2012-2013 ANNUAL REPORT

Department of Internal Medicine
University of New Mexico School of Medicine

Pope L. Moseley, M.D.
Chair, Department of Internal Medicine
Distinguished Professor
Regents’ Professor
Reva S. Skelton Endowment for Research
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KEY DEPARTMENTAL ACCOMPLISHMENTS

Pope L. Moseley, M.D.
Chairman, Department of Internal Medicine
Distinguished Professor, University of New Mexico
Regents’ Professor of the University of New Mexico
Reva A. Skelton Endowed Research Professor

KEY DEPARTMENTAL ACCOMPLISHMENTS

Financial Summary
Resource Management has continued to refine its financial management, enhancing the Divisions Chiefs’ role in the financial success of his/her Division, with the establishment of a comprehensive revenue distribution model focusing on output and not historical allocations. The most important element of this change has been to align responsibility with authority at the divisional level, mimicking the relationship of Dean to Chair, at the departmental level between Chair and Chief. The Department has now gone through an extensive financial reporting redesign, engaging and achieving buy-in at all levels of the institution, which has dramatically reduced the complexity of the financial analyses and reporting for the Department and Divisions, separating operating activities from programmatic activities. These financial philosophies are a direct result of some of our improved clinical and research metrics.

The Department has continued to improve our patient care documentation. The Department has also engaged itself in the mission of Clinical work at the Sandoval Regional Medical Center. Although work RVUs in the UNM system were down 2.6% over the prior year, the Department was still required to increase its FTE. This decline reflects, in part, the increased Clinical FTE recruited to staff SRMC. Collections per Work RVU remain constant at $42/WRVU with the Uncompensated Care rate remaining at 28% across the Department. Clinical Contracts, or Special Arrangements increased by approximately 1% in FY13.

Our research and contract total awards have consistently topped $30 million for the last 6 years, and FY13 did as well. (This includes extramural awards received by DoIM faculty in the UNM Cancer Center, Clinical and Translational Science Center, and Department faculty located at Albuquerque VA Medical Center). F&A generated on external funding overall since FY10 has increased and is currently over $1.7 Million once again in FY13. Faculty salaries on extramural sources increased 26% in FY13 over FY12, which demonstrates the Departments prudent use and monitoring of Restricted funds. Overall the Department had increased Total Revenue of 16.6% over FY12.

The Department continues to carefully manage its resources. In FY13 the Department secured $6 million gift to establish a Kidney Research Institute in the Department of Internal medicine. The Institute will focus on research and training to prevent and treat end stage renal disease in New Mexico.

Kidney Institute Of New Mexico (KINM)
The Health Sciences Center Department of Internal Medicine received $6 million – one of the largest private donations every made to HSC from the Dialysis Clinic, Inc (DCI) of Nashville, TN. The grant will allow HSC to form a UNM Kidney Institute in Albuquerque. DCI is the largest nonprofit dialysis provider in the United States and operators 11 clinics in New Mexico. The KINM will be focused on comparative effectiveness research related to nephrology and kidney disease and be structured to include basic sciences research, clinical/translational research and population/outcomes research and community outreach activities. UNM’s Division of Nephrology,
Department of Internal Medicine will investigate the mechanisms, diagnosis, and treatment of chronic kidney diseases in New Mexico, including the role of inflammation and cellular stress.

VIVO
In the Department of Internal Medicine, we are excited to be joining VIVO in its early stages - and to contribute to its development at UNM, where the installation is hosted by the Clinical & Translational Science Center and is available at http://vivo.health.unm.edu/. VIVO is an academic networking tool to promote biomedical discovery, linking researchers and their work to others around the world. We went live November 1, 2012.

Distinguished Professors
David S. Schade, M.D. and Marianne Berwick, Ph.D., MPH were promoted to the rank of Distinguished Professor at the University of New Mexico, Department of Internal Medicine beginning the Academic Year 2012-13.

Executive Vice Chair
Richard Crowell, M.D. has been appointed to the position of Executive Vice Chair. In this role, Dr. Crowell will work with Dr. Moseley, the Vice Chairs, and Division Chiefs in executing our Department’s goals in all mission areas. Importantly, he will serve as Chair in Dr. Moseley’s absence to allow us to continue to convene the Executive Committee and to serve as our representative at the SOM and HSC. In order for him to serve in this role, he will step down as Chief of the Division of Pulmonary, Critical Care, and Sleep Medicine beginning March 1, 2013.

Chief, Division of Pulmonary, Critical Care and Sleep Medicine
Michelle Harkins, M.D., who joined DoIM’s faculty in 1999, has been appointed as Chief of the Division of Pulmonary, Critical Care, and Sleep Medicine. She was awarded an NIH K23 grant to explore the molecular mechanisms for asthma exacerbation and airway inflammation in her first year on the faculty. She and Gary Iwamoto, M.D. developed the Adult Asthma Clinic that was immediately successful in decreasing the ED visit rate for asthmatics in this clinic. She continues to do clinical asthma studies within this patient population and investigator initiated and industry studies in severe asthmatics. She has received funding from NIH through the CAMP study and NHLBI, as well as support from the Robert Wood Johnson Foundation. Working through Project ECHO, she has educated providers and school nurses and helped to improve the lives of asthmatics in the state. She has expanded the asthma clinic and set up distant clinics based on the UNM model with similar results. She currently co-chairs the newly formed New Mexico Coalition on Asthma and has been on the Board of the New Mexico Thoracic Society since 1999. Dr. Harkins serves on the Pulmonary and Allergy Drug Advisory Committee of the FDA, and in 2011, she was named the National Pulmonary Physician of the Year by the American Thoracic Society.

Associate Dean for Graduate Medical Education
Dr. Betty Chang has been appointed as Associate Dean for Graduate Medical Education. Dr. Chang will be replacing Dr. David Sklar who is retiring from the GME Dean position. She is an Associate Professor of Internal Medicine in the Pulmonary/Critical Care Division. She currently serves as the Residency Program Director for Internal Medicine and as Assistant Dean for GME. During the past year Dr. Chang was the acting GME Dean while Dr. Sklar held a Robert Wood Johnson Foundation health policy fellowship in Washington, DC. Dr. Chang is a graduate of the McGill University, Faculty of Medicine. She completed her residency in Internal Medicine at Northwestern University - Evanston Hospital and a Fellowship in Pulmonary and Critical Care Medicine at Johns Hopkins University. While at
Johns Hopkins, she completed a PhD in the Bloomberg School of Public Health studying the natural history of scleroderma lung disease. Dr. Chang has been a faculty member at the UNM School of Medicine since 2002. Chancellor Paul Roth stated that "Dr. Chang has extensive experience in GME programs and administration, and we are looking forward to her leadership in this position in this time of dramatic change in graduate medical education."

**Vice Chair, Office of Education and Residency Program Director**

Jenny Jernigan, M.D. was appointed as Vice Chair, Office of Education and Residency Program Director for Internal Medicine as of July 1, 2013. Jenny was a resident at UNM from 1996 to 1999 and a Chief Resident from 1999-2000. She has served as a faculty member in the Division of General Internal Medicine working at the 1209 Clinic and more recently at the Southwest Mesa Clinic. Jenny has been an Associate Program Director since 2003 working closely with the residents both on the outpatient and inpatient settings. Jenny is an outstanding leader and colleague who has distinguished herself in medical education.

**Cardiac Catheterization Laboratory Director**

Mark Sheldon, M.D. was appointed Cardiac Catheterization Laboratory Director effective April 1, 2013. Dr. Sheldon was chosen for this position as a result of his commitment to the Cardiology Division, his steadfast ways, and his goal of taking our invasive/interventional program to the next level.

**Stellar Consultant Award**

The Primary Care Medical Directors Group is pleased to announce that Drs. Arthur Bankhurst and Wilmer Sibbitt from the Division of Rheumatology, Department of Internal Medicine have been presented the Stellar Consultant Award by UNM/HSC providers as outstanding consultants who have exceeded expectations in assisting primary care providers with the care of their patients. Winners were nominated by primary care providers, who remarked that, for many years, Drs. Bankhurst and Sibbitt have made themselves easily accessible, when their assistance was needed with complex Rheumatologic problems. Through telephone consults, Project ECHO training, and co-management of patients, these doctors have helped improve the lives of our patients.

**SCORE Project**

The Surgical Council on Resident Education (SCORE) and SCORE web portal users thanked Lisa Marr, M.D. for contributing to the SCORE project by authoring modules(s) on Palliative and Hospice Care. The SCORE portal has become an important resource for resident learning in the United States; it is being used in nearly all residency programs across the US and by over 96% of categorical general surgery residents. By lending her time and expertise, she helped to make this an online curriculum resource a valuable addition to resident learning and patient care.

**Ervin W. Lewis Resident Khatali Teaching Award**

The Class of 2013 selected Drs. J Rush Pierce, Jr and Patrick Rendon to receive the Ervin W. Lewis Resident Khatali Teaching Award. Of the more than 850 full time faculty members at the School of Medicine, the graduating class felt that Drs. Pierce and Rendon modeled what it
means to be an excellent educator, physician and mentor. It is the highest honor given by a graduating class at the School of Medicine and speaks volumes to Drs. Pierce and Rendon’s dedication and commitment to students.

Dr. Deepti Rao was elected as outstanding Faculty to Alpha Omega Alpha, the honorary medical society. This honor is bestowed on individuals who have excelled in the areas of scholarship, personal integrity, and leadership qualities.

Medical Education Scholars (MES) Program
The Office of Undergraduate Medical Education named several Department of Internal Medicine faculty members for the 2012-13 Medical Education Scholars (MES) Program, which initiated in 1998 as a means for ensuring a continuum of educational leadership at the UNM SOM:

- Mark Sheldon, M.D., Cardiology
- Richard Snider, M.D., Cardiology
- Charles Wiggins, Ph.D., Epidemiology

Clinical Practice

Kendall Rogers, M.D., Division Chief, Hospital Medicine, Department of Internal Medicine received the 2012 HIMSS Book of the Year Award “Improving Outcomes with Clinical Decision Support: An Implementer’s Guide, Second Edition. The award honors a book that offers outstanding practical guidance and/or strategic insight for healthcare information and management systems professionals.

Research and Scholarship

DoIM’s VA researchers awarded nearly $4 million in grants

Department of Internal Medicine faculty has been awarded nearly $4 million in research grants over the last 18 months. The funding came from VA Merit Review grants and awards from other national sources.

The Internal Medicine faculty based at the Albuquerque VA Medical Center who have been awarded Merit Review grants during the last three grant cycles are Edgar Boedeker, M.D.; Samuel Lee, M.D.; Thomas Ma, M.D., Ph.D.; Jenny Mao, M.D.; Dennis T. Villareal, M.D.; and Reina C. Villareal, M.D. The Merit Review Award Program supports investigator-initiated research to fund basic, preclinical biomedical and behavioral studies as well as clinical studies of disorders and diseases of importance to the health of veterans.

Internal Medicine faculty researchers have also recently been awarded funding from other national sources. Ravi V. Durvasula, M.D., was awarded grants from USDA and Bill and Melinda Gates Foundation. Jenny Mao, MD, was awarded a grant from the Department of Defense.
UNM Health Sciences Center
UNM Health Sciences Center’s Project ECHO (Extension for Community Healthcare Outcomes), Department of Internal Medicine was awarded $8.5 million over the next three years from the U.S. Department of Health and Human Services (HHS) as part of its Health Care Innovation Awards. Project ECHO is an internationally acclaimed program developed within the School of Medicine in 2003 to improve rural and frontier access to specialty care for New Mexico patients. The program has experienced great success in improving patient access and health outcomes, and in training community health care providers. ECHO is evolving into an equally powerful model for conducting biomedical participatory research.

UNM Health Sciences Center opened the doors to its new Innovation, Discovery and Training Complex (IDTC, an 89,000 sq ft remodeled space for its Center of Molecular Discovery, along with UNM’s Center for Digestive Diseases Research, Center for Disaster Medicine and Emergency Medical Services Academy. The Department of Internal Medicine, Center for Digestive Diseases (CCD) research now explore vaccines and treatments for food-borne illnesses, digestive disease, infection, and is recognized as one of the top research divisions in the country, having more than $15 million of active federal government research funding, and cares for more than 10,000 patients a year.

Dr. Terry Wu, Research Assistant Professor, Center for Global Health, Department of Internal Medicine and a group of UNM researchers are developing models to test diagnostics, vaccines and therapeutics for tularemia—a potentially deadly, naturally occurring zoonotic disease that can be transmitted via contaminated animals, air, water, or soil. Developing treatments and diagnostics for infectious disease is an inherently interdisciplinary enterprise.

Dr. Sanjev Arora received the Clinical Science Research Award at the Fourth Annual Research Day Awards Ceremony held October 26, 2012. Colleagues are nominated by their peers and selected by a faculty committee for outstanding research contributions.

The SOM Research Allocation Committee funded Gregory C. Davenport, Ph.D., PCPH, MT Research Assistant Professor in Global Health, Department of Internal Medicine in the amount of $24,978.00 for his research “Reducing Invasive Non-typhoidal Salmonellosis”.

The SOM Research Allocation Committee funded Thomas F. Byrd, M.D. Interim Division Chief of Infectious Disease, Department of Internal Medicine in the amount of $25,000.00 for his research “Identification of Efflux Pump Inhibitors to Potentiate Antibiotic Effects Against Mycobacterium Abscessus”.

The SOM Research Allocation Committee funded Tudor I. Oprea, M.D., Ph.D., Chief, Translational Informatics, Department of Internal Medicine in the amount of $17,806.00 for his research “Identification of Caspase Inhibitors for Treatment of Neurodegenerative Disorders”.

The SOM Research Allocation Committee funded Veena Raizada, M.D. Professor of Cardiology, Department of Internal Medicine in the amount of $30,000. 00 for her research “Renin-Angiotensin-Aldosterone System Activation in Overweight and Mildly Obese Adult Hispanic Women”.

The SOM Research Allocation Committee funded Akshay Sood, M.D., MPH Associate Professor in Pulmonary, Critical Care, & Sleep, Department of Internal Medicine in the amount of $29,990. 00 for his research “Bronchial Epithelial Transcriptomic Profiles of Asthma”.

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The SOM Research Allocation Committee funded Marianne Berwick, Ph.D., MPH Professor in Epidemiology, Department of Internal Medicine in the amount of $24,909.00 for her research “Chloroquine-induced Inhibition of Autophagy in Melanoma”.

The Clinical and Translational Science Center (CTSC) celebrated the graduation scholar of Akshay Sood M.D., MPH in the CTSC KL2 Scholar Program. Dr. Sood, Associate Professor in Pulmonary, Critical Care, & Sleep, Department of Internal Medicine is an expert in chronic obstructive pulmonary disease and has been studying the relationship between asthma and obesity.

**INTERNAL MEDICINE FACULTY RECOGNITION**

**DoIM faculty members listed among Albuquerque’s "Top Doctors" in the march 2013 issue of *Albuquerque the Magazine*.**

**ALLERGY AND IMMUNOLOGY**
- Mark Schuyler, MD

**CARDIOLOGY**
- Bina Ahmed, MD
- Abinash Achrekar, MD
- Gerald Charlton, MD (New Mexico Veteran’s Affairs Healthcare Center)
- Bart Cox, MD
- Milton Icenogle, MD
- Warren Laskey, MD
- Larry Osborn, MD
- Mel Peralta, MD
- Mark Ricciardi, MD (Raymond G. Murphy VA Medical Center)
- Carlos Roldan, MD (New Mexico Veteran’s Affairs Healthcare Center)
- Mark Sheldon, MD (Raymond G. Murphy VA Medical Center)
- Robert Taylor, MD
- Craig Timm, MD

**ENDOCRINOLOGY**
- Matthew F. Bouchonville II, MD
- Mark R. Burge, MD
- Kathleen Colleran, MD
- Richard Dorin, MD (New Mexico Veterans Health Care System)
- Patricia Kapsner, MD

**GERIATRIC MEDICINE**
- Alan Adolphe, MD
- Ivan Correa, MD (New Mexico Veterans Health Care System)
- David L. Hemphill, MD
- Carla Herman, MD
- Lisa A. Marr, MD
- Devon A. Neale, MD
- Sandra Qaseem, MD
- Frank M. Ralls, MD
- Anne Simpson, MD
HEMATOLOGY
- Fa-Chyi C. Lee, MD
- Elizabeth Ann McGuire, MD
- Dulcinea Quintana, MD
- Ian Rabinowitz, MD
- Amy C. Tarnower, MD

INFECTIOUS DISEASE
- Sarah Allen, MD
- Meghan Brett, MD
- Katya Calvo, MD
- Diedre Hofinger, MD (New Mexico Veterans Health Care System)
- Michelle J. Iandiorio, MD
- Susan Kellie, MD
- Elaine Thomas, MD
- Karla Thornton, MD
- Steven Bruce Williams, MD
- Eleana Zamora, MA

INTERNAL MEDICINE
- Alan Adolphe, MD
- Cynthia Arndell, MD
- Jessica Bigney, MD
- Heather Brislen, MD (New Mexico Veterans Health Care System)
- Betty Chang, MD
- Edward Fancovic, MD
- Dana R. Fotieo, MD
- Fred Hashimoto, MD
- Jennifer Jernigan, MD
- Pope L. Moseley, MD
- Leonard Noronha, MD
- Arti Prasad, MD, FACP
- John “Rush” Pierce, MD
- Christopher Quintana, MD
- Kendall Rogers, MD
- David Schade, MD
- Bronwyn Wilson, MD

ONCOLOGY
- Esme E. Finlay, MD (New Mexico Veterans Health Care System)
- Richard Lauer, MD
- Fa-Chyi C. Lee, MD
- Aroop Mangalik, MD
- Dulcinea Quintana, MD
- Ian Rabinowitz, MD
- Melanie Royce, MD
- John H. Saiki, MD
- Amy Tarnower, MD
RHEUMATOLOGY

- Arthur Bankhurst, MD
- Terry Du Clos, MD (New Mexico Veterans Health Care System)
- Konstantin Konstantinov, MD (New Mexico Veterans Health Care System)
- Wilmer Sibbitt, MD

Medical Education Scholars (MES Program)
The SOM Office of Undergraduate Medical Education names several Internal Medicine faculty members for the 2013-15 Medical Education Scholars (MES) Program, which was initiated in 1998 as a means of ensuring a continuum of educational leadership at the UNM SOM:

- Cynthia Arndell, M.D.
- Archana Kaza, M.D.
- Patrick Rendon, M.D.

KEY NEW FACULTY HIRES OR APPOINTMENTS

- Mathew Bouchonville, M.D., Assistant Professor/Endocrinology
- Mark Garcia, M.D., Visiting Professor/Quality, Safety, & Clinical Operations
- Patrick Rendon, M.D., Visiting Instructor/General Internal Medicine
- Adam Mougey, M.D., Assistant Professor/Gastroenterology
- Alisha Parada, M.D., Chief Resident/General Internal Medicine
- Heather Brislen, M.D., Assistant Professor/General Internal Medicine
- Subramani, Mani, M.D., Associate Professor/Translational Informatics
- Yosef Raskin, M.D., Assistant Professor/General Internal Medicine
- Srikanth Seethala, M.D., Assistant Professor/Hospital Medicine
- Kirsten Tolstrup, M.D., Associate Professor/Cardiology
- Zhi X, M.D., Visiting Assistant Professor/Nephrology
- Anju Manral, M.D., Assistant Professor/Hospital Medicine
- Mark Unruh, M.D., Associate Professor/Nephrology
- Ariel Rivas, Ph.D., Research Assistant Professor/Global Health
- Oleh Hnatiuk, M.D., Associate Professor/Pulmonary-Critical Care-Sleep
- Seth Scott, M.D., Assistant Professor/Hospital Medicine
- Amy Robinson, M.D., Assistant Professor/General Internal Medicine
- Meghan Brett, M.D., Assistant Professor/Infectious Disease
- Maryam Sharifi, M.D., Visiting Assistant Professor/General Internal Medicine
- Kumar Priyank, M.D., Assistant Professor/Hospital Medicine
- Michael Chartrand, M.D., Assistant Professor/General Internal Medicine
- Archana Kaza, M.D., Assistant Professor/Gastroenterology
- Irene San Roman, M.D., Assistant Professor/Geriatric & Palliative Care
- Hamid A. Hai, M.D. Assistant Professor/Cardiology
- Heather Ward, Ph.D., Assistant Professor/Nephrology
- Theresa Heynekamp, M.D., MPH, Assistant Professor/Pulmonary-Critical Care-Sleep
- Rodrigo Vasquez Guillamet, M.D., Assistant Professor/Pulmonary-Critical Care-Sleep
- Sue Jean Chang, M.D., Assistant Professor/Hospital Medicine
- Esteban Pena Ayala, M.D., Assistant Professor/Hospital Medicine
ANNUAL SERVICE AWARD

Seventeen employees of the Department of Internal Medicine were recognized at the Annual Service Award Ceremony held April 24, 2012:

15 Years of Service
Kathleen M. Colleran, M.D.
Shannon E. Griego
Ian Rabinowitz, M.D.
Mark Rohrscheib, M.D.
Claudia J. Scherer

25 Years of Service
Sandra A. Naranjo

30 Years of Service
Edward Bedrick, Ph.D.
Wilmer L. Sibbitt, M.D.

20 Years of Service
Janene L. Canady
Doris A. Hernandez McGinis

35 Years of Service
Veena Raizada, M.D.

CENTRAL ADMINISTRATION

CENTRAL ADMINISTRATION ACCOMPLISHMENTS

National Wear Red Day
February 1, 2013 is National Wear Red Day. It is a day when Americans nationwide wear red to show their support for women’s heart disease, awareness not just for women, but men as well. DoIM celebrated February 1st with:

- Employee Health Presentation “Women and Heart Disease: What Your Mother Didn’t Tell You, (or Know)”, presented by Dr. Bina Ahmed

Holiday Giving Project:

Each year, DoIM Administration coordinates an annual Holiday Giving Project. For the second year in a row, the department staff collaboratively chose to donate to the Roadrunner Food Bank. Several decorated bins were scattered within the department to allow for easy access for donating non-perishable food items. Ms. Melody Wattenbarger, President and CEO of the Roadrunner Food Bank, was kind enough to send DoIM a lovely “thank you” letter. The letter noted that our donation had a direct impact on their bottom line, reporting a 5% increase of food donated over the last year’s total. The department was thrilled with the results of participating in the drive to fight hunger amongst those who are less fortunate within our community.

STAFF APPOINTMENTS IN CENTRAL ADMINISTRATION

- Elizabeth Madrid, Office Assistant/AA-HR Central Administration – 10/06/2012
- Eduardo “Edwardo” Rodriguez, Accountant 2/Central Administration Finance – 10/15/2012
- Jacqueline Patton, Administrative Assistant II/Central Administration – 12/10/2012
• Elizabeth Hatch, Operations Specialist/Quality, Safety, & Clinical Operations/Central Administration 04/01/2013
• Roberta Joe, On-call Administrative Assistant I/Central Administration – 06/13/2013
• Pamela Burciaga-Kichner, Program Manager/Office of Education Central Administration 06/03/2013
• Ana Heredia, Operations Specialist/Quality, Safety & Clinical Operations Central Administration – 06/24/2013

STAFF SEPARATIONS IN CENTRAL ADMINISTRATION
• Shauna Carter-Rodriguez, Administrative Assistant III/Central Administration – 10/19/2012
• Anita Sedillo, Administrative Assistant III/Central Administration – 12/28/2012
• Elizabeth Hatch, Operations Specialist/Quality, Safety, & Clinical Operations Central Administration 4/30/2013
• Linda Simmons, Unit Administrator/Office of Education Central Administration – 05/31/2013
OFFICES OF THE VICE CHAIRS OF THE DEPARTMENT

Chairman, Department of Internal Medicine
Regents' Professor, University of New Mexico
Pope L. Moeley, MD

Operations
- Shannon Grego, COO
- Mike Maas, CFO

VA Affairs
- Ravi Durvasula, MD, Vice Chair

Office of Education
- Betty Chang, MD, Vice Chair

Office of Quality, Safety and Clinical Operations
- Richard E. Crowel, MD, Senior Vice Chair

Office of Research
- David Schade, MD, Vice Chair

Office of Faculty Development and Diversity
- J. Rush Pierce Jr., MD, Vice Chair

Undergraduate Medical Education
- Edward Fancovic, MD
- Deepti Rao, MD

Graduate Medical Education
- Dana Potteo, MD
- Michelle S. Harkins, MD
- Gregory Potteo, MD
- Jennifer Jemigan, MD

Multi-disciplinary Centers
- Extension for Community Healthcare Outcomes (Project ECHO)
- Center for Global Health

Please see division pages for faculty, researchers, residents, fellows and staff listings

Divisions and Centers
- Allergy Service
- Cardiology
- Endocrinology
- Epidemiology
- Gastroenterology
- General Internal Medicine
  - Integrative Medicine
  - Center for Life
- Geriatrics
- Palliative Care
- Hematology/Oncology
- Hospital Medicine
- Infectious Diseases
- Nephrology
- Pulmonary/Critical Care
- Sleep Disorders Center
- Rheumatology
- Translational Informatics
Jennifer Jernigan, MD
Associate Professor
Residency Program Director, Department of Internal Medicine

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

GRADUATE MEDICAL EDUCATION
- Dr. Betty Chang has been appointed DIO and Associate Dean for GME for the University
- Dr. Jennifer Jernigan has been appointed as Residency Program Director
- Dr. Michelle Harkins has been appointed Division Chief for Pulmonary Critical Care
- Dr. Patrick Rendon has been appointed as Associate Program Director
- Dr. David Olson has been appointed as Associate Program Director
- Dr. Jennifer Jernigan has been appointed a Fellow of the American College of Physicians
- Dr. Dana Fotieo has been appointed a Fellow of the American College of Physicians

UNDERGRADUATE MEDICAL EDUCATION
- Dr. Edward Fancovic has stepped down as clerkship director and Dr. Deepti Rao has assumed this role
- Dr. Edward Fancovic is now the Associate Clerkship Director
- Dr. Teodore Konstantinova is the Associate Clerkship Director at VAMC

PUBLICATIONS AND OTHER SCHOLARLY ACTIVITY OF THE OFFICE

FACULTY PUBLICATIONS
National Presentations and Professional Activities by the Office

Faculty Presentations
- Jernigan J, Lane S, Wong R. The NAS as Opportunity for Improvement: Designing a Series of Milestone-Based Direct Observation Tools. Workshop at APDIM 04/13

Awards
Awards were presented at the annual Spring Awards Banquet to the following residents and faculty. All recipients were chosen by ballot by the residents.

- The House Officer Research Award for 2012-13 was presented to Nour Ass’ad, MD
- Intern of the Year: Lida Fatemi, DO
- Preliminary Intern of the Year: Tamara Berry MD
- PGY-2 Resident of the Year: Omar Abu Saleh, MD
- Resident of the Year: Ala’ Ebaid, MD
- Laurent T. Visconti Teaching Fellow of the Year: Jarrod Frizzell, MD
- William R. Hardy Teaching Physician of the Year: J. Rush Pierce, MD
- Clerkship Teaching Award: Angela Dunn, MD
- Unsung Hero of the Year: Navneet Sidhu, MD
- Unsung Hero of the Year: Jacob Imber, MD
- Unsung Hero of the Year: Nathaniel DeFelice, MD
- Unsung Hero of the Year: Bart Cox, MD
- Unsung Hero of the Year: Cynthia Geppert, MD
- Chief Resident: Marc Montanaro, MD
- Chief Resident: Patrick Rendon, MD
- Primary Care Chief Resident: Karen Cardon, MD

Significant Plans and Recommendations for the Near Future

- The New Accreditation System (NAS) of the Accreditation Council of Graduate Medical Education (ACGME) will conduct its first round of annual reports which includes the core Internal Medicine residency program as well as the 10 subspecialty fellowships at UNM
- The residency program will begin to assess the residents on meeting the Milestones as defined by the American Board of Internal Medicine in conjunction with the Association of Program Directors in Internal Medicine. This will be conducted via Direct Observed Encounters
- The Residency Program will assist the fellowship programs with implementation of the sub-specialty milestones as these become available over the next year
- We will continue to define the role of the Quality Chief Resident as we enter the second year of this new position

Graduate Medical Education

Leadership
- Jennifer Jernigan, M.D., Associate Professor, Vice-Chair of Education and Residency Program Director
The University of New Mexico’s Department of Internal Medicine Residency Program was approved for a complement increase to 81 residents total.

- The University of New Mexico’s Department of Internal Medicine Residency Program had a successful recruiting season and match. Ten preliminary positions were filled, including five from the University of New Mexico. Four Neurology preliminary positions were filled: two from the University of New Mexico, one from a US school, and one from Jordan. Twenty-five categorical positions were filled: four from UNM, fifteen from other US schools, and six international. The wide diversity of schools represented includes the Mid-West (Washington University, St. Louis U, Rush, U Iowa, U Kansas), the Southeast (Tulane, Texas Tech, Eastern Virginia Osteopathic, Texas A&M, UT Medical Branch in Galveston); the East (Mount Sinai, Philadelphia Osteopathic), the West (UNM, U Colorado, U Arizona, Touro Nevada Osteopathic, Arizona Osteopathic). International medical schools represented are in India, Jordan, Pakistan and Syria. The wide range of medical schools that supply residents to us continues to enrich the diversity of our program.

- Of the 2012-13 graduating class, 12 are slated to practice general internal medicine or as hospitalists (6 in New Mexico), 2 are our own Chief Medical Residents, 1 is our Primary Care Chief Resident, 1 is our Quality Chief Resident and 8 will pursue subspecialty training in various medical subspecialties, 6 at UNM. Of the chief residents, 3 will practice general internal medicine/hospitalist and 1 will pursue subspecialty training. The subspecialty programs chosen by our departing residents include Cardiology (UNM), Gastroenterology (UNM), Hematology/Oncology (UC Irvine), Nephrology (UNM), Rheumatology (UNM) and Pulmonary/Critical Care (UNM, Mayo Jacksonville).

- Our graduates have a cumulative pass rate of 82% for the ABIM certifying exam for 2010 through 2012. For the 2012 graduating class we have a ABIM pass rate of 77%.

- International electives, both clinical and research rotations were provided for two residents in Ecuador and Kenya.

- Two resident completed the Quality Seminar this past academic year; eight residents have expressed interest in participating this coming year.

- An annual survey of all residents was again conducted. The information gathered will be used to improve the program.

- Resident members are included in the new Program Evaluation Committee which will evaluate the structure and education of the program and provide suggestions for improvement.

- The program continued to use the TSheets software to enter duty hours. Duty hour entry compliance is excellent. The software allows real time monitoring of duty hours and has greatly reduced violations.

- The Office of Education continues to track compliance on a daily basis and follow up on the causes of any suspected violations. Weekly duty hour reports are being sent to the GME office, head hospitalists, involved faculty, and Dr. Moseley for review.

- With the assistance of the faculty at both institutions, 30-hour violations are virtually nonexistent. There have been no 80-hour violations since adopting our new duty hour policy.
Changes in call schedules and impact on duty hours for Wards at the University, Wards at the VA, Cardiology at the University and MICU at the University will continue to be assessed to ensure continued compliance with the new duty hour requirements.

Thursday School continues to be a success in terms of gathering 60% of the residents for committed didactic time free from clinical duties.

Inpatient teaching modules are being revised with input from the residency program administration, residents and faculty from both the University and the VA.

The House Officer Scholarly Activity Committee continued to be successful under the direction of chair Michelle Harkins, MD. Potential mentors and research projects were identified. Assistance was provided to residents in connecting with a suitable mentor for their interests.

House officers continued to be productive in their research and scholarly activities.

Resident Portfolios continue to be maintained in the Office of Education and provide a road map of the resident’s residency experience.

Evaluations of residents by faculty have been closely monitored and the completion rate has improved to greater than 97%.

For faculty annual reviews, the Office of Education sends summary reports of faculty evaluations are sent to Division/Section Chairs when requested.

The Office of Education sends summary reports of rotations to all rotation directors annually.

The program continues to work upon improving the practice based learning and improvement/quality improvement projects in the outpatient setting. The Quality Chief Resident has been instrumental in this effort.

MKSAP study materials have been purchased for residents with outlined expectations for use and review quarterly with their advisors.

PUBLICATIONS BY INTERNAL MEDICINE RESIDENTS 2012-2013

RESIDENT ABSTRACTS/PRESENTATIONS AT REGIONAL AND NATIONAL MEETINGS
1. Assad, Nour 5/18/12 - ATS conference poster
CLINICAL VIGNETTES PRESENTED AT NEW MEXICO ACP MEETING, OCTOBER 2012
1. Joshua Crose, DO “Hyperthyroidism Revealed by Hypokalemic Paralysis”
2. Liviy Thoreson, MD “Use of Electronic Control Device (Taser) Associated with Cardiac Arrest and Severe Anoxic Brain Injury”
4. Nada Bader, MD “Persistent Necrotizing Pneumonia Due to Missed Periodontal Disease”
5. Leona Ebara, MD “An Unusual Cause of Pneumothorax and Empyema”
6. Basmah Jalil, MD “Spontaneous DVT in a Baseball Player”

POSTERS PRESENTED AT APDIM NATIONAL MEETING
1. Rendon, P., Association of Program Directors in Internal Medicine (APDIM), poster on Intern Boot Camp: A Case-Based Interactive Curriculum for the New Intern, May 2013

POSTERS PRESENTED AT NEW MEXICO ACP MEETING, OCTOBER 2012
1. Aaron Price, MD: “When Hematemesis and Hypotension paint a dark picture”
3. Angela Dunn, MD: “Syncopal Episodes in a Patient with Postural Orthostatic Tachycardia Syndrome Complicated by Hyperventilation”
5. Jeremiah Bustos, MD: “Thymic Carcinoma Requiring Emergent Radiation Therapy”
8. Kristen, Simmons, MD: “A Tired 26 year old: an Atypical Presentation of a Common Illness”
9. Nathaniel DeFelice, MD: “A Case of Peculiar Midline Necrotizing Rhinosinusitis”
10. Navneet Sidhu, MD: “Erythrodermic Psoriasis -- A Dreaded Form of Psoriasis”
12. Richard Vestal, MD: “Vancomycin-Induced DRESS Syndrome”
14. Terry Taylor, MD: “Cocaine Intoxication, a Dangerous Red Herring”
15. Timothy Moore, MD: “Esophageal Cancer in a Patient with Scleroderma”

Undergraduate Medical Education

LEADERSHIP
- Edward Fancovic, M.D. Professor, Clerkship and UNM Director
- Deepti Rao, M.D. Assistant Professor, Sub-I Director
- Teodora Konstantinova, M.D. Assistant Professor, UME Site director at the VA
- Phase I teaching activity in lectures and tutorials is now being tracked by the Vice-Chair for Faculty Development
- Assessment of student performance on their inpatient rotations remains the same, using the PRIME format and meeting with clerkship faculty near the end of each inpatient block. The ambulatory block faculty are asked to perform daily performance evaluations using the Mini-CEX forms developed by the ABIM, which are collated and graded by the clerkship director at the end of the block
Other graded aspects of the clerkship include tutorial and the Post-Discharge Home Experience. The structure of the weekly faculty-led tutorial continues to evolve. Beginning in April 2012, the weekly small-group case discussions continued, but the self-study portion was changed to allow contract grading, with the overall grade depending on the number of successfully completed cases. This was implemented to further the students' learning of additional curricular topics beyond what they may encounter on inpatient ward rotations, as the 36 available SIMPLE cases are designed to cover the core clerkship curriculum objectives developed by the Clerkship Directors in Internal Medicine, a national group of clerkship educators.

Beginning in April 2012, an ambulatory block was introduced to the clerkship, for the first time in nearly 20 years. All students now complete 4 weeks of inpatient service at UH, 2 weeks of inpatient at the VA, and 2 weeks of ambulatory clinics at the VA. This serves several purposes:

- Accommodation of the 25% increase in class size, with the entry of the first cohort of BA/MD students into the phase II cycle this year, without overloading the inpatient teams
- Providing students with exposure to ambulatory care, and providing outpatient faculty the opportunity for role modeling to students at their most impressionable time
- Providing students with more exposure to medical subspecialty care, which enhances their experience with the breadth of internal medicine both from a curricular aspect as well as from a career-planning aspect
- Providing students with additional down time for self-directed learning and study during the less time-intensive ambulatory rotation, which has been repeatedly cited as a need on student evaluations of the clerkship over several years

The Post-Discharge Home Experience completed its second clerkship year and continues in 2013-14 under the direction of Dr. Cindy Arndell. It meets several curricular goals outlined by the UNMSOM Curriculum Committee as cross-cutting issues: it provides an introduction into systems-based practice, examines transitions of care, and is an opportunity for interprofessional education and collaboration. Two medical students identify a patient during a UH inpatient admission under their care and then make a home visit to this patient within a week after discharge, accompanied by a doctoral-level pharmacy student. They also collaborate with team social workers, nurse case managers, and physical/occupational therapy services prior to discharge to get information about the patient's functional status, literacy level and social support, as well as reviewing their discharge medications and appointments. At the home visit, the students reevaluate the adequacy of the discharge planning, reassess the home environment, and the pharmacy students perform a detailed medical reconciliation and note discrepancies. Students then present their findings in written form to the patients' primary care providers, and orally at a debriefing session with ambulatory faculty, inpatient faculty, pharmacy faculty and case managers. They receive a passing grade contingent upon their successful completion of these requirements. The experience has often been a very rich one for the students, who learn when, how and how often things can go wrong with transitions of care, and can make a significant difference for individual patients when plans go awry.

Other teaching activities within the clerkship include:

- Weekly lectures by various faculty
- Weekly ECG classes during the VA/ambulatory blocks by Dr. Lori Serkland and Dr. Dara Lee
- Monthly CXR classes with Dr. Loren Ketai of Radiology at UH
• Monthly discussions of death and dying with Dr. Judith Kitzes, Dr. Devon Neale and Dr. Esme Finley of the UH Palliative Care service
• Monthly discussions of ethics issues with Dr. Aroop Mangalik

Clerkship faculty also continue to maintain active involvement in multiple SOM educational committees, including Admissions (Dr. Fancovic), Clerkship Directors (Drs. Fancovic and Rao), Curriculum (Dr. Fancovic), and Student Performance and Evaluation (Dr. Fancovic in 2011, Dr. Konstantinova in 2012)

PHASE III STUDENTS

Curriculum Updates

• Dr. Deepti Rao continued with the subintern curriculum she instituted in 2009-2010. She is working with other subinternship directors at the SOM level to standardize objectives for this rotation across disciplines. The curriculum includes BatCave interactive simulation teaching experiences including hands on procedural instruction, as well as lectures on common topics and communication issues
• PRIME sessions have been added for the Phase 3 students in order to provide feedback midway through their rotation
• Dr. Arnell continued in her role as DoIM Director of the Phase 3 Comprehensive Ambulatory Medicine rotation

The MICU rotation at the VAMC remains unavailable until additional permanent faculty are hired to staff the service.

Match results: the number of students matching in internal medicine over the past 3 years remains strong:
Class of 2011: 6 categorical + 1 med/peds
Class of 2012: 10 categorical + 1 med/peds
Class of 2013: 7 categorical
# APPOINTMENTS

## FACULTY
None

## STAFF

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Effective date</th>
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<tbody>
<tr>
<td>Pam Kirchner</td>
<td>Residency Program Manager</td>
<td>6/3/2013</td>
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# SEPARATIONS

## FACULTY
None

## STAFF

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Linda Simmons</td>
<td>Residency Office Administrator</td>
<td>5/31/2013</td>
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Significant Developments During the Academic Year 2012-2013

Promotion & Tenure
- Nine members of the Department were promoted in 2013, two to the rank of Professor.
- The Office reviewed with the Executive Committee, the 3-year phased-in implementation of requirements for products that demonstrate demonstration of scholarship for Clinician-Educators. This process will be fully implemented next year.
- The procedures of the Dossier Review Committee were reviewed and modified to include a process whereby senior faculty may vote on promotion candidates by email.

Career Development
- The Office secured funding and approved guidelines for up to ten yearly $10,000 Departmental research seed grants. The seed grant program was initiated in April and the first grant was awarded in June.
- The Office assisted with the implementation of Vivo in the Department, an on-line database system whereby faculty record and publicize their research interests with each other and to faculty at other medical schools.
- The Office initiated bi-monthly luncheons for new faculty, to get acquainted with one another and to hear a presentation related to professional development.
- The Division of Hospital Medicine’s monthly Research Club for clinician-educators expanded to include clinician-educators in other Divisions and internal medicine residents. The goal of this lunch gathering is to provide an informal forum for junior clinician-educators to exchange ideas and discuss their scholarly activity with other clinician-educators.
- The Department initiated its pilot junior faculty exchange program with two nearby medical schools. Junior faculty members were exchanged with the University of Colorado School of Medicine and Texas Tech University School of Medicine. Targets of this program are mid-career faculty. Goals include assisting individual faculty promotion by gaining reputation outside of home institutions, development of external mentorship and career advice relationships for junior faculty, and enhancing intra-institutional networking and project collaborations.
- The Office participated with education of faculty and internal medicine residents in training to provide effective feedback to learners, and assisted with an analysis of this educational effort.

Professionalism
- To promote collegiality, the Office developed and distributed a bi-monthly Department email newsletter for faculty.
- The Office presented to the Executive Committee, a report summarizing data on student mistreatment and patient satisfaction.
FACULTY EFFORT IN EDUCATION

- The Office fully implemented its on-line FAD, an internet-based reporting system whereby Department faculty could record their educational, research mentorship, and community outreach activities. The Department used data from the system to compensate Divisions for educational activity of their faculty and to provide positive economic incentives for medical student education and research mentorship. The Office provided training and assistance to Divisions and individual faculty using the system.
- Using data from the on-line FAD, the Office performed an analysis that demonstrating that salary was inversely proportional to teaching hours in pre-clinical medical student courses.

MENTORSHIP

The Office continued to develop a road map for promotion and guidelines for mentorship.

DEPARTMENTAL AWARDS

Dr. Deepti Rao was elected as faculty to the local Chapter of the Alpha Omega Alpha Honor Medical Society. Dr. Rush Pierce was awarded the 2013 William R Hardy Teaching Physician of the Year, and Dr. Craig Timm the 2013 Robert G Strickland Distinguished Service Award.
Richard Crowell, MD
Executive Vice Chair, Department of Internal Medicine
Senior Vice Chair for Quality, Safety & Clinical Operations, Department of Internal Medicine

- Lee K. Brown, MD; Vice Chair for Clinical Operations
- Julie Broyles, MD; Patient Safety Officer; Medical Director, Credentialing
- Diane M. Dodendorf, PhD; Quality Manager
- Amanda Dronet, Senior Medical Practice Specialist

MISSION STATEMENT
The mission of the Office of Quality, Safety, and Clinical Operations is to establish the UNM Department of Internal Medicine as a national leader in academic medicine for providing proficient, evidence-based care to our patients at the highest levels of quality and safety.

GOALS/OBJECTIVES
- Identify Quality and Safety concerns that impact patient care provided by the DoIM, then develop and implement programs for improvement
- Develop efficient measurement tools and reporting mechanisms to support improvement objectives developed by the MQG
- Provide leadership in the UNM Health System for improving the quality and safety of patient care through collaborations with Quality and Safety programs at UNMMG and UNMH

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

INTERNAL MEDICINE QUALITY GROUP (IMQG)
- Monthly meetings of members from DoIM, UNMMG, and UH
- Coordinate various Quality efforts within the DoIM with development of infrastructure, identification of resources, both inpatient and outpatient focus
- Further development of ongoing collaborative relationship with UNMMG and UH, with focus on alignment of Quality and Safety strategies within the UNM Health System
- Chief Resident for Quality and Safety

MORTALITY REVIEW
- All DoIM inpatient deaths reviewed by DoIM faculty
- Development of web-based review process for providers
- Streamlining of review process, decreased in turnaround time from death to completion of review process to < 1 week
- Incorporation of secondary reviews into database, feedback
- Incorporation of all Patient Safety Network (PSN) reports of patient deaths into review process, monthly reviews, and patient database
- Developed capabilities for active identification of system issues

**INTEGRATION OF DoIM QUALITY MANAGER INTO QSCO ACTIVITIES**
- Data management and reports for Cardiology “Get With the Guidelines” project
- Developed approaches for providing and measuring several projects with Care Transitions for heart failure patients: 72 hour phone calls, transfers to Skilled Nursing Facilities and Home Health, and collaboration with Native American Health Services
- Set up clinical alert system to multiple health professionals for identifying heart failure patients that qualify for GWTG and provides for clinical dialogue re: patient care
- ED to MICU project: initial data management and analysis
- Support for ongoing Quality Research projects and reports
- Development of ICU quality checklist database, iPad-based system for data collection and data analyses.
- Development of heart failure medicine reconciliation checklist database for 7South, iPad-based system for collection and data analyses
- Development of collaborative relationships with UNMMG, UH committees and data centers

**QUALITY/SAFETY-SPECIFIC EDUCATIONAL ACTIVITIES**
- Expansion of educational activities, with focus on residency and fellowship training
- Development of Quality Chief Residency position, with specific responsibilities of:
  - Develop and provide educational support for individual resident outpatient quality projects
  - Act as liaison with Internal Medicine residency and fellowship programs for DoIM Quality and Safety activities
  - Develop collaborations with UH Nursing units on which DoIM residents work, focused on ongoing Nursing Quality and Safety initiatives and programs
  - Develop and complete research project in Quality and Safety and for presentation and publication
- Coordinated and co-managed Quality Education Seminar (QES) series for residents and fellows at UNM School of Medicine
  - Aligned and co-managed seminar series with Office of Quality and Safety, University Hospital
- Grand Rounds, Executive Committee reports, Divisional meetings, Internal Medicine Residency Thursday School

**RESEARCH / COMPARATIVE EFFECTIVENEMNT ACTIVITIES**
- “Variables associated with increased sepsis mortality risk in patients with cirrhosis” (C. Quintana, MD)
- “Effect of increased fluid volume resuscitation to higher CVP levels in patients with severe sepsis” (S. Hayatdavoudi, MD)
- “Mortality effects of the timing of initial antibiotics during Early Goal-Directed Therapy of severe sepsis in Emergency Department patients admitted to the MICU: the UNM experience” (R. Crowell, MD; J. Femling, MD; W. Demaray).

**RISK MANAGEMENT / PATIENT VULNERABILITY**
- Strengthened ongoing relationship with Risk Management groups in UH and SOM
- Identify risk issues, address intermittent risk and vulnerability problems as the arise
- Began project to improve PSN reporting by DoIM residents
CREDENTIALING
- Refined Credentialing / re-credentialing process
- Incorporate OPPE into ongoing credentialing, and optimize the use of information obtained into ongoing provider evaluation processes within the DoIM

DOCUMENTATION IMPROVEMENT
- Co-leader of Documentation Improvement Project Rapid Improvement Program as part of UNMH’s Revenue Value Stream. DoIM as pilot program for further Documentation Improvement planning

QSCO – CLINICAL OPERATIONS

DOIM BUSINESS OFFICE
- Continued work on billing, optimizing charge capture
- Continued to monitor productivity, collections
- Continued to provide feedback: Monthly metrics, Specific Division or provider feedback (Monthly, Special requests)
- Evaluated billing/coding patterns, charge capture processes: Provided feedback for improvement (provider, division levels); educational activities (Individual providers, divisions), (fellows, resident documentation training
- New process for patient list submission was identified as best practice and implemented for Hospitalist Medicine.
- Coding & Documentation training – Divisions, Individual Faculty, Fellows, Residents
- Created UNM DoIM Specialty Dictation Templates
- Clinical Metric presentations by Division, Programs
- Presentation of Department clinical metrics at DoIM Executive Committee meeting
- Individual Provider Productivity reports distributed to all providers on a quarterly basis
- Quarterly Procedure Reports distributed to all providers
- Ongoing assessment of Provider productivity
- Ongoing monitoring of revenue and wRVUs
- 58% increase in collections over past 5 years
- 6% increase in collections from FY11-FY12
- 40% increase in wRVUs over past 5 years
- 4% increase in wRVUs from FY11-12
- Development of Sleep center expansion pro-forma

CLINICAL PRACTICE

Outpatient care issues on 5-ACC
- Applied for additional staff to facilitate transition to “single specialty group practice” model in separate pods
- Move of General Medical Clinic to Southwest Mesa facility completed, adding additional space for medical specialties
- Completed LEAN sessions to analyze and reorganize front-office operations
- “Owner” for “tweak” and rollout of UNM HSC Best Practices in Ambulatory Care Chassis at Medical Specialties clinics and Sleep Disorders Center
Clinics Offsite
- Concept approved for combined research and clinic building funded by DCI and negotiations/approvals ongoing; finalize plans and initiate building construction
- Move completed of Truman Street Clinic to new location, renamed Truman Health Services; participated in Strategic Planning Committee
- Pulmonary Hypertension Clinic began operation at 1101 Medical Arts Ave NE
- Diabetes Comprehensive Care Center moved to 5-ACC

Ease of Practice
- Physician Advisory Group “Effective Model(s) to Empower Medical Directors Work Group. Final report forwarded to UNMMG Board of Directors for action
  - Develop management education opportunities for medical directors: UNM Medical Leadership Academy created
  - Develop more effective reward system for staff productivity that aligns with unit director/medical director goals: medical assistant career ladder modified
- Advocated and led planning for after-hours answering service
- Active participation in Ambulatory Value Stream Task Force and participated in development of UNM HSC Best Practices in Ambulatory Care Chassis

Shared Decision-making Task Force (SOM Faculty and UNMH managers)
- Leader in development of Unit director/medical director collaboration on all management decisions including budget; shared goals: in effect for many clinical units
- Extend collaborative management to more senior levels: dyads created or identified

Sandoval Regional Medical Center
- Development of inpatient care model including role of internal medicine specialty physicians
- Recruitment of hospitalists (including Section Chief) and subspecialty faculty
- Developed plans for outpatient specialty practices
- Pro-forma submitted for SRMC-based Sleep Disorders Center and project approved and initiated

**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**

**INTERNAL MEDICINE QUALITY GROUP (IMQG)**
- Expand UH alignment activities
  - Further UH Quality and Safety committee involvement of DoIM QSCO representatives
  - Integrate DoIM QSCO into Strategic Planning Goals for UNM Health System

**MORTALITY REVIEW**
- Revise Departmental and Divisional M&M conferences to reflect system-based approaches to address adverse events
- Improved reviewer web-based form planned for 1/2014

**PROCESS REVIEWS**
Initiate process reviews for major adverse events for DoIM procedures, both inpatient and outpatient.
• Review all processes for identifying, documenting, measuring, and review of procedures performed by DoIM personnel

EDUCATIONAL ACTIVITIES
• Continued expansion of Quality and Safety resident educational activities
  o Establish Quality and Safety curriculum for DoIM residency
  o Expand “adopt-a-ward” educational activities to additional inpatient wards, outpatient clinics
• Continued work on Quality Seminar Series with further expansion to faculty in DoIM, throughout SOM
• Develop educational support for DoIM personnel via website

QUALITY CHIEF RESIDENCY
• Expand support for DoIM residency outpatient Quality Improvement projects
• Lead effort to improve PSN-based safety reporting including development of feedback mechanisms, identification of common themes, development of Quality Improvement projects to address these themes
• Lead “adopt-a-ward” expansion to other UNMH wards and outpatient clinics
• Continued to provide liaisons service training for DoIM Quality and Safety offices and support

RESEARCH / COMPARATIVE EFFECTIVENESS ACTIVITIES
• Expand processes to facilitate Research, Quality Improvement, and Comparative Effectiveness projects for residents and fellows

CREDENTIALING
• Participate and lead in UH-wide revision of credentialing guidelines, format, processes

QSCO – CLINICAL OPERATIONS

DOIM BUSINESS OFFICE
• Ongoing assessment of Provider productivity
• Ongoing monitoring of revenue and wRVUs
• Continued collaboration with UNMMG coding staff to increase individual Provider education
• Continued reporting of clinical metrics

CLINICAL PRACTICE

Outpatient care issues on 5-ACC
• Expand the Diabetes Comprehensive Care Center
• Successful application for renovation of 5-ACC outpatient clinics; initiated continued movement of pricing and specialty clinics to optimum outpatient care

Offsite Clinics
• Continue planning for Nephrology’s research and clinic building
• Develop proforma and implement Transition West side Allergy Clinic to SRMC
• Continue to expand services to Truman health service clinic including travel clinic and LGBT primary care clinic
• Execute plan for Senior Health Center and Division of Geriatrics and Palliative Care Medicine reorganization
Ease of practice

- Finalize provider component of UNM HSC Best Practices for Ambulatory Care chassis
- Advocate for improved integration of mid-levels with clinical units; help develop plan for
- Continued participation in Ambulatory IT Advisory Group, Ambulatory Health System Council and Ambulatory Value Stream Task Force

Sandoval Regional Medical Center

- Fine-tuning of inpatient care model including role of internal medicine specialty physicians
- Develop outpatient specialty practices in SRMC MOB or other locations as they come on line
- Continued support in recruitment and development of specialty care faculty positions as requested including SRMC Sleep Laboratory

National Presentations and Professional Activities by the Office

- Garcia, M. “Initiative to Improve ACEI/ARB Compliance in Heart Failure” Presented at the AAMC Integrating Quality Meeting, June, 2013
**Office of Research**  
**Annual Report: July 1, 2012 – June 30, 2013**

David S. Schade, MD  
Professor  
Vice Chair for Research, Department of Internal Medicine

**Significant Developments During the Academic Year 2012-2013**

The Department of Internal Medicine’s Office of Research supports and encourages faculty and with their sponsored project endeavors, and strives to foster an environment which will enhance research activity and strengthen the competitiveness of the School of Medicine in securing external funding.

**Key Accomplishments in FY 2013**

- **Blueridge Institute for Medical Research (BRIMR),** reports that total NIH funding for the University of New Mexico School of Medicine in 2012 was $43,395,686. Of this amount, the Department of Internal Medicine Faculty throughout the SOM received $8,552,811.00, comprising 19.7% of the funding.

**Proposals**

- Throughout the UNM-Health Science Center, 66 Internal Medicine faculty members submitted 198 proposals requesting $45,090,766 in external funding. Submissions were made directly through Internal Medicine, as well as through the Cancer Research and Treatment Center, the CRTC New Mexico Tumor Registry, Center for Infectious Disease and Immunity, the Clinical and Translational Science Center, and the SOM Dean’s Office.
- 120 of these proposals, totaling $23,652,398, were submitted directly through Internal Medicine.

**Awards**

- Throughout the UNM-Health Science Center, 51 Internal Medicine faculty members received 139 awards totaling $30,313,173. Awards were made directly to Internal Medicine, as well as through the Cancer Research and Treatment Center, the CRTC New Mexico Tumor Registry, Center for Infectious Disease and Immunity, the Clinical and Translational Science Center, and the SOM Dean’s Office. The SOM received $130,644,977 in new funding, and awards to DOIM faculty comprised 23.2% of this amount.
- 86 of these awards, totaling $18,314,809 were awarded directly through the Department of Internal Medicine.

**Funding Attributes**

- Among the awards, DOIM received funding for 27 new Clinical Trials and 32 subawards.
- Federal Funding continues to be a principal source of extramural awards, comprising approximately 37% of all funding through direct awards and pass-through subawards. State funds comprised 18% and private/industrial funds saw a large growth, and accounted for approximately 45% of all new awards.
- NIH funded 19 awards directly to DOIM faculty and the large majority of subawards received were also NIH pass-throughs.
Three DoIM Faculty with joint Veteran’s Administration appointments received an approximate $1.5 million in new awards, in the form of “Merit Grants” funded directly by the VA.

Thirteen proposals were submitted through BRINM totaling $6,884,177. Four awards were received totaling $685,768.

Among the awards was a $500,000 USDA grant awarded to Dr. Ravi Durvasula to continue his Paratransgenics studies.

The DoIM Office of Research provided $9,000 to support travel by 9 fellows and residents presenting abstracts at national and regional meetings.

Four Endocrinology fellows traveled to present at the AFMR Western Division meetings at Carmel, CA in January 2013, 2 Fellows traveled to the National Sleep Conference in Baltimore, MD, while 1 Fellow presented an abstract at the Society of Critical Care Medicine in Puerto Rico. DOIM was also represented by a Nephrology Fellow presenting a poster at ASN Kidney Week in San Diego, CA.

Proposals Submitted & Awards Received by Type of Funding Agency
(Via DoIM, CIDI, CRTC/Tumor Registry, CTSC, VA/BRINM)

FY 2013

DOIM FACULTY WITH VA APPOINTMENTS

- Three DoIM Faculty with joint Veteran’s Administration appointments received an approximate $1.5 million in new awards, in the form of “Merit Grants” funded directly by the VA.
- Thirteen proposals were submitted through BRINM totaling $6,884,177. Four awards were received totaling $685,768.
- Among the awards was a $500,000 USDA grant awarded to Dr. Ravi Durvasula to continue his Paratransgenics studies.

TRAVEL FUNDS

- The DoIM Office of Research provided $9,000 to support travel by 9 fellows and residents presenting abstracts at national and regional meetings.
- Four Endocrinology fellows traveled to present at the AFMR Western Division meetings at Carmel, CA in January 2013, 2 Fellows traveled to the National Sleep Conference in Baltimore, MD, while 1 Fellow presented an abstract at the Society of Critical Care Medicine in Puerto Rico. DOIM was also represented by a Nephrology Fellow presenting a poster at ASN Kidney Week in San Diego, CA.

OTHER RESEARCH PROGRAMS

Research requires financial resources. In most cases, this means available funds for investigators to acquire sufficient pilot data to successfully apply for peer reviewed funding. These funds can vary from small amounts for
such items as “publication costs” to larger, more costly items such as technical help or major equipment. To this end, the DoIM has initiated (in cooperation with the HSC) funding programs to support both junior investigators and experienced, research funded faculty.

SEED GRANT PROGRAM
Dr. J Rush Pierce and Dr. David Schade, together spearheaded the creation of the SEED Grant Program, to spur interest in research among faculty. SEED grants up to $10,000/year are made available to all DoIM Faculty. Priority will be given to: a. new investigators (within 5 years of initial academic appointment) b. projects in comparative effectiveness research that use existing databases or create new databases c. projects that study educational innovations, methodologies or effectiveness d. projects that involve a learner as co-investigator e. projects that include collaboration and mentorship f. projects that will enhance an investigator’s competitiveness for extramural funding.

- In FY 2013, DoIM awarded the first SEED grant to Dr. Ali Saeed for his project entitled, “A novel detection method of non-small cell lung cancer in the mediastinal lymph node aspirate obtained by endobronchial ultrasound using multiplex bead based biomarker profiling.”

SMALL GRANTS FOR RESEARCH
DoIM’s-Office of Research manages a small grants program available to all DoIM faculty. It provides awards up to $500 for miscellaneous research items necessary to complete projects, support medical student and resident projects, and pay for publication costs. A rapid approval process assures timely funding for all investigators.

- In FY 2013 the Office of Research provided 1 grant for $500 each to Dr. Matt Bourchonville for Assay Development of Apolipoprotein A1 and Apolipoprotein B Measurement

RESEARCH ALLOCATION COMMITTEE (RAC) GRANTS
The primary mission of the HSC RAC fund is to support the career development of junior faculty at UNM who are in the early stages of career development and initially establishing their first research programs. Secondary goals are to cover emergency needs between periods of extramural funding (bridge funding) and to fund developmental projects/pilot project initiated by any faculty (junior or senior).

- In FY 2013 DOIM submitted 10 RAC proposals and 3 RAC awards were received totaling $74,718.
  - Gregory Davenport, Reducing invasive non-typhoidal salmonellosis $24,978
  - Karol Dokladny, The Effect of Heat Stress Response on Autophagy $25,000
  - Prashant Nighot, Role of CIC-2 in the Intestinal Tight Junction Barrier $24,740

CTSC PILOT PROJECTS
As part of the School of Medicine’s large CTSC award, NIH has identified the need to speed the movement of clinical research findings into the everyday practice of health care delivery. The purpose of this award is to support pilot projects to produce preliminary data for competitive NIH grant proposals in clinical and translational (T1, T2, T3, and T4) research that utilize the CTSC infrastructure.

- In FY 2013 DoIM submitted 16 pilot projects applications, and received 8 awards totaling $175,849.
  - Marianne Berwick, Vitamin D Deficiency and its Association with Impaired Fasting Glucose Among Elderly New Mexicans $13,438
  - Thomas Byrd, Identification of efflux pump inhibitors to potentiate antibiotic effects against Mycobacterium abscessus $25,000
SCHOLARSHIP IN EDUCATION ALLOCATIONS COMMITTEE (SEAC) GRANTS

The SEAC Program, which is supported through funding from the Dean and administered by the SOM Office of Education, is designed to stimulate and enhance the scholarship of education at the University of New Mexico School of Medicine.

- In FY 2013, DOIM received 2 SEAC Awards:
  - Michelle Harkins, The ABCDE of Prevention and Safety in UNM Intensive Care Units
  - Deepti Rao and Michel Boivan, Inpatient Medicine Attending Curriculum in Ultrasound-Guided Paracentesis and Thoracentesis

SPACE

In FY 2013- DOIM acquired new space in the following areas:

**TriServices Building**
- The Translational Informatics Division in the DoIM, has occupied the renovated space in the Tri-Services building. This space was needed to house the multiple servers and computers which are required for their research studies. The wiring and cooling configuration for electronic equipment has proven to be ideal for the TID.
- The Center for Digestive Disease Research has occupied a large part of the -3rd Floor; this space includes approximately equal amounts of wet and dry research space. Specific plans to recruit additional basic and clinical researchers in the area of gastroenterology is being spear-headed by Dr. Thomas Ma, Division Chief of GI.
- DoIM has agreed to assume additional space (approximately 3,112 sq ft.) relinquished by Pathology on the third-floor. Renovations of this space will begin in early 2014.

**ACC 4th Floor**
- Renovation of 1400 sq ft, on the fourth floor was completed. The Hospitalists group now occupies this prime space.

**Biomedical Research Facility (BRF)**
- In consideration of acquiring space in the Tri-Services building, DoIM agreed to vacate approximately 4046 square feet of office and lab space in the BRF for occupancy by Anesthesiology. DoIM-Office of Research directed the relocation efforts, and the mutually agreed upon transition should be completed by late Fall 2013.

**Medical Building #2**
- 518 square feet of space in Med 2 was reallocated to the Department of Internal Medicine. Specifically, Rooms 130 and 131 were reallocated from the Clinical and Translational Sciences Center to Dr, Mark Unruh, DoIM Division of Nephrology.

Ivy Hurwitz, Development of a Paratransgenic Approach to Control Clostridium Difficile Infections $23,000
Subramani Mani, A Proteomic Biomarker Profile for Early Detection of Necrotizing Enterocolitis $29,115
Tudor Oprea, Identification of Caspase Inhibitors for Treatment of Neurodegenerative Disorders $17,806
Veena Raizada, A study on the visual activity evoked by infrared in humans after dark adaptation $30,000
Akshay Sood, Bronchial Epithelial Transcriptomic Profiles of Asthma $29,990
Matthew Bouchonville, Assay Development of Apolipoprotein A1 and B Measurement $7500
**FAMIS**
- The Department as a whole, has collaboratively utilized and maintained the FAMIS Space Database, to comprehensively track all DoIM space, including wet and dry lab space
- DOIM’s successfully participated in the UNMHSC wide Space Audit

**OTHER ACTIVITIES**
In FY 2013, the department provided financial incentives to those who served on the Promotions and Tenure Dossier Review Committee. During this year, the Office of Research monitored attendance by the department’s representatives and provided reimbursement when the faculty member fulfilled their commitment.

Through the use of bulletin boards and e-mail notices, the Office of Research keeps faculty and staff apprised of new developments in the Office of Research, the Pre-Award Office, other HSC offices, and NIH and other funding agencies. The office also disseminates information on new opportunities to obtain external funding. Faculty members are encouraged to discuss any difficulties or obstacles they face when conducting research activities. This allows the Office of Research to act as a liaison between the HSC Pre-Award Office, the Financial Services Division, other faculty, and staff to effectively resolve any issues and to accelerate the department’s research enterprise.

DoIM’s Office of Research also provided significant assistance in the following areas:
- proposal development assistance, including project budgeting, and navigating new online submission portals
- reviewing and obtaining departmental endorsement of applications for external sponsored funding
- collaborating with HSC Post-Award Office and DoIM’s Accountants for the compliance, post-award monitoring and oversight of accounts
- maintenance of sponsored project data for the Department
- Assisted faculty with IRB applications, amendments and renewals, became familiar with CLICK IRB, the University’s new HRPO submission portal

**NATIONAL PRESENTATIONS AND PROFESSIONAL ACTIVITIES BY THE OFFICE**
Dr. David Schade continues to represent DOIM on committees that ultimately promote and showcases the Department’s research. He is a member of the Research Allocation Committee, the Research Strategic Planning Committee, and the SOM Space Committee. He attends all regularly scheduled meetings and disseminates pertinent information to the Department. At the request of the Chairman of the DoIM, Dr. Schade also serves on the VA BRINM Committee, which reviews funding for VA investigators. It meets quarterly and also includes a daylong retreat.

**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**
Marisa Sanchez will renew her membership with the National Council of University Research Administrators to keep abreast of national trends in research administration. Additionally, she attended 4 research centered symposiums, both on the Main Campus and the HSC Campus and regularly attends the Financial Services Monthly business meetings. Her attendance at a full day seminar offered by the Human Research Protection Office has enabled her to assist faculty with their IRB needs.

- Continue to assist faculty and administrative staff with all applications for external funding.
• Keep current with University and agency policies and procedures affecting research and funding by attending meetings, and becoming an active member of the Research Administrators Network, the National Council of University Research Administrators, and attend available online seminars offered by the National Institutes of Health, and the UNM-HSC Office of Research.
• Inform departmental faculty and staff of changes in policies and procedures affecting both conducting research and securing funds for support.
• Monitor research activities—contract and grant proposals and awards—by division and disseminate the results as requested.
• Dr. Schade will continue to be active in efforts to recruit faculty with strong investigative background. Whenever possible, new faculty recruits are expected to come with peer reviewed funding or the strong likelihood of future research funding. Thus, divisions are encouraged to include research as a criterion for hiring.
• Increase membership in national research organizations and presentations at national meetings and encourage submission of peer review publications. The DoIM’s Office of Research may be able to provide direct financial support to faculty and trainees for travel, meeting registration, and per diem for scientific publications.
• The DoIM Office of Research coordinates the Hallway Awards Program which is designed to recognize and reward individuals who, consistent with the departmental mission, have gone above and beyond their formal, identified job duties to exceed the needs of our patients, visitors, faculty and staff.

ADMINISTRATION

DoIM Office of Research will continue to serve as a resource for faculty interested in pursuing scholarly research activities, and will strive to make the grant application system more enabling.
Ravi Durvasula, MD
Professor
Chief of Medicine for New Mexico VA Health Care System
Vice Chair for VA Affairs, Department of Internal Medicine

Henry C. Lin, MD, Associate Chief of Medicine and Section Chief, Division of Gastroenterology, VA Medical Center

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

GOALS

- Support the academic careers of DoIM faculty
- Promote the academic mission of DoIM
- Expand the research portfolio of DoIM
- Develop innovative curricula for education of house staff
- Provide unique clinical training opportunities for house staff
- Leverage resources of VHA to strengthen DoIM

EDUCATION

- **Hospitalist curriculum**: a comprehensive curriculum covering seminal topics of Internal Medicine over 52 blocks has been implemented for the education of residents and students.

- **Quality-related research**: outcomes research activities related to in-patient care of conditions such as diabetes have been incorporated into a curriculum for house-staff education.

- **Medical Informatics**: a revised curriculum for ambulatory internal medicine residents is under development to incorporate medical informatics and population registry-driven care.

- **Outcomes and Translational Medicine**: VA-based faculty (Murata, Hoffman, Charlton) are involved in didactic education in programs such as Masters in Clinical Science, Global Health and Internal Medicine residency.

- **Rural health initiatives**: these educational efforts dovetail with population-based programs.

- **Telemedicine**: VA-based faculty members have participated in several elements of Project ECHO; Dr. Murata has played a leading role in outcomes analysis and education of students and house-staff.

- **Training to Medical, PA, Nursing, Pharmacy students and all residents and fellows.**

- **Women’s Health SCAN ECHO**: In 2012, the Women’s Health SCAN ECHO clinic for VISN 18 was initiated. This collaborative project services the NMVAHCS, Phoenix VA, Tucson VA, and Big Springs VA. Women’s health education is offered through monthly teleconferences using current consult cases and ObGyn Specialists from Arizona, Women’s Health providers from NMVAHCS, and primary care providers from the VISN.

- **Chief resident led programs**: Morning report, case reviews, M&M conferences, Sub-specialty focused conferences.

- **Medical student directed programs**: Group teaching, individual preceptorship, formal didactics.
• **Patient teaching task force.** House staff education has been facilitated by overhauling teaching models, using web based teaching tools. 29 topics based on the Society of Hospital Medicine Guidelines and Recommendations were chosen for revision and implementation.

• **Advanced preceptorship for 3rd year medical students in subspecialty area.**

• **Interdisciplinary quality improvement conference:** Introducing to house staff and medical students the principals and practice of integrating qi processes into daily routines of patient care.

• **Mentoring house staff in presenting at ACP and other professional society meetings.**

• **Phase 1 and Phase II Teaching:** Contributing to phase I and II teaching and contributing to the update and revision of phase II lecture series for medical students.

• **Additional Contributions:** Contributing to Thursday school lectures for house staff, module based teaching for second year medical students, subspecialty lecture, journal club, case presentation and didactics at the division level.

**Research**

• Growth of research program and research-track faculty continues at the VA Medical Center.

• VERA reimbursement, the indirect costs generated by VA research was $9,150,842 in 2012

• Overall, the NM VA is ranked #22 in the country for research funding.

• Currently, New Mexico VA Health Care System is the leading research center of VISN 18, the Southwest VA System.

**Center of Excellence in Cellular and Molecular Medicine**

• This basic science center opened in Feb 2008 and is the flagship of the Medicine Service research program in laboratory science.

• Currently 19 faculty are based in the Center.

• Nearly $20 million in extramural grant support has accrued to faculty members of this Center.

• Nearly 50 UNM-based trainees at all levels are associated with the Center. These include UNM undergraduate students, medical students, residents, fellows, graduate students and post-doctoral fellows.

• Areas of expertise represented in the Center include GI, ID, Pulmonary, Geriatrics, Endocrinology and Rheumatology.

• The Center houses 9 faculty with RO1 and R21 grants (Drs. Ma, Lin, Boedeker, Durvasula, Gresham, Hall, Villarel, DuClos and Mao)

• There are 7 faculty members with VA Merit Review grants.

• The Center offers a State-of-the-Art training facility for research in molecular biology, cell science, paratransgenics, microbiology, vector biology, immunology and vaccinology.

• UNM house staff/students have published nearly 50 papers, abstracts and chapters in the past 5 years through affiliation with Center faculty.

• Infectious diseases faculty members have published more than 20 papers in last year alone.

• The Center offers highly specialized labs in fungal pathogenesis (Dr. Lee), paratransgenesis (Dr. Durvasula), epithelial cell biology (Ma), gut microbiology (Drs. Lin, Boedeker), vaccine development (Dr. Gresham), immune mediators (Dr. DuClos), metabolic bone diseases (Dr. R. Villarel) and cancer biology (Dr. Mao).
An additional 40,000 sq ft of research space is planned. New research space opened in 2011 includes 4000 sq ft of wet labs (Bldg 67). In 2013, 10,000 sq ft of wet labs and animal care facilities will be opened (Bldg. 10). Over 90% of research is housed within Medicine Service. This allows for ongoing recruitment of physician-scientists.

**THE VA CENTER FOR HEALTH INFORMATICS AND OUTCOMES RESEARCH**
- This Center is the research arm of DOIM’s Academic General Internal Medicine Division.
- Leadership of this Center comes from Glen Murata, MD.
- This Center houses three faculty currently with 2 major research and training grants.
- This Center was recently awarded one of seven VA National SCAN Center grants in partnership with UNM ECHO.
- Planned additions of faculty to the Center include those with primary appointments in Geriatrics, Heme-Onc, Nephrology and General Medicine.
- The VA Center for Health Informatics and Outcomes Research maintains a partnership with CTSC and MCS Programs at UNM.
- The Center plays a leading role in Rural Health Research.
- The Center plays a leading role in VHA Quality Initiatives such as Diabetes care, CRC screening, Women’s health, High-risk patient registries.
- Partnership with DOIM and HSC in development of a Medical Informatics Program is underway, with the aim of creating a New Mexico Informatics Repository.
- Over the past year, informatics section has shifted its emphasis to the development of health analytics that support system redesign in the areas of diabetes, cardiovascular risk management, chronic kidney disease, chronic pain, congestive heart failure, medication safety, and prostate and colorectal cancer screening.
- Mentoring faculty and chief resident and specialty fellows.

**CARDIOLOGY**
- In 2012, two new Cardiac Catheterization Labs opened, playing an important role in Education and training of Cardiology Fellows.
- The VA has a full-service Electrophysiology Program, which plays a key role in Cardiology Fellowship training.
- Interventional cardiology with all its offerings is now housed in our new cath labs.
- All cardiology services are consolidated in one location facilitating training of our house staff.

**GASTROENTEROLOGY**
- The VA Medical Center Medicine Service houses a $7 million GI Procedures Suite that leads all VA facilities in the nation in RVU’s, providing opportunities for new faculty and fellows.
- Advanced therapeutic endoscopy room dedicated to interventional pancreatico-biliary procedures has been funded and will be constructed in 2014 with greater opportunities for clinical training of house staff.
GERIATRICS
- Medicine Service houses a state-of-the-art NIH-funded Exercise Center for Exercise and Elderly Frailty Studies Dr. D. Villareal, PI. Dr. Villareal, Professor of Geriatrics has several NIH and VA Merit Review grants and recently had a landmark article in NEJM on exercise and the elderly. This Center actively recruits elderly veterans in NM and is a valuable clinical translational facility.

HOSPITAL MEDICINE
- A 24-hour Hospitalist Service is underway with the hiring of 2 nocturnists and still actively seeking a 3rd. This provides continuous resident supervision and education.
- Project RED has been initiated in our facility to improve our CHF care and readmission rate.
- Addition of mid-level providers to teaching service has facilitated teaching and learning by reducing time spent by house staff in the care of their patients.

PULMONARY AND CRITICAL CARE MEDICINE
- Sleep Medicine was introduced as a new subsection. The new, interim, 4-bed Sleep disorder Center at NMVAHCS opened in April, 2013, while planning for a permanent, state of the art Sleep Center is underway. The new center not only provides much needed, top quality care for the veterans, but also offers opportunities for education and research. A new, integrated UNM-NMVAHCS sleep fellowship program was established, and one of the first graduates of this program, Dr. Lana Wagner, joined the faculty as the sleep Center Director in July, 2013. The development of the Sleep Disorder Center was made possible via a $5 million DoD-VA Joint Incentive Award to Dr. Jenny Mao, Section Chief of Pulmonary, Critical Care and Sleep Medicine at NMVAHCS, with clinical stewardship from the Director of the Consultative Services, Dr. Oleh Hnatiuk.
- Successful recruitment of Dr. Oleh Hnatiuk, a highly experienced clinician-educator, has strengthened the teaching of pulmonary medicine to house staff and medical students.

INFECTIOUS DISEASES
- We have transformed the VA ID section to the highest total clinical productivity (inpatient and outpatient encounters) in our cluster of VA’s nationally, which currently stands at 125% of expected productivity. We currently have 3 outpatient ID clinics a week (Travel/Consult, HIV primary care, Outpatient Antibiotic/Consult) and a busy inpatient service. Current projections anticipate continued annual increases in clinical productivity and workload.
- Greatly expanded our ID-HIV patient census over the past 5 years, from 79, to now >150. This brings in substantial VERA dollars to the facility. We perform active outreach and HIV education; patients have stayed in our clinic due to satisfaction with the care provided. In addition, our HIV screening rates have tripled in the past year due to a collaborative effort with Ambulatory Care.
- The VA has provided leadership for development of a joint VA/UNMH antimicrobial stewardship program, working closely with Pharmacy at the VA and UNMH. This program is estimated to save the VA an estimated >$100,000 per year in antimicrobial costs, with continued expansion in progress.
- Provided leadership for the ID Outpatient Antibiotic Treatment (OPAT) program in close cooperation with VA Pharmacy, including management of administrative, logistical, and financial issues. This program is estimated to save the VA approximately $3 million/year in avoided inpatient hospital costs (2200 inpatient bed days).
**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**

- Continued growth in basic science and outcomes research portfolios remains a top priority. Recruitment of physician scientists in Cardiology, GI, ID, General Medicine, Nephrology and Geriatrics is ongoing.
- Increased efforts for joint appointments of research faculty are underway, to bridge UNM and VA missions.
- Expanded curricula for house staff will ensue from the myriad clinical and translational activities of VA-based faculty.
- Fellowship training and mentorship continues to expand and greater participation of fellows and junior faculty in hypothesis-driven research is a priority.
- The VA Medical Center’s Medicine Service continues to strive for national prominence. An immediate goal is to break into the top 10 in the country in research funding while establishing informatics-driven clinical practice that sets the standard for the nation.

**PUBLICATIONS FROM INTERNAL MEDICINE FACULTY AT THE NMVAHSC**

**PULMONARY, CRITICAL CARE AND SLEEP MEDICINE SECTION, NMVAHCS**

Jenny Mao, MD


Toru Nyunoya, MD


Oleh Hnatiuk, MD

2. **Hnatiuk OW.** What is the role of PFTs in monitoring adverse effects of surgery, drug treatments, radiation therapy, and during hospitalization? Respir Care. 2012 Jan;57(1):75-82; discussion 82-84. doi: 10.4187/respcare.01467. Review.
INFECTIOUS DISEASES SECTION, NMVAHCS

Ravi Durvasula, MD


Samuel A. Lee, MD Ph.D


Susan Kellie, MD, MPH


Marcos Burgos, MD


**GERIATRICS SECTION, NMVAHCS**

Dennis Villareal, MD


ENDOCRINOLOGY DIVISION, NMVAHCS

Reina Villareal, MD


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<td>Cystic Fibrosis Foundation</td>
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ACADEMIC DIVISIONS
SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

EDUCATION

Dr. Richard Snider has been appointed as Associate Fellowship Training Program Director.

Dr. Bart Cox has delivered a number of interactive lectures on the management of heart failure and complex medical diseases as part of Project ECHO-HF. Dr. Cox also contributed to several AHA-GWTG-HF national-level webinar sessions.

Drs. Warren Laskey and Diane Dodendorf were speakers for the March 21, 2013 American Heart Association nationally broadcast webinar entitled, “Development of HF Performance Measures: Process, Barriers, and Spinoffs”. In addition, Dr. Diane Dodendorf presented on June 26, 2012, “Roadmap to the Target: Heart Failure Honor Roll”.

Dr. Gerald Charlton has been very active with the VA informatics group. The latter group provides support for educational and research projects for faculty and housestaff.

Dr. Veena Raizada participated in educating the medical students during the following courses:
   • Phase I: CV/Pulmonary/Renal Block - Clinical Skills
   • Phase II: Internal Medicine Clerkship
   • Heart Sounds and Murmurs. Small groups at BATCAVE
   • ECG Interpretation. Small Groups at BATCAVE

RESEARCH AND SCHOLARLY ACTIVITIES

National Level

The National Institute on Aging and the National Science Foundation provide support for The UNM-UCSB Tsimane Health and Life History Project. This is a joint health and anthropology project aimed at understanding the impacts of ecology and evolution on the shaping of the human life course. The UNM Division of Cardiology is providing expertise in interpretation of Cardiac Echo and Carotid Ultrasound and the Cardiology Division's Echocardiography lab is providing CORE functions such as data processing, storing, and quality control of all cardiovascular images. This project Supports 0.1FTE for Dr. Achrekar.

The Heart Station and Echolab, under the direction of Dr. Kirsten Tolstrup, and with Dr. Achrekar as the Co-PI for the echo project, serves as the echo Core Lab for a large NIH sponsored trial studying the Tsimane Population in Bolivia. This is a collaborative effort with Dr. Hillard Kaplan, Dept. of Anthropology as the PI. Almost 1,000 ECG’s and transthoracic echocardiograms are being measured and interpreted in our lab providing unique and novel data on the cardiac function and physiology in this indigent population.
Dr. Carlos Roldan completed work on his 5th year NIH sponsored RO1 grant entitled “Libman-Sacks Endocarditis and Neuropsychiatric Systemic Lupus Erythematosus”, and is in the process of applying for additional funding.

Dr. Gerald Charlton presented a poster entitled “Impact of Project Scan Telehealth Implementation and Patient Registries on Practice Patterns and HbA1c in Veterans with Diabetes” at the VISN 18 Research Meeting, Phoenix AZ, August, 2012.

Dr. Warren Laskey continues to serve on the American Heart Association’s Get With the Guidelines Science Committee as well as the CAD and HF Clinical Working Groups. Publication output from the collective activities of these GWTG working group exceed 60 publications over FY ’13. (see individual publications under faculty publications)

Dr. Robert DuBroff is the principal investigator in the study, ‘A Clinical Trial of Ayurveda for Coronary Artery Disease’. Dr. Vasant Lad, director of The Ayurvedic Institute, is a co-investigator. They hope to determine if Ayurveda can favorably alter biomarkers of cardiovascular disease and risk factors in patients with established coronary artery disease.

CLINICAL OPERATIONS

Under the capable direction of Sharilyn Woloschuck, Heart and Vascular Medical Director, and the individual medical program directors, the division has, overall, maintained an overall level of activity commensurate with the size of the work-force. Figures 1 and 2 illustrate the visit counts and hospital billings, respectively, over the 4 cost centers of our program. Changes from year prior reflect within-division variables (loss of providers, replacement of providers) as well as variables external to the division (changes in payor mix, changes in patient referral pattern, etc).

Two areas in particular deserve particular attention- the “West Side” and the off-site Heart Failure Clinical at Medical Arts.

West Side effort

The joint effort between UNMMG and DoIM has focused on the “DuBroff-Achrekar” clinic at 4808 McMahon Boulevard NW and represents the division’s attempt to garner a more predictable referral base on the West Side. Drs. Robert DuBroff and Abinash Achrekar continue to work at this effort and have been able to maintain, if not modestly grow, their volumes. The arrivals of the long-awaited nuclear cardiology system at this clinic in FY’14 will further facilitate this growth.

The need for a cardiology service at the recently opened SRMC in Rio Ranch has strained current divisional manpower resources. Dr. Hamid (Harry) Hai, recruited into the division after his successful locum tenens tenure, has provided these consultative services on a part-time basis. It is hoped that with the recruitment of an additional C-E faculty person, that Dr. Hai will transition to a full-time presence at SRMC in FY’14.
The Heart Failure Clinic

Drs. Bart Cox and Wyatt Voyles, and our two superb mid-level providers, each certified by the AAHFN (American Association of Heart Failure Nurses), continue to provide expert care to a growing number of complex and elderly patients with heart failure, either as a principal diagnosis or as an important co-morbidity. The Heart Failure effort, in general, and the clinic, specifically, is the focal points for the division’s highly successful and visible quality and outcomes programs (see below). We acknowledge Drs. Bart Cox and Wyatt Voyles, mid-level providers Elaine Stack and Mary Hawkins and nurses Bonnie Richardson, Elizabeth Sisneros, Teresa Blea, medical assistant Nicole Re, Joe Anderson, PharmD, and front-line customer service representative, Drusilla Gould for this outstanding team-effort.

COMMUNITY ACTIVITIES

The UNM Adult Congenital Heart Disease Program has been recognized by the Adult Congenital Heart Association (http://www.achaheart.org/home/clinic-directory/details.aspx?id=130), a national nonprofit organization dedicated to providing information, support and resources to lay persons and providers on matters pertaining to ACHD.

Dr. Abinash Achrekar continues to provide the greater ABQ community with advice on health and wellness via a monthly column “The Good Doctor” in the Albuquerque IQ magazine. In addition, Dr. Achrekar has been appointed to the local chapter of the American Heart Association’s Executive Board.

Dr. Warren Laskey will continue to serve as President of the New Mexico Chapter of the American Heart Association. This past year, Dr. Laskey represented the AHA in this organization’s support at the legislature level for 2013 Bill S 198: AN ACT RELATING TO HEALTH CARE; ENACTING A NEW SECTION OF THE EMERGENCY MEDICAL SERVICES ACT TO PROVIDE FOR DEPARTMENT OF HEALTH CERTIFICATION OF HOSPITALS AS STEMI RECEIVING CENTERS OR STEMI REFERRING CENTERS; PROVIDING FOR RULEMAKING which requested support from the NM legislature for the following initiatives: A) New Mexico DOH STEMI Designation Statute & Initiative; B) Proposed New Mexico State Heart Attack Registry. The bill was passed and funding will be appropriated for the creation of a state-wide registry and database for STEMI care. In his role with the AHA, Dr. Laskey will be working with DOH officials to establish this program.

ADMINISTRATION

- Dr. Mark Sheldon has been appointed Director of the Cardiac Catheterization Laboratories at UNM.
- Dr. Richard Snider was appointed Associate Fellowship Program Director.
- Dr. Gerald Charlton continues to serve as Director, VISN 18 Project SCAN-ECHO.
- Dr. Warren K. Laskey continues to serve on the UNMH Board of Trustees as a member-at-large.

QUALITY AND OUTCOMES PROGRAM

Foremost on this list is the designation of the UNM Advanced Heart Failure program by the Joint Commission (www.jointcommission.org), placing our program in a truly elite category (only 19 such programs in the country at this time). This large-scale effort, organized and spear-headed out of the division of cardiology, is constituted by over 40 individuals, each from a different area of UNMH but all dedicated to the integrated care of Heart Failure patients. Additional recognition in the form of the Gold Award from the AHA-GWTG program, as well as mention in US News and World Report, reflect the wide-spread importance of this effort.
As a result of our participation in the GWTG program, authorship on 20 individual publications in peer-reviewed journals represents the continuing commitment of the division of cardiology to the area of Quality and Outcomes assessment.

HONORS AND AWARDS

- The division/hospital was the recipient of Joint Commission’s certification for our program in advanced heart failure. [http://www.qualitycheck.org/qualityreport.aspx?hcoid=9425](http://www.qualitycheck.org/qualityreport.aspx?hcoid=9425)
- The division/hospital received a #1 rating from the AHA’s Get With the Guidelines Target: Heart Failure effort [http://www.heart.org/idc/groups/heart-public/@wcm/@private/@hcm/@gwtg/documents/downloadable/ucm_442019.pdf](http://www.heart.org/idc/groups/heart-public/@wcm/@private/@hcm/@gwtg/documents/downloadable/ucm_442019.pdf)
- Dr. Bart Cox received the Internal Medicine Unsung Hero of the Year Award

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION

- Continued multi-faculty participation in FY ’14 in the 18th Annual Update and Review of Internal Medicine.
- Dr. Veena Raizada will continue her innovative course with the medical school Phase I and Phase II Medical Students during their cardiovascular block.
- With the establishment of our Valvular Heart Disease Clinic, Dr. Kirsten Tolstrup and colleagues will be developing an educational curriculum for referring physicians and other providers on guideline-based management strategies for patients with valvular heart disease.
- The above will be part of the division’s overall focus on valvular heart disease, in general, and aortic valve disease, specifically. The TAVR (trans-arterial valve replacement) program, a collaborative effort between the cardiology and CT surgical divisions represents a clinical, educational and operational undertaking. A large part of this undertaking will be dedicated to patient and provider education.

RESEARCH AND SCHOLARLY ACTIVITIES

- Dr. Warren Laskey will continue to serve on the American Heart Association’s Get With the Guidelines Science Committee as well as the CAD and HF Clinical Working Groups.
- Dr. Warren Laskey will serve as Vice-Chair for a multi-disciplinary writing group (Clinical Expert Consensus Documents) under the aegis of the American College of Cardiology on the subject of Radiation Safety in the Practice of Cardiology.
- Dr. Bina Ahmed will continue her sponsored studies of coronary microvascular function in women.
- Drs. Bina Ahmed and Warren Laskey, in collaboration with the Division of Epidemiology and Biostatistics, will continue their outcomes analysis of patients with acute myocardial infarction in the National Inpatient Sample.
- Dr. Gerald Charlton, in conjunction with other divisional faculty, will be using the VA database to conduct clinical effectiveness research in heart failure patients who received implantable cardiac devices.

Dr. Robert DuBroff will be continuing his studies of the clinical effectiveness of Ayurveda. Dr. DuBroff will be collaborating with Dr. Vasant Lad, Director of the Ayurvedic Institute, in a study entitled 'A Clinical Trial of Ayurveda for Coronary Artery Disease'.
CLINICAL OPERATIONS
It is anticipated that a “Cardiovascular Service Line” will be initiated in FY’14. The service line is a horizontally and vertically integrated operation representing the common work and interests of the divisions of cardiology, CT surgery and vascular surgery. The primary purpose of service lines is to enhance operational and fiscal efficiency of the specific service. The day-to-day and longer term relationships between SOM faculty, UNMH administrative personnel and other stakeholders will be crucial to the success of this venture. Of paramount importance will be the re-activation of the plans to construct an off-site, multi-disciplinary outpatient clinic where the above sub-specialties will meet, and work.

The Valvular Heart Disease Program- a joint effort between the divisions of CT surgery and cardiology-represents another inter-disciplinary aspect of our clinical operation and will provide the necessary foundation for a TAVR program.

QUALITY AND OUTCOMES PROGRAM
The division remains committed to providing the highest quality and best outcomes in the realms of coronary artery disease and heart failure. By serving to lead the statewide effort for STEMI care, noted above, the division will move from its present focus on outcomes of patients with STEMI from within the institution to around the state. The aforementioned Registry will serve as a mechanism to report, and analyze, best practices as well as serve as an instrument for CQI.

Continued efforts to identify additional faculty to assist in the HF clinic is a top priority. The increasing number and complexity of these patients requires additional manpower. The division will be piloting a “telemonitoring” program for HF patients using implantable sensors. Whether this decreases or increases the manpower requirements to “monitor the monitor” will be an area of intensive activity.

The division’s continued outstanding performance in the GWTG program may allow us to participate in the important AHRQ program and database. The latter is an increasingly used nation-wide repository of important long-term outcomes in patients with HF and represents a unique opportunity for investigatively-inclined faculty.

COMMUNITY ACTIVITIES
The division of cardiology will be actively engaged, along with UNMH, the New Mexico Department of Health and the American Heart Association in the effort to designate specific sites around the state as “STEMI receiving” and STEMI sending” sites. In addition, we will be actively engaged in the working with NM DOH in the establishment of a New Mexico State Heart Attack Registry wherein outcomes of centers providing STEMI care will be recorded, shared and utilized for quality improvement efforts. Most notably, since the Registry resides within the DOH, public access to such data supports the mandate of the Affordable Care Act and renders such outcome data as fully transparent.
**APPOINTMENTS**

**FACULTY**

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<td>Kirsten Tolstrup, MD</td>
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<td>8/1/2012</td>
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<td>Hamid Hai, MD</td>
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**STAFF**

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<td>Brenda Pacheco</td>
<td>Physician Assistant</td>
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**SEPARATIONS**

**FACULTY**

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<td>Mark Ricciardi, MD</td>
<td>Associate Professor of Medicine</td>
<td>10/19/2012</td>
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**STAFF**

None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

Jonathan Abrams, MD
N/A

Abinash Achrekar, MD
N/A

Bina Ahmed, MD

**BOOKS, CHAPTERS AND ARTICLES**


Gerald Charlton, MD
N/A
Bart Cox, MD  
N/A

Robert DuBroff, MD  
N/A

Hamid Hai, MD  
BOOKS, CHAPTERS AND ARTICLES  

Milton Icenogle, MD  
N/A

Shmuel Inbar, MD  
N/A

Warren Laskey, MD  
BOOKS, CHAPTERS AND ARTICLES  


Larry Osborn, MD
N/A

Veena Raizada, MD

BOOKS, CHAPTERS AND ARTICLES


D. Michelle Ratliff, MD
N/A
14. Macias L, Schievuch A, Roldan PC, Qualls CR, Sibbitt WL, Middendorf J, Roldan CA. Aortic Intima-Media Thickness by M-mode or 2-Dimensional Semi-Automated Imaging: Do these Methods Provide Equivalent Results? Presented at the AHA Atherosclerosis, Thrombosis, and Vascular Biology on 4-2013 Scientific


**Mark Sheldon, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Richard Snider, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**T. Timm, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Kirsten Tolstrup, MD**

**BOOKS, CHAPTERS AND ARTICLES**


Wyatt Voyles, MD

BOOKS, CHAPTERS AND ARTICLES

Michael West, MD

BOOKS, CHAPTERS AND ARTICLES


**OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF**

Jonathan Abrams, MD
N/A

Abinash Achrekar, MD

**COMMUNITY OUTREACH**
- Monthly health and wellness column titled "The Good Doctor" in the Albuquerque Local IQ Magazine

Bina Ahmed, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**
- Invited Moderator-American Heart Association Scientific Sessions 2012
- Sex lipids and Drugs- Heart of Lipid Disorders. Albuquerque, NM

**JOURNAL/EDITORIAL REVIEWER**
- Reviewer, Circulation, Quality and Outcomes
- Reviewer, American Heart Journal
- Reviewer, Journal of Invasive Cardiology
- Reviewer, Journal of Thrombosis and Thrombolysis
- Abstract Grader, AHA and ACC Scientific Sessions

Gerald Charlton, MD

**PROFESSIONAL AFFILIATIONS**
- Fellow, American College of Cardiology
- Member, American Heart Association Clinical Council
- Member, American Society of Echocardiographers
- Member, American College of Physicians

Bart Cox, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**
- Presenter during the 16th Annual Update and Review of Internal Medicine 2012

**PROFESSIONAL AFFILIATIONS**
- American College of Cardiology
- Heart Failure Society of America
- American Heart Association
- International Society for Heart and Lung Transplantation

Robert DuBroff, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**
- Program Chair for the Heart of Lipid Disorders Conference
- Presenter during the 16th Annual Update and Review of Internal Medicine 2012

**PROFESSIONAL AFFILIATIONS**
- National Lipid Association
- Society of Vascular Ultrasound
- American College of Cardiology
- American Heart Association
Hamid Hai, MD
N/A

Milton Icenogle, MD
N/A

Shmuel Inbar, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Presenter during the 16th Annual Update and Review of Internal Medicine 2012

Warren Laskey, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Presenter during the 16th Annual Update and Review of Internal Medicine 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• American Journal of Cardiology
• American Heart Journal
• Journal of the American College of Cardiology
• Annals of Internal Medicine
• Catheterization and Cardiovascular Diagnosis
• Chest
• Circulation
• Circulation Research

JOURNAL/EDITORIAL REVIEWER
• ACC Abstract Reviewer, Annual Scientific Sessions
• AHA Abstract Reviewer, Annual Scientific Sessions

EDITORIAL BOARD
• Editorial Board, Catheterization and Cardiovascular Diagnosis
• Editorial Board, Current Controlled Trials in Cardiovascular Medicine
• Editorial Board, Cardiovascular Engineering
• Editorial Board, Cardiology
• Editorial Board, Journal of Alternative and Complementary Medicine

COMMUNITY OUTREACH
• President, Board of the New Mexico Chapter of the American Heart Association

PROFESSIONAL AFFILIATIONS
• Abstract Session Moderator, Annual Scientific Sessions
• Abstract Session Moderator, AHA Annual Scientific Sessions
• Member, AHA GWTG Quality Improvement Sub-committee
• Member, AHA GWTG Science Sub-Committee
• Member, AHA GWTG HF Clinical Work Group
• GWTG CAD Clinical Work Group
• Member, FDA Circulatory System Devices Advisory Panel
• Special Government Employee, CDRH, FDA
• Fellow American College of Cardiology
• Fellow, Society for Cardiovascular Angiography and Interventions
• Member, Cardiovascular Systems Dynamics Society
• Fellow, American Heart Association Council on Clinical Cardiology
• Fellow, American College of Physicians
• Chairman, DSMB Toshiba Core 320, A Multi Center study combined Non-invasive Coronary Angiography and Myocardial Perfusion Imaging using 320-Detector Computed Tomography
• Member, DSMBPLC Medical Systems, A Study to Evaluate RenalGuard ® System Safety and Efficacy When Compared with Standard Care in the Prevention of Contrast Induced Nephropathy in the Setting of a Catheterization Laboratory.

Larry Osborn, MD
N/A

Veena Raizada, MD
N/A

D. Michelle Ratliff, MD

PROFESSIONAL AFFILIATIONS
• American Association of Cardiovascular and Pulmonary Rehabilitation
• Society for Simulation in Healthcare
• Society for Cardiovascular Computed Tomography
• American Heart Association
• American College of Cardiology
• American Society of Echocardiography
• American Medical Association

Carlos Roldan, MD

JOURNAL/EDITORIAL REVIEWER
• New England Journal of Medicine
• American Journal of Cardiology
• Journal of American College of Cardiology
• Journal of Rheumatology
• Seminars in Arthritis & Rheumatism
• Arthritis & Research Care
• Journal of the European Society of Echo
• Lupus

PROFESSIONAL AFFILIATIONS
• American Society of Echocardiography
• American Society of Nuclear Cardiology
• American College of Cardiology
• American Heart Association Council on Clinical Cardiology
• American College of Physicians
Mark Sheldon, MD
N/A

Richard Snider, MD
N/A

T. Timm, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**

**REVIEWER OR EDITORIAL CONSULTANT**
- MedEdPORTAL (www.aamc.org/mededportal) submission reviewer, 2009 - present

**PROFESSIONAL AFFILIATIONS**
- American College of Cardiology
- American Heart Associate
- American College of Physicians
- Association of American Medical Colleges
- National Board of Medical Examiners - USMLE Step 3 Computer Based Simulation Committee
- Liaison Committee on Medical Education (LCME) - site visitor

Kirsten Tolstrup, MD
N/A

Wyatt Voyles, MD
N/A

Michael West, MD

**PROFESSIONAL AFFILIATIONS**
- American College of Cardiology
- American Heart Association
- Heart Rhythm Society
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Arthur D. Bankhurst, MD
Professor of Medicine
Chief, Division of Clinical Immunology and Rheumatic Diseases

**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013**

We continue to run the Division of Rheumatology with three full time UNM physicians and two full time VA physicians who constitute the divisional attending staff at UNM, VAMC, IHS-PHS (Albuquerque), Carrie Tingley Juvenile Arthritis.

Aside from its extensive educational and clinical program, the Division continues to have the research activities supported by external funding from the pharmaceutical industry.

**EDUCATION**
- The Division organizes an annual New Mexico Rheumatic Disease Conference in Santa Fe each year. The meeting in April 2013 attracted more than 65 providers, including essentially all of the rheumatologists from New Mexico and several from El Paso, Texas, and Durango, Colorado. The faculty included four internationally known individuals and was supported by unrestricted education grants from the pharmaceutical industry.
- The Division’s educational activities in the Phase I and II curriculum will become a leader within the Department (as measured per divisional faculty). Participation details:
  - Foundations of Clinical Practice (Drs. Bankhurst, Fields, Konstantinov, & Sibbitt)
  - Genetics (Dr. Konstantinov)
  - Immunology (Drs. Bankhurst, Fields, Konstantinov, & Sibbitt)
  - Transitions (Drs. Bankhurst, Fields, & Sibbitt)
- Dr. Bankhurst presents the majority of the rheumatology talks at the Santa Fe IM Update.
- Dr. Bankhurst conducts the weekly CME Rheumatology conference for Project ECHO.

**RESEARCH AND SCHOLARLY ACTIVITIES**
- The Division has had a productive research program and plans to continue its efforts in clinical rheumatology and immunology.

**CLINICAL OPERATIONS**
- Overall, the Rheumatology practice has improved such that we can accommodate new referrals within two weeks. This outpatient service has by far the shortest waiting time for new patients.
- The Division of Rheumatology was awarded a $250,000.00 gift to increase patient care. The Division decided to utilize the funding to open an evening clinic and is now operating a successful evening clinic under the auspices of the Southwest Arthritis Foundation. The clinic is staffed by Dr. Bankhurst and Dr. Sibbitt.
• Roderick Fields, MD, joined our faculty at the University of New Mexico in September 2011 and has established a busy practice.
• The Division’s clinical activities have been greatly enhanced by the addition of Gladys Cook, CNP, who is training as a specialist rheumatology provider.

COMMUNITY ACTIVITIES
Dr. Arthur Bankhurst is the Medical Director for the Rheumatology TeleECHO Clinic.

HONORS AND AWARDS
Arthur Bankhurst, MD and Wilmer Sibbitt, MD: Stellar Consultant Award
The Primary Care Medical Directors Group is pleased to announce that Drs. Arthur Bankhurst and Wilmer Sibbitt from the Division of Rheumatology, Department of Internal Medicine have been presented the Stellar Consultant Award by UNM/HSC providers as outstanding consultants who have exceeded expectations in assisting primary care providers with the care of their patients. Winners were nominated by primary care providers, who remarked that, for many years, Drs. Bankhurst and Sibbitt have made themselves easily accessible, when their assistance was needed with complex Rheumatologic problems. Through telephone consults, Project ECHO training, and co-management of patients, these doctors have helped improve the lives of our patients.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
Formalized Ultrasound, Pediatric Rheumatology for the Fellows boards, and other Neuro-Electro Diagnostics & Sports Medicine.

RESEARCH AND SCHOLARLY ACTIVITIES
The Division plans to continue its efforts in clinical rheumatology and immunology.

CLINICAL OPERATIONS
The Division plans to continue its efforts in clinical rheumatology and immunology.

COMMUNITY ACTIVITIES
The Division will continue to participate in community activities including the CME Rheumatology conference for Project ECHO.

ADMINISTRATION
A new Unit Administrator with outstanding credentials will start in August 2013. We anticipate that the administrative activities will transition easily.

APPOINTMENTS

FACULTY
None

STAFF

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**PUBLICATIONS OF THE DIVISION AND FACULTY**

**Arthur Bankhurst, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Terry Duclos, MD, PhD**

N/A

**Roderick Fields, MD**

N/A

**Konstantin Konstantinov, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Wilmer Sibbitt, MD**

**BOOKS, CHAPTERS AND ARTICLES**


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Arthur Bankhurst, MD

INVITED LECTURES: REGIONAL OR NATIONAL
- Bankhurst A. Approach to Inflammatory Arthritis: Seropositive and Seronegative Disease, New Mexico Nurse Practitioner Council Meeting, Santa Fe, New Mexico, May 8, 2013.

COMMUNITY OUTREACH
- Project ECHO, Medical Director or Rheumatology

PROFESSIONAL AFFILIATIONS
- National Arthritis Foundation
- Regional Chairman
- Education Council for MIT
- Western Society for Clinical Investigation
- American College of Rheumatology

Terry Duclos, MD, PhD

JOURNAL/EDITORIAL REVIEWER
- Scandinavian Journal of Immunology
- The Journal of Immunology
- Digestive Diseases and Sciences
- Mol Their Nucleic Acids

PROFESSIONAL AFFILIATIONS
- Dr. Peter Sun NIH, NIAD, Chief of Structural Immunology Section
- The Kunkel Society
- American College of Rheumatology

Roderick Fields, MD

PROFESSIONAL AFFILIATIONS
- Fellow: American College of Rheumatology
- Member: Dona Ana County Medical Society

Konstantin Konstantinov, MD

JOURNAL/EDITORIAL REVIEWER
- Editor, Journal of Medicine and Medical Research (launched 2014)
- Reviewer, Clinical Rheumatology, Arthritis Care and Research, Rheumatology, Clinical and Developmental Immunology
- Reviewer, VA Research Service Grant Proposals, NM VA HCS, Albuquerque

PROFESSIONAL AFFILIATIONS
- American Association for Chronic Fatigue Syndrome (1996)
- Danish Dermatological Society (1989)
• British Society for Investigative Dermatology (1989)
• European Society for Dermatological Research (1988)
• Bulgarian Dermatological Society (1984)

Wilmer Sibbitt, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Grand Rounds Neurology 2012
• Grand Rounds Psychiatry 2013

JOURNAL/EDITORIAL REVIEWER
• Journal of Rheumatology
• Arthritis and Rheumatism
• Seminars in Arthritis and Rheumatism
• Military Medicine

GRANT REVIEWER
• NIH Reviewer Neurosciences, NIH Special Emphasis Panel, July 2013

COMMUNITY OUTREACH
• Indian Health Services 48 half day Rheumatology clinics per year
• UNM Sandoval County 150 half day Rheumatology clinics per year

PROFESSIONAL AFFILIATIONS
• American College of Rheumatology
• Western Society for Clinical Investigation
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**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013**

David S. Schade, M.D., Chief, Division of Endocrinology, continues to be principal investigator for three NIH-funded grants, the Diabetes Prevention Program Outcomes Study (DPPOS), the Epidemiology of Diabetes Intervention and Complications (EDIC), and Type 1 Diabetes TrialNet. In 2013 he became the principal investigator for a fourth NIH-sponsored grant, Glycemia Awareness in Diabetes: A comparative effectiveness study (GRADE). He is Vice-Chair, Office of Research, in the Dept of Internal Medicine. He serves as a member of the School of Medicine Research Allocation Committee, and the School of Medicine Research Space Committee. He was instrumental in developing an MOU between the Endocrine Division and the Dept of Neurosurgery for endocrine faculty and fellows to participate in a bi-weekly Pituitary Neurosurgery clinic.

Reina Villareal, M.D., is Associate Professor of Medicine and Acting Section Chief of Endocrinology at the VAMC. She attends in the VA Bone Clinic and General Endocrinology Clinics. She teaches endocrinology to medical students, residents, and Endocrinology fellows. She attends Endocrine Division meetings, Journal Clubs, and Case Conferences. She spends 50% of her time doing research. She meets regularly with Dr. Schade to review the progress of the VA Endocrinology Division in meeting the missions of the DoIM.

Dr. Richard Dorin is Professor of Medicine & Biochemistry at UNM School of Medicine. Dr. Dorin attends on the inpatient Endocrine Consult Service at the VA all months of the year, and attends on the inpatient Medical Service at the VA one month yearly. Dr. Dorin supervises students, residents, and fellows at two outpatient Endocrine Clinics weekly. He attends and participates in the weekly Endocrine Division case conference, and in monthly journal club and endocrine-pathology conferences.

Dr. Mark Burge contributes to Endocrinology clinical activities by providing one half-day clinic and attending for ten weeks on the endocrine service. He provides exceptional teaching by mentoring medical students, giving lectures in the Endo teaching block, giving fellow didactic conferences, Board Review sessions, and teaching medical residents rotating through endocrinology. He provides research administrative duties as Deputy Director of the Clinical and Translational Science Center.

Dr. Kathleen Colleran is a major contributor to the Endo Division’s clinical care. She has two one half day clinics, Thyroid Ultrasound Clinic once every three weeks, and shares supervision of the Endo Fellow’s clinic Thursday afternoon. She has initiated several research projects as well as undertaking two pharmaceutical studies. Dr. Colleran has an extensive role in Project ECHO, which mandates frequent travel, locally, regionally, and nationally. Additionally, she conducts regular three-day training programs for ECHO trainees.

Dr. Patricia Kapsner has one half-day general endocrinology clinics per week, one half day Diabetes Comprehensive Care Center clinic per week and a half day Thyroid Biopsy Clinic with ultrasound guided FNA biopsy of thyroid nodules on a shared basis with Drs. Colleran and Bouchonville. She also attends Fellow Clinic on a shared basis with other faculty members. She also provides endocrine consultative service to her colleagues in other divisions and departments. Additionally she provides care to a large and unique transsexual population, again frequently providing their primary care as well as endocrine care. Dr. Kapsner is the program director for our fellowship program in Endocrinology and plays an integral role in the education of medical students and residents. She lectures and functions as a tutor in the Phase I Endocrinology-Reproductive Medicine block. Dr. Kapsner facilitates
the education of Phase II and Phase III medical students and housestaff as they rotate through the required Comprehensive Ambulatory Clerkship and Endocrinology elective and she has received much positive feedback from them. She has also participated as a speaker in several CME events put on by the Department of Internal Medicine and its divisions.

Matthew Bouchonville, M.D., Assistant Professor of Medicine joined the Endocrinology Division in July 2011. He is Associate Fellowship Program Director and Director of the Inpatient Diabetes Service. He assists in all of the educational functions of the Endocrinology division: didactics, Board Review, Journal Club, Case Conference, etc. He has four half day clinics in the Diabetes Comprehensive Care Center, plus one Endocrinology Clinic. He attends in the Fellow Clinic on a rotating basis with the other endocrine faculty and staffs the Thyroid Biopsy Clinic on a shared schedule with Drs. Kapsner and Colleran. He assisted two fellows in the preparation and submission of their abstracts to the AFMR meeting in Carmel, CA. Their submissions were accepted and published in the Journal of Investigative Medicine in January 2013.

EDUCATION
Dr. Kapsner has been a leader in the Department’s diabetes initiatives. She is co-chair of the Diabetes Disease Management Team and plays a pivotal role in the development of UNM’s Diabetes Comprehensive Care Center.

Our second year fellows, Rina Patel-Trujillo and Hung Nguyen, provided excellent clinical care, as did our first year fellows, Kasra Navabi and Justin Jaghab. All four fellows presented abstracts at American Federation for Medical Research in Carmel, CA in January 2013, two of them presented two. The fellows also attend the annual Bone Symposium in Santa Fe, NM in August with two days of education in osteoporosis prior to the symposium.

All of the fellows rotate through three months of Bone Clinic, Pediatric Endocrinology Clinic, Reproductive Endocrinology and Metabolic Clinic.

All of the fellows present articles and participate in all monthly meetings of the Journal Club.

The entire faculty members of the Endocrinology Division were listed in the Albuquerque: The Magazine publication for “The ABQ Physicians chosen by fellow docs as the best in their specialties” in March 2013.

All fellows individually prepared and were accepted for poster presentation at the American Federation of Medical Research in Carmel, California in January 2013.

RESEARCH AND SCHOLARLY ACTIVITIES
All fellows in the Division of Endocrinology are expected to become involved in some of the many ongoing departmental research projects. The University of New Mexico has a strong reputation for producing important metabolic research. It is one of the foremost philosophies of the department that all endocrinologists, whether pursuing careers in academic or private medicine, need to develop an appreciation and understanding of the important scientific questions pertaining to metabolic disease and the methods used to address these questions in a laboratory or controlled clinical setting. Thus, it is a major goal of the training program that fellows develop their own interest and expertise in endocrinologic research.

Research activities are allotted equal time to clinical duties during the first two years of training, and an optional third year of training devoted entirely to research is available to individuals interested in an academic career. First year fellows spend three (3) months performing research with one of the department members, during which time they are expected to identify both a mentor among the department faculty and a potential research question to address during their second year. Second year fellows are allotted nine (9) months for research pursuits. Research duties are performed in conjunction with selected faculty members, and they include:

- The formulation of a relevant question and development of a plan for addressing the question scientifically.
- Drafting a description of the experimental protocol and guiding it through the necessary review process at UNM.
Patient recruitment and performance of all necessary clinical or laboratory studies.
Data analysis and preparation of scientific abstracts and/or manuscripts.
Presentation of study results at the appropriate regional or national scientific meetings.
Grant preparation in anticipation of becoming an independent investigator.

CLINICAL OPERATIONS
The Division of Endocrinology offers a comprehensive two-year training curriculum in the clinical aspects of Endocrinology, Diabetes, and Metabolism. Endocrinology fellows are assigned to clinical duties for nine months during their first year of training, and three months during their second year. Fellows (in conjunction with assigned Internal Medicine housestaff and students) participate in Inpatient Endocrinology consultations at two large, tertiary care hospitals which serve as referral facilities for much of the southwestern region: the 350-bed University of New Mexico hospital, and the 400-bed Albuquerque Veterans Administration hospital. Consultations typically cover the breadth of endocrinologic disease, allowing excellent exposure to challenging and rewarding problems in patient management.

The outpatient clinical experience is similarly diverse. The fellows attend weekly continuity specialty clinics at both the University and VA hospitals. First year fellows also participate in pediatric endocrinology and reproductive endocrinology clinics. This provides the opportunity to build a patient base and to follow patients long-term as diseases evolve and management issues change.

COMMUNITY ACTIVITIES
- **Mark Burge, M.D:** Dr. Burge spent one week in Diabetes Camp for the American Diabetes Association. Dr. Burge was president of the Western Society for Clinical Investigation from March 2012 to March 2013.
- **Kathleen Colleran, M.D:** Dr. Colleran spent one week in Diabetes Camp in July 2012 for the American Diabetes Association. She is also an Associate Editor for the *Journal of Investigative Medicine*. She is also a member of the NM Diabetes Advisory committee. She presented several Grand Rounds at New Mexico cities as a community outreach activity. She is also a Councilor of the Western Society of Clinical Investigation, a regional research society.
- **Patricia Kapsner, M.D:** Dr. Kapsner is a regular blood donor to the Albuquerque United Blood Services.

ADMINISTRATION
All of the members of the Endocrinology Division participate in the Administration of the Dept of Internal Medicine as well as the Health Sciences Committees. Some of the committees that members have participated in are as follows: Space Committee, Executive Committee, Adult Inpatient Medicine Committee, Biomedical Institute of New Mexico (BRINM) Committee to support VA investigators, Clinical and Translational Science Center Multidisciplinary Advisory Committee (MAC) - committee to oversee the progress for the CTSC Mentored Career Development Program scholars, Research Strategic Planning Committee (RSPC), Faculty and Tenure Review Committee, Search Committee, Sabbatical Committee, Chairman, and Human Research Protections Committee.

HONORS AND AWARDS
All members of the Endocrinology division were acknowledged in Albuquerque’s Top Docs feature in *Albuquerque The Magazine* 2013. The Endocrinology physicians at the University of New Mexico Health Sciences have consistently been recognized since the magazine started the feature in 2010.

Dr. David Schade was given the honor of the title of “Distinguished Professor.” The rank of Distinguished Professor is the highest faculty title that UNM bestows, and it is awarded to only a few of our most prominent faculty. Dr. Schade was one of only seven professors given the new title in 2012.
SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

- Dr. Schade will continue in all of the roles that he has currently undertaken as described in the previous year. He will continue to be principal investigator for five NIH-funded grants. He serves as Chief of Endocrinology and Vice Chair for Research in the Dept of Internal Medicine.
- Dr. Dorin will continue to direct clinical and teaching activities at the VA. He supervises the VA Cooperative Studies Peptide Resource Facility. He will conduct several pharmaceutical sponsored clinical studies, and continue as Chairman of the VA Animal Research Committee.
- Dr. Patti Kapsner will continue patient care and mentor fellows in her Endocrinology Clinics and Thyroid Nodule Clinic. She will also continue as the fellowship director and playing an active role in the education of medical students and residents. She is the Director of the Diabetes Comprehensive Care Center and will continue to provide direction for diabetes care and education for the division, and department, and the new Diabetes Comprehensive Care Center. Additionally she is pursuing additional industry sponsored clinical trials.
- For the next fiscal year, Dr. Burge will continue many of his activities in education and clinical service. He is Deputy Director of the Clinical and Translational Science Center.
- Dr. Colleran will participate in clinical duties and expand her research activities in clinical trials.
- Dr. Reina Villareal will continue as Acting Endocrine Section Chief, VAMC and will cooperate with Dr. Schade in reviewing the progress of the Endocrinology Section of the VAMC in meeting the missions of the DoIM. She will attend in the VA Bone Clinic and General Endocrinology Clinics. She will continue work on her new R01 grant.
- Dr. Bouchonville will continue to assist in all of the educational functions of the Endocrinology division: didactics, Board Review, Journal Club, Case Conference, etc. He will continue his work in the Diabetes Comprehensive Care Center and his Endocrinology Clinic. He will attend in the Fellow Clinic on a rotating basis with the other endocrine faculty and staff the Thyroid Biopsy Clinic on a shared schedule with Drs. Kapsner and Colleran. He will assist the fellows in the preparation and submission of their abstracts to the AFMR meeting in Carmel, CA. He will begin work on Project ECHO.
- Our second year fellows, Kasra Navabi and Justin Jaghab will do both clinical and research rotations.
- Our new first year fellows, Maryam Sharifi and Mohsen Tabrize began their Endocrine fellowships in July 2013. They will obtain clinical and research experience.

EDUCATION

The fellowship offered in the Endocrinology Division is a two-year program (with an optional third year dedicated to research). There are seven fulltime endocrine faculty to supervise four endocrine fellows. This ratio ensures personalized teaching and interaction.

Weekly board review and didactics material are reviewed by all fellows and led by individual faculty. Joint monthly conferences are held with Neurosurgery, ENT surgery, and Nuclear Medicine to ensure continuity of patient care.

The program includes rotations both at University Hospital and the Veterans Administration Hospital. It is a comprehensive program involving inpatient consultations, outpatient clinic visits, clinical conferences and commonly performed procedures, such as ultrasound-guided fine needle aspiration of the thyroid. Rotations through pediatric and reproductive endocrinology are scheduled during the fellowship.

Fellows are encouraged to develop a research project and to attend national scientific meetings.

RESEARCH AND SCHOLARLY ACTIVITIES
Research Activities will continue as above.

CLINICAL OPERATIONS
Clinical operations will continue as above.
COMMUNITY ACTIVITIES
Community Activities will continue as above.

ADMINISTRATION
Administrative activities will continue as above.

HONORS AND AWARDS
N/A

APPOINTMENTS

FACULTY
None

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SEPARATIONS

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PUBLICATIONS OF THE DIVISION AND FACULTY

Matthew Bouchonville, MD

BOOKS, CHAPTERS AND ARTICLES


Mark Burge, MD

BOOKS, CHAPTERS AND ARTICLES


Kathleen Colleran, MD
BOOKS, CHAPTERS AND ARTICLES

Richard Dorin, MD
BOOKS, CHAPTERS AND ARTICLES

R. Eaton, MD
N/A

Patricia Kapsner, MD
BOOKS, CHAPTERS AND ARTICLES
David Schade, MD

BOOKS, CHAPTERS AND ARTICLES


Reina Villareal, MD

BOOKS, CHAPTERS AND ARTICLES


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Matthew Bouchonville, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Grand Rounds Internal Medicine – Update: Glucose control in the hospitalized patient – Albuquerque, NM

COMMUNITY OUTREACH
• Thyroid/Diabetes Lecture, Casa De Salud

PROFESSIONAL AFFILIATIONS
• 1/2012-present Endocrine Society
• 6/2011-present American Diabetes Association
• 1/2011-present American Federation for Medical Research
• 7/2009-present American Association of Clinical Endocrinologists
• 2005-present Alpha Omega Alpha Medical Honor Society

Mark Burge, MD

JOURNAL/EDITORIAL REVIEWER
• Life Sciences
• Diabetes Care
• Diabetes
• Annals of Internal Medicine
• Southern Medical Journal
• Diabetes, Obesity and Metabolism
• JAMA
• Journal of Investigative Medicine
• Journal of Clinical Outcomes Management
• European Journal of Clinical Investigation
• American Journal of Medicine
• Journal of Clinical Endocrinology and Metabolism
• Endocrine Practice
• Diabetes Research and Clinical Practice
• Archives of Internal Medicine
• Digestive Disease and Science
• Diabetes, Obesity and Metabolism
• Editing and Service for Peer Review Journals: Associate Editor, Journal of Investigative Medicine, 1/01 to present.

EDITORIAL BOARD
• Associate Editor, Journal of Investigative Medicine, 1/01 to present.
COMMUNITY OUTREACH
- Dr. Burge is the director of the American Diabetes Association Diabetes Camp in the Jemez for a week every July.

PROFESSIONAL AFFILIATIONS
- American College of Physicians, 1988 to present.
- American Diabetes Association, 1992 to present.
- American Federation for Medical Research, 1994 to present.
- The Endocrine Society, 1996 to present.
- Drug Information Society, 2001 to present.
- Western Society for Clinical Investigation, 2002 to present.

Kathleen Colleran, MD
JOURNAL/EDITORIAL REVIEWER
- Southern Medical Journal, Journal of Investigative Medicine, Collegium Antropologicum, Journal of General Internal Medicine, Diabetes Care

EDITORIAL BOARD
- 2003-present Editorial Board Journal of Investigative Medicine

COMMUNITY OUTREACH
- Internal Medicine Grand rounds Pediatric Obesity: Ramifications for the internist
- Albuquerque, NM – Thyroid/Diabetes Lecture – March 2012
- Dulce, NM – Diabetes Conference “You are what you eat”
- Dr. Colleran attended the American Diabetes Association Diabetes Camp in July 2012

PROFESSIONAL AFFILIATIONS
- 2009-present NMCHWA
- 2009-present NMAPHA
- 2008-2011 Lily Advisory Council on Resident Education
- 2006-present Diabetes Advisory Counsel
- 2005-present AACE
- 2005-present New Mexico Health Care Organizations Take on Diabetes
- 1998-present American Diabetes Association
- 1997-present Endocrine Society
- 1997-present American Federation for Medical Research
- 1992-2010 American College of Physicians

Richard Dorin, MD
GRANT REVIEWER
- Dr. Dorin is a member of the Research Allocations Committee, which reviews grants biweekly.

PROFESSIONAL AFFILIATIONS
- American Federation of Medical Research
- American Association for the Advancement of Science
• Western Society for Clinical Investigation
• U.S. Endocrine Society
• American Diabetes Association
• Western Association of Physicians

R. Eaton, MD
N/A

Patricia Kapsner, MD

PROFESSIONAL AFFILIATIONS
• American Diabetes Association
• Society of General Internal Medicine
• The Endocrine Society
• American Association of Clinical Endocrinologists
• Leadership Council for Improving Cardiovascular Care

David S. Schade, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Update in Internal Medicine, Santa Fe, NM, October 2012

JOURNAL/EDITORIAL REVIEWER
• Annals of Internal Medicine
• Diabetes
• Diabetes Care
• Diabetologia
• Journal of Clinical Investigation
• Metabolism - Clinical and Experimental
• Journal of Physiology
• New England Journal of Medicine
• American Journal of Medicine
• Diabetes Technology and Therapeutics
• Journal Clinical Endocrinology and Metabolism

GRANT REVIEWER
• Dr. Schade reviews grants for the American Diabetes Association Grants Review Committee every six months.

PROFESSIONAL AFFILIATIONS
• American Federation for Medical Research
• American College of Physicians
• American Diabetes Association
• The Endocrine Society
• Western Society for Clinical Investigation
• American Association of Clinical Endocrinologists
Reina Villareal, MD

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Ad Hoc Reviewer for Calcified Tissue International, Annals of Internal Medicine, Clinical Nutrition

JOURNAL/EDITORIAL REVIEWER
• Managing Editor: Frontiers of Bioscience
• Editorial Board, Acta Medica Mediterranea
• Annals of Internal Medicine
• Clinical Nutrition

PROFESSIONAL AFFILIATIONS
• American College of Physicians
• American Association of Clinical Endocrinologist
• American Society for Bone and Mineral Research
• Endocrine Society
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<td>HSC-16258</td>
<td>George Washington University</td>
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SIGNEDNT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

The following highlights activities of the Division during the 2013 fiscal year.

EDUCATION
The Division of Epidemiology, Biostatistics, and Preventive Medicine has continued to actively teach medical students the basics of epidemiologic study design and biostatistics during the year. This program further expands the core medical school curriculum and is led by Dr. Charles Wiggins.

Dr. Marianne Berwick has led the epidemiology educational program in the CTSA’s Master’s of Science in Clinical Research this academic year and Cristina Murray-Krezan has led the biostatistics educational program in the same venue.

A proposal was submitted to HRSA to fund a residency training program in Preventive Medicine with Dr. Kesler as PI and director. This was awarded; two residents were selected from an outstanding pool of applicants, and the program is underway with two more residents added to the program in July, 2012. The Preventive Medicine Residency program completed a second year, training two more residents and recruiting another two, before external funding lapsed. The program will be in no-cost extension with HRSA and receive partial funding from the DoIM to complete its third year.

The Division became part of the discussion with Dr. Deborah Helitzer, ScD, and others involved in the planning process for a College of Public Health. Dr. Chuck Wiggins is assisting Dr. Helitzer with the preparation of programmatic materials to be presented to the Board of Regents.

RESEARCH AND SCHOLARLY ACTIVITIES
Faculty in the Division were involved in a broad array of research endeavors in areas that include cancer, environmental, and occupational health (see faculty grant support).

The Division managed its own contracts and grants portfolio totaling approximately 625,000 dollars, excluding those grants managed in conjunction with the Cancer Center and New Mexico Tumor Registry, and those managed in the Center for Global Health. Grants awarded in the Cancer Center and other Centers to Division Faculty account for another 4.6 million dollars. The New Mexico Tumor Registry received continued funding with an award of 14.5 million dollars for a seven year period from the National Cancer Institute.

CLINICAL OPERATIONS
Three primary faculty in the Division had clinical responsibilities: Dr. Kesler and Dr. Roeber Rice focused in the area of Environmental/Occupational Medicine and Dr. Hoffman, focused on screening for colorectal and prostate cancer. Dr. Hoffman has an appointment at the VA with his primary home in the Division of Epidemiology, Biostatistics, and Preventive Medicine.

A third physician with a focus in occupational medicine, Lesley Olivia Hopkins who completed her residency in our program, was recruited and hired as a Visiting Assistant Professor with a July 1, 2013 start date.
ADMINISTRATION
After 10 years of service, Dr. Marianne Berwick stepped down from her position as Division Chief on June 30, 2013. Dr. Edward Bedrick was appointed Interim Division Chief on July 1, 2013.

HONORS AND AWARDS
Dr. Berwick was honored as a Distinguished Professor in August, 2012. Kristina Flores received the AACR Minority Serving Institution Faculty Scholar Award in 2012.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE
The Division is currently recruiting 4 faculty in biostatistics. Two recruits will provide biostatistical support to the clinical trials research program in the UNM Cancer Center. The other two recruits will collaborate with faculty in the Division of Nephrology.

EDUCATION
Dr. Linda Cook and Dr. Marianne Berwick are spearheading an effort to develop a Ph.D. concentration in epidemiology in the BSGP program; they currently have two students in this program and have had several doctoral students “rotate” in either the “wet lab”, the Molecular Epidemiology Laboratory, or in the “dry lab”, working with Dr. Cook and SEER data.

RESEARCH AND SCHOLARLY ACTIVITIES
Refinement of the organizational structure for cancer prevention and outreach is expected to take place the hiring of Anita Kinney, Ph.D. from the University of Utah. Dr. Kinney will join UNM on August 1, 2013 as a Professor of Internal Medicine and as the new Associate Director for Cancer Control and Population Sciences in the UNM Cancer Center. Dr. Kinney is a world-renowned population scientist who has received international recognition for work in cancer prevention and control, disparities and behavioral epidemiology. Dr. Kinney will spearhead the Division efforts to partner with others in the UNMHSC community to pursue grant funding in the area of health disparities and will also assist in the development of the College of Public Health at UNM.

ADMINISTRATION
A national search is underway to recruit a Division Chief to replace Dr. Berwick.

APPOINTMENTS

FACULTY
None

STAFF

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<td>Salina Torres</td>
<td>Community Based Research Specialist</td>
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<td>Gwen Saul</td>
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SEPARATIONS

FACULTY
None

STAFF
None
Edward Bedrick, PhD

**BOOKS, CHAPTERS AND ARTICLES**


Marianne Berwick, PhD

**BOOKS, CHAPTERS AND ARTICLES**


Linda Cook, PhD
BOOKS, CHAPTERS AND ARTICLES


Multiple independent variants at the TERT locus are associated with telomere length and risks of breast and ovarian cancer. Nat Genet. 2013 Apr;45(4):371-84, 384e1. doi: 10.1038/ng.2566. PMID: 23535731


Kristina Flores, PhD

BOOKS, CHAPTERS AND ARTICLES


Melissa Gonzales, PhD

BOOKS, CHAPTERS AND ARTICLES


Deirdre Hill, PhD

BOOKS, CHAPTERS AND ARTICLES

Richard Hoffman, MD, MPH

BOOKS, CHAPTERS AND ARTICLES
Huining Kang, PhD

BOOKS, CHAPTERS AND ARTICLES

Denece Kesler, MD, MPH
N/A

Irena King, PhD

BOOKS, CHAPTERS AND ARTICLES


Julie Lovchick, PhD

BOOKS, CHAPTERS AND ARTICLES


Li Luo, PhD

BOOKS, CHAPTERS AND ARTICLES


Cristina Murray-Krezan, BS, MS

BOOKS, CHAPTERS AND ARTICLES


Orrin Myers, PhD

BOOKS, CHAPTERS AND ARTICLES

Heidi Roeber Rice, MD

N/A

Christine Stidley, PhD

BOOKS, CHAPTERS AND ARTICLES

Charles Wiggins, PhD

BOOKS, CHAPTERS AND ARTICLES
Janice Yager, PhD

BOOKS, CHAPTERS AND ARTICLES


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF
Edward Bedrick, PhD

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• NIH NCI P30 Ad-Hoc Member of Review Team for Kimmel Cancer Center

JOURNAL/EDITORIAL REVIEWER
• Dr. Bedrick reviewed 20 papers

EDITORIAL BOARD
• Associate Editor, The American Statistician
• Associate Editor, Journal of Statistics (Pakistan)

PROFESSIONAL AFFILIATIONS
• American Statistical Association
• International Biometric Society
• Institute of Mathematical Statistics

Marianne Berwick, PhD

INVITED LECTURES: REGIONAL OR NATIONAL
• MITF – A Rare but Strong Variant in Melanoma Risk. University of North Carolina, Chapel Hill, April 16, 2013

JOURNAL/EDITORIAL REVIEWER
• Dr. Berwick reviewed 40 papers

EDITORIAL BOARD
• Cancer Epidemiology, Biomarkers and Prevention
• Cancer
• Pigment Cell and Melanoma Research

GRANT REVIEWER
Final year of service on NCI Subcommittee A (attended 6 site visits and 3 parent committee meetings)

PROFESSIONAL AFFILIATIONS
- American Association of Cancer Research
- Society for Melanoma Research

EXTERNAL ADVISORY BOARD
- University of Illinois at Chicago
- Radiation Effects Research Foundation, Hiroshima, Japan
- Chaminade University, Honolulu, Hawaii
- Genetic Epidemiology Research Institute, University of California, Irvine

Linda Cook, PhD

INVITED LECTURES: REGIONAL OR NATIONAL

JOURNAL/EDITORIAL REVIEWER
- American Journal of Epidemiology
- Cancer, Causes and Control
- Canadian Journal of Public Health
- Cancer Epidemiology, Biomarkers and Prevention
- European Journal of Cancer
- International Journal of Cancer
- Journal of the American Medical Association (JAMA).

GRANT REVIEWER
- Career Catalyst Research Applications, Pre-Application Review, Susan B. Komen for the Cure, Dallas, Texas.

COMMUNITY OUTREACH
- Member, Albuquerque Southwest Tribal Epidemiology Center (AASTEC) Technical Advisory Council, Albuquerque, New Mexico.

PROFESSIONAL AFFILIATIONS
- Society for Epidemiologic Research (SER)
- American Public Health Association (APHA)
- Canadian Society for Epidemiology and Biostatistics (CSEB)
- American Association for Cancer Research (AACR)

Kristina Flores, PhD

JOURNAL/EDITORIAL REVIEWER
- Carcinogenesis

PROFESSIONAL AFFILIATIONS
- The American Association for Cancer Research
Melissa Gonzales, PhD

INVITED LECTURES: REGIONAL OR NATIONAL

JOURNAL/EDITORIAL REVIEWER
- Journal of Epidemiology
- Photochemistry and Photobiology
- Chronic Disease

GRANT REVIEWER
- NIEHS Environmental Health Centers (P30)

COMMUNITY OUTREACH
- Panel on Food Security at NMPHA/NMCARES Conference
- Panel on Navajo Birth Cohort Study at NMPHA/NMCARES Conference
- New Mexico CARES Health Disparities Center (NM CARES) Community Engagement Core CEC
- Intercultural Dialogues (12/13/12 and 1/17/13) Espanola, NM
- NM CARES Environmental Health Core – community-engaged research outreach in Albuquerque and Espanola

PROFESSIONAL AFFILIATIONS
- New Mexico CARES Health Disparities Center (NM CARES) Senior Fellow
- New Mexico CARES Health Disparities Center (NM CARES), Executive Committee
- UNM Cancer Center, GI Working Group
- National Alliance for Hispanic Health
- Scholars Strategy Network
- American Association for Cancer Research (AACR)
- AACR Molecular Epidemiology working group (AACR-MEG)
- Albuquerque Area Indian Health Board, TEC Advisory Council

Deirdre Hill, PhD

INVITED LECTURES: REGIONAL OR NATIONAL
- Breast Cancer Research Update. Presentation, UNM Cancer Center Women’s Cancers Program Retreat.
- Delayed Diagnosis and Treatment, Breast Cancer Survival, and Survival Disparities in Hispanic Women, Seminar, UNM Cancer Center Lecture Series, Population Sciences Program
- A Randomized Clinical Trial to Increase the Accuracy of Mammographic Interpretation, American Cancer Society Meeting of Staff and volunteers in NM. September 2012.
Richard Hoffman, MD, MPH

INVITED LECTURES: REGIONAL OR NATIONAL

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- American Urological Association Guideline 2013, Early Detection of Prostate Cancer.
- AHRQ Effective Health Care Program, 2013, Comparative Effectiveness of Therapies for Clinically Localized Prostate Cancer: An Update of the 2008 Comparative Effectiveness Review
- Article Consultant, Interpretation of the Medical Literature Project, National Board of Medical Examiners

JOURNAL/EDITORIAL REVIEWER
- JAMA
- Ann Intern Med
- J Gen Intern Med
- JAMA Intern Med
- Prostate Cancer Prostatic Dis
- Ann Fam Med
- Prev Med

EDITORIAL BOARD
- Medical Roundtable General Medicine

GRANT REVIEWER
- Phase I Scientific Reviewer, Patient Centered Outcomes Research Institute (PCORI), September 2012

COMMUNITY OUTREACH
• Speaker, New Prostate Cancer Screening Guidelines. Prostate Cancer Support Association, Albuquerque, New Mexico.

PROFESSIONAL AFFILIATIONS
• Society of General Internal Medicine
• American College of Physicians
• American Urological Association
• Senior Fellow, New Mexico Center for the Advancement of Research, Engagement, & Science on Health Disparities
• Adjunct Scientist, Lovelace Clinic Foundation. Albuquerque, New Mexico

Huining Kang, PhD
JOURNAL/EDITORIAL REVIEWER
• Statistical reviewer for Journal of Clinical Oncology

PROFESSIONAL AFFILIATIONS
• American Association for Cancer Research
• American Society of Hematology
• American Statistical Association
• Association of Chinese-American Engineers and Scientists, New Mexico Chapter
• Association of Chinese Agricultural Applied Mathematics

Deneces Kesler, MD, MPH
INVITED LECTURES: REGIONAL OR NATIONAL
• Maintenance of ABPM Board Certification through the ACOEM MOC Part 4 Program, presented 4/30/13 at the Annual Occupational Health Conference sponsored by the American College of Occupational and Environmental Medicine, Orlando, FL

PROFESSIONAL AFFILIATIONS
• American College of Preventive Medicine
• American College of Occupational and Environmental Medicine
• Rocky Mountain Academy of Occupational and Environmental Medicine
• Association of Occupational and Environmental Clinics
• American Public Health Association
• New Mexico Worker’s Compensation Association
• Chair, American Board of Preventive Medicine Board of Directors
• American Board of Medical Specialties Board of Directors
• Council of Education and Academic Affairs, American College of Occupational and Environmental Medicine
• Chair, Maintenance of Certification Committee, American College of Occupational and Environmental Medicine
• Steering Committee, National Priorities Partnership, National Quality Forum, representative for the American Board of Medical Specialties

Irena King, PhD
JOURNAL/EDITORIAL REVIEWER
• Circulation

GRANT REVIEWER
• TREC Consortium, all cross TREC Developmental projects

COMMUNITY OUTREACH
• Director, Community Water Board, Sandoval County, NM

Julie Lovchick, PhD
JOURNAL/EDITORIAL REVIEWER
• Toxins
• Vaccine

PROFESSIONAL AFFILIATIONS
• Membership in American Society for Microbiology

Li Luo, PhD
INVITED LECTURES: REGIONAL OR NATIONAL
• Luo L. Pathway Analysis of GWAS Data – Introduction and Anticipated Analysis of PediGFR. Given at the PediGFR project meeting at Seattle, March 2013
• Luo L, White K, Orlow I, Thomas N, and Berwick M. SNP Analysis - Illumina and Sequenom genotyping. Given at the GEM meeting, Turin Italy, October 2012

JOURNAL/EDITORIAL REVIEWER
• PLoS ONE
• The Journal of Investigative Dermatology

PROFESSIONAL AFFILIATIONS
• American Statistical Association
• American Society of Human Genetics

Cristina Murray-Krezan, BS, MS
INVITED LECTURES: REGIONAL OR NATIONAL
• PHARM 547. Presented 5.5 lecture hours of Introduction to SAS for graduate students in the College of Pharmacy, University of New Mexico Health Sciences Center, January 2013
• Murray-Krezan C, Davis H, Burge M, Relationship Between Testosterone and Lipids by Diabetes Status among Men in a Large Hospital Database, Western Regional Meetings, 2013

COMMUNITY OUTREACH
• Judge, 52nd Annual Central NM Science & Engineering Research Challenge, UNM, March 2012

PROFESSIONAL AFFILIATIONS
• American Statistical Association
• Society for Clinical Trials
• Western North American Region of the International Biometrics Society
Orrin Myers, PhD

PROFESSIONAL AFFILIATIONS
- American Statistical Association
- International Biometrics Society
- Ecological Society of America

Heidi Roeber Rice, MD

INVITED LECTURES: REGIONAL OR NATIONAL

COMMUNITY OUTREACH
- Capstone Project Faculty for Introduction to Public Health Equity Course with Community Center Directors from Albuquerque and Bernalillo County
- Clinical Preventive Initiatives Executive Committee, with DOH and NMMS

PROFESSIONAL AFFILIATIONS
- American College of Occupational and Environmental Medicine
- Delegate, ACOEM House of Delegates, Education Section Representative
- American College of Preventive Medicine
- American Medical Association
- Association for Prevention Teaching and Research
- New Mexico Worker’s Compensation Association
- New Mexico Public Health Association

Christine Stidley, PhD

JOURNAL/EDITORIAL REVIEWER
- Cancer Epidemiology, Biomarkers and Prevention

PROFESSIONAL AFFILIATIONS
- American Statistical Association
- International Biometric Society

Charles Wiggins, PhD

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- American Journal of Epidemiology
- American Journal of Preventive Medicine
- Annals of Epidemiology
- Cancer
- Cancer, Epidemiology, Biomarkers and Prevention
- Cancer Research
- Epidemiology
- Ethnicity and Disease
- International Journal of Circumpolar Health
• Journal of Cancer Education
• Journal of Investigative Dermatology

PROFESSIONAL AFFILIATIONS
• Society for Epidemiologic Research
• American Association for the Advancement of Science

Janice Yager, PhD

JOURNAL/EDITORIAL REVIEWER
• Journal of Exposure Science and Environmental Epidemiology
• Critical Reviews in Toxicology
• John Wiley & Sons, publisher; reviewer on book proposal

PROFESSIONAL AFFILIATIONS
• Society of Toxicology
• Environmental Mutagenesis and Genomics Society
• American Conference of Governmental Industrial Hygienists
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<td>Memorial Sloan-Kettering Cancer Center</td>
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<td>University of North Carolina Medical School at Chapel Hill</td>
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<td>HS C-189 94</td>
<td>University of Colorado Health Sciences Center</td>
<td>Risk Factors for NevusDevelopment</td>
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GASTROENTEROLOGY AND HEPATOLOGY

ANNUAL REPORT: JULY 1, 2012 – JUNE 30, 2013

Thomas Y. Ma, MD, PhD, FACG
Professor of Medicine, Cell Biology and Physiology
Chief, Division of Gastroenterology and Hepatology

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

During the past academic year (July 1, 2012 – June 30, 2013), UNM Gastroenterology and Hepatology Division has made many important and significant advances in all academic areas including research, clinical, and educational activities. The G.I. Fellowship Training Program continues to improve with changes to further emphasize education and training. The research programs have been greatly enhanced with increases in grant funding and expansion of the basic science research program, and the divisional clinical productivity has remained at a very high level during the review period.

The UNM G.I. Division research investigators had an outstanding year as evidenced by over 28 research publications and over $33.1 million dollars in total NIH, VA, and federal government supported research funding.

EDUCATION

For the 11th year in a row, top five percentile of the fellowship applicants were matched into our fellowship program. This emphasizes the highest quality of fellows in our training program and is further evidence of the excellent progress the Division has made in providing an excellent training program. The G.I. fellowship training and education program has been completely overhauled during the past 10 years to optimize the training and education experience of the G.I. fellows and rotating residents. During the past 11 years, the total fellowship positions have been increased from 5 to 13 positions. The increase in the number of fellowship positions has decreased the clinical service burden and increased the training opportunity. The gastroenterology teaching conferences have been revised and upgraded. Thursday afternoons (4-5 hours) have been designated strictly for educational conferences. The core curriculum conferences are held on a weekly basis and cover the core topics in gastroenterology. The weekly core curriculum module is moderated by a faculty member having an expertise in the selected disease topic. Over the three year fellowship training program all relevant core topics in G.I. are covered. In addition, Journal Clubs, Research Conferences, Clinical Case Conferences, Pathology Case Discussions, Faculty Didactic Lectures, Liver/Motility/Nutrition Conferences, Multidisciplinary Pancreaticobiliary Diseases and Hepatocellular Carcinoma Conferences, Evidenced-Based Medicine/Course Board Review Conferences, Quality Assurance Reviews and G.I./Radiology/Surgery combined Conferences are held to discuss any interesting or difficult clinical cases and relevant clinical topics. For the monthly G.I. Grand Rounds, world-renowned experts in various G.I. diseases are invited to provide insight into the latest advances in treatment of G.I. diseases. Additionally, six to eight research experts are invited throughout the year to discuss the latest advances in G.I. Research. The UNM G.I. Fellowship Program is a dynamic program always looking for ways to improve the training process. The stated goal of the Gastroenterology and Hepatology Division is to have the best G.I. Fellowship training program in the country.
RESEARCH AND SCHOLARLY ACTIVITIES
With the arrival of Dr. Thomas Ma as the Division Chief in January 2002, there has been a major expansion of basic and clinical research programs. Recent additions of Dr. Henry C. Lin (clinician and lab scientist with expertise in translational research in the fields of intestinal motility and transit) as the Chief of G.I. Section at the VAMC further strengthened the expanding G.I. research program. The total research funding in G.I. Division exceeds $33.1 million. As a comparison, the total research funding in 2000-2001 academic year was zero. Thus, the growth in research funding has been outstanding. There were over 28 publications from the Division during the academic year. Several faculty have international reputations in research and serve on key national research grant study sections. Dr. Ma, Dr. Boedeker, and Dr. Lin served as members of NIH study sections.

The research program and research opportunity for the G.I. fellows have also been greatly expanded during the past five years. All G.I. fellows have been provided with minimum of 6 months of protected time for research and given an opportunity to pursue both clinical and basic science research. There is also a dedicated academic track with 18 months of protected research time. With greater emphasis and opportunity for research involvement, all second and third year G.I. fellows have participated in important research projects and have presented abstracts at a national or regional scientific meeting.

In October the research facility dedicated to G.I. research (Center for Digestive Diseases Research) opened in the Innovation, Discovery and Training Complex. An important goal continues to be recruitment of new faculty members with international reputation in research.

CLINICAL OPERATIONS
The clinical productivity of the G.I. Division remains at a very high level. All of the faculty continue to have clinical productivity at the top 5th percentile based on clinical RVUs. Between 2012 and 2013 academic year, there were two fewer clinical faculty in the division.

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Thus, the overall clinical productivity of the G.I. Division remains outstanding.

HONORS AND AWARDS
- Dr. Ed Boedeker was elected Governor for NM by the American College of Gastroenterology through 2015.
- Dr. Sanjeev Arora received the President’s award from the American Telemedicine Association in 2013.
- Dr. Sanjeev Arora received the 2nd Rosenthal award from the Rosenthal Family Foundation, American College of Physicians in 2013.
• Dr. Sanjeev Arora received and Excellence in Clinical Research award from UNMHSC in 2012.
• Dr. Martin G. Kistin was awarded Outstanding Educator by UNM’s Office of Graduate Medical Education in 2012 for his continued development of the Gastroenterology Fellowship Program.
• Sharon A. Castillo received 3rd place in the Department of Internal Medicine Staff awards in the Divisional Professional Staff category in 2012.

**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**

A major goal for the G.I. Division in the upcoming year is to expand on the improvements achieved during the last academic year in education, research, and clinical activities.

Plans to recruit additional basic and clinical researchers with international reputations in the area of gastroenterology are on-going. Additionally, recruitment of clinical faculty continues into the next fiscal year. An important goal for the Division is to continue to increase funding in both clinical and basic research in the new academic year.

During the last seven years, a major initiative in the complete re-hauling of the education program was undertaken. The new changes have made a huge impact in the fellowship training program. Full implementation of education activities will continue to occur in the 2013-2014 academic years and beyond.

**APPOINTMENTS**

**FACULTY**

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<td>Adam Mougey, MD</td>
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<td>Archana Kaza, MD</td>
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<td>Chengru Zhu, PhD</td>
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<td>Manmeet Rawat</td>
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**SEPARATIONS**

**FACULTY**

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<td>L. Trent Taylor, MD</td>
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<td>Jesus Lopez</td>
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PUBLICATIONS OF THE DIVISION AND FACULTY

Rana Al-Sadi, PhD

BOOKS, CHAPTERS AND ARTICLES

Sanjeev Arora, MD

BOOKS, CHAPTERS AND ARTICLES

Edgar Boedeker, MD

BOOKS, CHAPTERS AND ARTICLES
2. Byrd W, Boedeker EC. Attenuated Escherichia coli strains expressing the colonization factor antigen I (CFA/I) and a detoxified heat-labile enterotoxin (LThK63) enhance clearance of ETEC from the lungs of mice and protect mice from intestinal ETEC colonization and LT-induced fluid accumulation. Vet Immunol


Isaac Wyatt Byrd, PhD

BOOKS, CHAPTERS AND ARTICLES


Shuhong Guo, PhD

BOOKS, CHAPTERS AND ARTICLES


Archana Kaza, MD

BOOKS, CHAPTERS AND ARTICLES
Henry Lin, MD
BOOKS, CHAPTERS AND ARTICLES

Thomas Ma, MD, PhD
BOOKS, CHAPTERS AND ARTICLES

Denis McCarthy, MD
BOOKS, CHAPTERS AND ARTICLES

Gulshan Parasher, MD
BOOKS, CHAPTERS AND ARTICLES

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Joseph Alcorn, MD
AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Veterans Administration Research Merit Review
Rana Al-Sadi, PhD

**INVITED LECTURES: REGIONAL OR NATIONAL**
- Al-Sadi, Rana and Ma, Thomas Y. TNF-α induced increase in intestinal epithelial tight junction permeability is mediated by NIK activation of inhibitory kappa B kinase-α. Selected for oral presentation during Digestive Disease Week in Orlando, FL, May 2013.

Sanjeev Arora, MD

**PROFESSIONAL AFFILIATIONS**
- American Association for the Advancement of Sciences
- American Association for the Study of Liver Diseases
- American College of Gastroenterology
- American College of Physicians-American Society of Internal Medicine
- American Gastroenterology Association
- American Society of Gastrointestinal Endoscopy
- European Association for the Study of the Liver
- Greater Albuquerque Medical Association
- Practice Management Committee of American Society Gastrointestinal Endoscopy

Edgar Boedeker, MD

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**
- National Institute of Allergy and Infectious Diseases/NIH Vaccines for Microbial Diseases Study Section
- NIAID/NIH SB: Non HIV Microbial Vaccine Development Study Section

**JOURNAL/EDITORIAL REVIEWER**
- Annals of Internal Medicine
- Gastroenterology
• Infection and Immunology
• Journal Clinical Investigation
• Journal Pediatric Gastroenterology and Nutrition
• Reviews of Infectious Diseases

**GRANT REVIEWER**
• Canadian Foundation for Ileitis and Colitis
• Crohn’s and Colitis Foundation of America Reviewer’s Reserve
• NIDDK/NIH Mucosal Pathobiology (MPB) Study Section, Permanent Member
• NIH Botanicals Research Center, Ames, IA, External Advisory Board
• NIH Reviewer’s Reserve

**PROFESSIONAL AFFILIATIONS**
• American Association for the Study of Liver Disease
• American College of Gastroenterology
• American College of Physicians
• American Federation for Clinical (Medical) Research
• American Gastroenterological Association
• American Society for Gastrointestinal Endoscopy
• American Society for Microbiology
• Gastroenterology Research Group
• Infectious Diseases Society of America
• North American Society for Pediatric Gastroenterology

I. Wyatt Byrd, PhD

**PROFESSIONAL AFFILIATIONS**
• American Chemical Society
• American Society for Microbiology, Division B
• Society for Mucosal Immunology

Michael Gavin, MD

**PROFESSIONAL AFFILIATIONS**
• American Gastroenterological Association
• American Society for Gastrointestinal Endoscopy
• Crohn’s & Colitis Foundation of America

Shuhong Guo, PhD

**JOURNAL/EDITORIAL REVIEWER**
• 19th Annual Meeting of the Society for Free Radical Biology and Medicine, Abstract Reviewer

**PROFESSIONAL AFFILIATIONS**
• American Gastroenterological Association
• American Physiological Society
• Society for Free Radical Biology and Medicine
• Society for Neuroscience
Archana Kaza, MD

PROFESSIONAL AFFILIATIONS

- American College of Gastroenterology
- American College of Physicians
- American Gastrointestinal Association
- American Neurogastroenterology and Motility Society
- American Society for Gastrointestinal Endoscopy
- Medical Association of Tamil Nadu, India

Martin Kistin, MD

PROFESSIONAL AFFILIATIONS

- American Association for Study of Liver Diseases
- American College of Gastroenterology
- American Gastroenterological Association
- American Society of Gastrointestinal Endoscopy

Henry Lin, MD

JOURNAL/EDITORIAL REVIEWER

- American Journal of Clinical Nutrition
- American Journal of Gastroenterology
- American Journal of Medicine
- American Journal of Physiology: GI and Liver Physiology
- American Journal of Physiology: Regulatory Physiology
- Clinical Gastroenterology and Hepatology
- Digestion
- Digestive and Liver Diseases
- Digestive Diseases and Sciences
- Endocrinology
- European Journal of Gastroenterology and Hepatology
- Gastroenterology
- Journal of Applied Physiology
- Journal of Clinical Gastroenterology
- Journal of Comparative Neurology
- Journal of Endocrinology and Metabolism
- Journal of Gastroenterology, Hepatology and Nutrition
- Journal of Pediatric Gastroenterology and Nutrition
- Journal of Physiology
- Nature Clinical Practice: Gastroenterology and Hepatology
- Neurogastroenterology and Motility
- Peptides
- Regulatory Peptides

EDITORIAL BOARD

- American Journal of Physiology: Gastrointestinal and Liver Physiology
- Digestive Disease & Sciences, Senior Associate Editor
- GI Physiology, Contributing Reviewer
PROFESSIONAL AFFILIATIONS
- American College of Physicians
- American Gastroenterological Association
- American Motility Society
- American Physiological Society
- International Group for the Study of Neurogastroenterology and Motility

Thomas Ma, MD, PhD

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- VA Merit Review Study Section, Gastroenterology Section

JOURNAL/EDITORIAL REVIEWER
- American Journal of Clinical Nutrition
- American Journal of Gastroenterology
- American Journal of Pathology
- American Journal of Physiology: Cell Physiology
- American Journal of Physiology: Gastrointestinal Physiology
- Canadian Journal of Gastroenterology
- Digestion
- Digestive Disease and Science
- FASEB
- Gastroenterology
- Gut
- Hepatology
- Journal of Bioactive Polymers
- Journal of Biological Chemistry
- Journal of Cellular Physiology
- Journal of Clinical Investigation
- Journal of Laboratory and Clinical Medicine
- Journal of Parenteral & Enteral Nutrition
- Nutrition
- Proceedings of Society of Experimental Medicine and Biology
- Prostaglandins
- The Scientific World Journal

EDITORIAL BOARD
- World Journal of Gastrointestinal Pathophysiology
- Broad Medical Foundation, Scientific Advisory Board

GRANT REVIEWER
- Broad Medical Research Foundation
- NIH Study Section: Gastrointestinal Mucosal Pathobiology Section
- American Gastroenterological Association Scientific Sessions
PROFESSIONAL AFFILIATIONS
- American Association for the Advancement of Science
- American College of Gastroenterology
- American College of Physicians-American Society of Internal Medicine
- American Gastroenterological Association
- American Physiological Society
- Association of Subspecialty Physicians
- Crohn's & Colitis Foundation of America
- New York Academy of Sciences
- Western Association of Physicians

Denis McCarthy, MD
INVITED LECTURES: REGIONAL OR NATIONAL

JOURNAL/EDITORIAL REVIEWER
- Alimentary Pharmacology and Therapy
- American Journal of Gastroenterology
- Annals of Internal Medicine
- Clinical Gastroenterology and Hepatology
- Digestive Disease and Sciences
- Gastroenterology
- Gastrointestinal Endoscopy
- GUT
- Journal of the American Medical Association
- New England Journal of Medicine
- Pediatric Gastroenterology and Nutrition
- Psychosomatic Medicine

EDITORIAL BOARD
- Digestive Diseases and Sciences
- Journal of Clinical Gastroenterology
- Practical Gastroenterology, New York

PROFESSIONAL AFFILIATIONS
- American Gastroenterological Association

Prashant Nighot, PhD
PROFESSIONAL AFFILIATIONS
- American Gastroenterological Association
- American Physiological Society
- Comparative Gastroenterology Society
- Indian Association of Veterinary Pathologists
Gulshan Parasher, MD

PROFESSIONAL AFFILIATIONS
• American College of Gastroenterology
• American College of Physicians
• American Federation of Medical Research
• American Gastroenterological Association
• American Medical Association
• American Pancreatology Association
• American Society of Gastrointestinal Endoscopy
• Pancreatic Cancer Action Network
• Strathmore’s Who is Who

Shazia Rafiq, MD

PROFESSIONAL AFFILIATIONS
• American College of Gastroenterology
• American College of Physicians
• American Society for Gastrointestinal Endoscopy
• Pakistan Medical and Dental Council

Robert Strickland, MD

PROFESSIONAL AFFILIATIONS
• Albuquerque and Bernalillo Medical Association
• American Association for Study of Liver Diseases
• American College of Physicians
• American Federation for Medical Research Foundation
• American Gastroenterological Association
• American Society of Gastrointestinal Endoscopy
• Australian Medical Association
• Gastroenterological Society of Australia
• New Mexico Medical Society
• Royal Australasian College of Physicians
• Royal Society of Medicine
• Society for Experimental Biology and Medicine
• Western Association of Physicians
• Western Society of Clinical Investigation

Chengru Zhu, PhD

JOURNAL/EDITORIAL REVIEWER
• Canadian Journal of Microbiology
• Vaccine
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<td>Shiga-Toxin 1 Uptake Mechanisms and Intracellular Action</td>
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<td>Byrd I. Wyatt</td>
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<td>Lin Henry Chia-nan</td>
<td>VA Merit Review Award</td>
<td>Bacterial Overgrowth Associated with Chronic Multi-Symptom Illness Complex</td>
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

EDUCATION

Phase I educational hours
- GIM exceeded its quota of by providing 892 hours
- A majority of faculty contributed to the educational efforts
- Drs. Martinez and Fancovic are master tutor trainers for PBL

Health Equity curriculum and Inter-Professional Education update
- This is an active area of educational development and showcase of GIM, developed, implemented and directed by Dr. Cynthia Arndell, and our goal is to train doctors with an enhanced sense of compassion and social justice. Dr. Arndell serves as Inter-professional Educational Coordinator for School of Medicine.
- The program was awarded American Institute of Architects Decade of Design Grant in collaboration with UNM School of Architecture faculty which provided seed money to develop inter-professional educational initiatives
- Dr. Arndell co-facilitated Designing for Healthy Communities documentary series for School of Architecture students and faculty in Fall of 2012
- She co-recruited 2 nationally renowned speakers for Inter-professional Grand Round series scheduled for Spring 2013
- She co-developed and implemented a longitudinal course for UNM Main campus students which includes a required seminar for these students and 4th year medical students, Designing Healthy Communities embedded within the Comprehensive Ambulatory Care rotation
- She revised and course directed 2 weeks Health Equity: Introduction to Public Health required for all matriculating medical and PA students:
- She implemented Team Based Learning for 2012
- She piloted an inter-professional student group consisting of students from pharmacy, law, business, MPH program, medical and PA students
- She course directed and oversaw development and implementation of 2 new seminars in Comprehensive Ambulatory Care rotation for fourth year medical students:
- The new seminars: Public Health Law 101 for Health Professions and Designing for Healthy Communities
- She improved student feedback scores of course seminars; some of the seminars are the most highly rated activities in the medical school curriculum
- She also, course directed and taught Street Outreach/ Medical Respite elective for senior medical and pharmacy students:
- She incorporated prison health opportunities this year in collaboration with ECHO and YDDC
- She
- continues to lead the Health Equity taskforce which is collaboration between Albuq. Healthcare for Homeless, Metropolitan Homeless Project and multiple HSC department’s disciplines and students.
• She is currently developing an inter-professional weekly volunteer student clinic at AOC men's shelter which will include medical, pharmacy, nursing, behavioral health, social work and OT/PT students-this will be piloted in 8-13.
• She continues to lead and teach Post-Discharge Home Visit experience required for all 3rd year medical students in their Internal Medicine clerkship:
• She improved med-pharmacy student pairing consistency in home visits
• She gathered and analyzed pre and post survey data of student experiences (see research)

Integrative Medicine in Residency Track
• This past year, GIM/SIM strengthened the Integrative Medicine Track in our IM Residency Program, the first of its kind in this country. The project is led by Dr. Prasad. The track currently enrolls 9 residents and 5 faculty members and continues to grow every year. The track offers an online curriculum, field trips, guest lectures, monthly educational forum, experiential sessions, and a 4 week rotation at the UNM Center for Life.

CME
• Another year of success of the Advances in Primary Care under the directorship of Dr. Melissa Martinez
• Dr. George Comerci is a co-director of the CME course entitled Treating Chronic Pain in New Mexico: Addressing Best Practices, Addiction and Current Regulations. Dr. Comerci and his colleagues in the pain program have provided over 1000 clinicians in NM with CME that will meet the new 5 hours of pain and addiction training required by the New Mexico Board of Medicine of all licensed practitioners.
• Dr. Arti Prasad chaired the International conference of the Society of Integrative Oncology (SIO) in Albuquerque. The Conference was a huge success; was attended by close to 300 people; and gave significant visibility to UNM and the Section of Integrative Medicine
• Dr. Prasad also developed a one-day hands-on workshop on Botanical Medicine (SIMPLY Botanicals) that was offered a day before SIO. It was attended by 100 people and broke even financially.

Leadership Education and Development
• In the past year there has been intentional effort to provide leadership instruction for physician faculty at UNM. Several in the Department of Internal Medicine have engaged in the Medical Leadership Academy. Dr. Robert Fritch was instrumental in establishing this Academy and intimately involved in its operation over the past year.
• Burrito and a Book- A leadership reading group initiated by Drs. Bronwyn Wilson and Robert Fritch in 2011, this group meets monthly to discuss leadership books they read the month before. It has proven to be a dynamic group providing the venue for robust conversations on leadership.

The VA Section of GIM
• The general medicine faculty precept in resident continuity clinics and the PRIME clinic and do some ward attending. All faculty are involved in leading resident clinic conferences, some also present Thursday school lectures, participate in resident journal club, and teach in the medical student Evidence Based Clinical Practice course and the MSCR program. Research interests include diabetes management, women’s health, and using registries to deliver population-based care for cancer screening and chronic disease management. Faculty have obtained external grant funding, published manuscripts in the peer-reviewed literature, delivered invited lectures to professional societies, and presented research at national meetings.
DIVERSITY

- Edward Fancovic MD was appointed as Director for LGBT Equity and Inclusion within the UNMHSC Office of Diversity in September 2011, and his FTE in this role has been expanded beginning July 2012. The AAMC has included LGBT (lesbian, gay, bisexual, transgendered) status in its diversity goals for US medical schools, and UNMHSC has been in the forefront by designating a dedicated faculty member to focus on these issues. Dr. Fancovic has been a regular panelist in the LGBT 101 training classes offered to University Hospital employees. He has initiated a social group for LGBT residents, faculty and students, which meets quarterly in members’ homes. Both University Hospital and the NM VA Health Care System were designated "Leaders in LGBT Healthcare Equality" by the Human Rights Campaign in its Healthcare Equity Index for 2013, based on their policies regarding their policies on patient nondiscrimination, visitation, employee protection, and training in LGBT patient-centered care.

RESEARCH AND SCHOLARLY ACTIVITIES

Clinical Trials – Dr. Allen Adolphe

- A randomized, Multicentered, Double Blind, Parallel, Placebo-controlled study of the effects of study drug on Renal outcomes in type 2 diabetes subjects with Nephropathy. We have been selected for the study but are still in budget negotiations. Dr. Adolph will be conducting the study with Dr. Bruce Horowitz (Nephrology.)
- The Cardiovascular outcomes study to evaluate the potential of Aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus was stopped early due to lack of efficacy. All patients have had their last exam and will return in 4 weeks for their last visit.
- The Glycemic Reduction Approaches for Diabetes: A Comparative Effectiveness Study (GRADE). This is a new trial working with Dr. Schade and Burge. It is a 7-year study and we are recruiting 150 type 2 diabetic patients on metformin now.
- A Phase 3, Randomized, Double-Blind, Placebo-controlled, Parallel study to evaluate the efficacy and safety of Ranolazine Monotherapy in subjects with type 2 diabetes mellitus. This study is ongoing with the last patient schedule to complete the study in October.
- We did complete a 10-patient pilot study with Dr. Rosenberg and Shah to evaluate the MRI, inflammatory, and epigenetics associated with cognitive changes in diabetic and pre-diabetic subjects. We are going over the data to see if there is sufficient data to go forward with an RO-1 grant.
- He is a collaborator with Dr. Cheryl Aine (MIND Institute) on cognitive changes associated with statin use. We have just submitted a PCORI grant 2 weeks ago and are waiting for their response.

Education Grants

- Decade of Design in collaboration with UNM School of Architecture- awarded 6-12; purpose: to develop inter-professional educational experiences among students from HSC, business, architecture and law related to designing urban neighborhoods for health equity
- Weil Foundation – received another 20K in award for the continuation of the IMR track. PI. Dr. Arti Prasad.
- HRSA – awarded in collaboration with the Preventive Medicine program to integrate Integrative Medicine education into the existing PMR curriculum. Co. PI – Dr. Arti Prasad.
Other grants (VA)

- VISN 18 New Investigator Award: “Comparative Effectiveness of Registry Driven Primary Care in Processes of Prostate Cancer Screening” Principal Investigator: Brislen H. Dates: February, 2013.
- “Impact of Accu-Check 360 View on Practice Patterns and HbA1c in Veterans with Type 2 Diabetes”: Principal Investigator Murata, GH. Co-investigator: Fotieo GG. Funding through Roche Pharmaceuticals. Dates: 2008-2012. Amount $1,500,000.

CLINICAL OPERATIONS

- GIM productivity: reached above the benchmark in FY12-13.

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- Recruitment efforts: the last year has been very challenging for GIM as far as recruitment is concerned. GIM salaries are not competitive in the market. The only successful effort has been the hiring of a Lobo Care faculty, a Visiting Faculty at SWM, and recruitment of the Director of the Anticoagulation clinic.
- General Internal Medicine and Pediatrics continue to provide transition services to severely developmentally and intellectually disabled children who have grown to adulthood and must transition from pediatric to adult primary care and specialty care providers though the UNM Transition Consultative Clinic Team.

Primary Care and PCMH (Patient Centered Medical Home)

- Continued PCMH and outpatient Quality initiatives but frustrations around the lack of support staff at clinics, ease of practice issues, and lack of meaningful data retrieval from the EMR.
- VAH was able to bring Dr. William Abeyta back with a 0.5 FTE to GIM (he had been working in the VA spinal cord unit). Dr. Cynthia Heins has been called up to active duty to lead the US Military Mission in Djibouti, Africa.

COMMUNITY ACTIVITIES

- Dr. Amy Robinson-serves as a Physician Panelist for the New Mexico Medical Review Commission.
- Dr. Arti Prasad serves on the Medical Advisory Board of the Cancer Services of NM.
Heather Brislen, MD

- “What Good Is Primary Care? The value, history, and economics of primary care education.” Lecture to Internal Medicine Residents, 12 April 2012.
- “Registries in Primary Care: Using Data to Support Innovative Health Care Delivery.” Society of General Internal Medicine, 2012 Mountain West Regional Meeting. 5 October 2012.
- “Outpatient Quality Improvement: Using Registries to Support Innovative Health Care Delivery.” American College of Physicians, New Mexico Chapter Annual Scientific Meeting. 27 October 2012.

Ellen Yee, MD

- Workshop faculty moderator. 2013 SGIM Annual Meeting: “Partnerships to Enhance Women’s Health Research.” Other participants include: Elizabeth Yano, PhD, Susan Frayne, MD, MPH, and Karen Freund, MD, MPH.

UNM-INVITED LECTURES AND PRESENTATION

Allen B. Adolphe, MD

- American College of Physicians Annual Meeting "Introduction to Lipid Management, 2013."
- Presented at National Lipid Meetings, Las Vegas, NV June 2013 (Kristin won a $500 prize for her poster!)

Arti Prasad, MD

- "Integrative Medicine in Internal Medicine Residency: An Innovative Special Interest Track at the University of New Mexico"; poster presentation, 2012 International Congress for Educators in Complementary and Integrative Medicine, Washington, DC, October 24 - 26.
Robert Fritch, M.D.
George Comerci, M.D.
Jennifer Benson, M.D.

Bronwyn Wilson, M.D.
Cynthia Arndell, M.D.
Edward, Fancovic, MD
Ann Gateley, MD,

Jennifer Jernigan, MD
Alisha Parada
Arti Prasad
Michael Chartrand, MD (INCLUDE HIS ROLE)

CMO UNM Medical Group
Co -Medical Director – Interdisciplinary Pain Clinic
Assistant Professor, Block Co-Chair FCP, Internist
UNM Transition Consultative Clinic Team

Senior Associate Dean, Academic Affairs
Co-Director Inter Professional Education, SOM
Director of LGBT Equity and Inclusion
Medical Director for USA Track & Field Indoor Championships
Medical Director of SW Mesa Clinic
GMC Director
Executive Director, UNM Center for Life
Anticoagulation Clinic Director

**HONORS AND AWARDS**

- Dr. Arndell was nominated and accepted as Fellow for ACP.
- She was also nominated and accepted as member of NM ACP Council.

**Integrative Medicine**

It has been a very busy and growth year for SIM and Center for Life as we've pursued the multiple aspects of our mission. The other highlights are:

**EDUCATION**

**Professional education**

- The number of 4th year medical students remained the same in FY13 as in FY12 – five (5).
- The number of graduate medical residents increased from eight (8) in FY12 to ten (10) in FY13.
- The number of Doctors of Oriental Medicine participated in the observational internship was one (1) an increase from none in FY12.
- The number of Licensed Massage Therapists participating in the observational internship increased from two (2) in FY12 to three (3) in FY13.

**Patient education**

- 69 people participated in L&L Lectures; total of 6 hours.
- 51 people participated in CFL Workshops in FY13; total of 30 workshop hours and an average workshop satisfaction rating of 4.93.
- 199 people participated in CFL classes in FY13; total of 141 class hours.
- 96 people participated in the Mindfulness courses in FY13; total of 68 course hours.

**RESEARCH AND SCHOLARLY ACTIVITIES**

- The Section of Integrative Medicine has been awarded for FY14 a $20,000 grant from the Weil Foundation, Sustaining Integrative Medicine in Residency at UNMHSC.

**CLINICAL OPERATIONS**

- Financial: The Center for Life’s total number of patient visits during FY13 was 9,734. This was a 3% drop from FY12 precipitated by the loss of a 0.4 Nurse Practitioner and a 0.5 Counselor.
- Center for Life generated $1,766,997 in clinical charges during FY13 a 17% decrease from FY12.
- New Initiatives: Primary care services commenced in May 2013.
• Collaboration with Truman Health Services was finalized in April 2013.
• Staffing: A full-time physician position was in the FY12 and FY13 budget, but remained unfilled due to salary issues. Fortunately, an applicant accepted the position during the spring of 2013 and is scheduled to start in the clinic on October 1, 2013.
• UNMMG approved the addition of several mid-level providers in January 2013 in order to improve access to care and increase revenue. The following positions were filled:
  • Nurse Practitioner (0.7 FTE) – started May 2013.
  • Chiropractor (1.0) – started July 2013.
  • Acupuncturist (1.0) – started July 2013.

COMMUNITY ACTIVITIES
• Community Service: Center for Life participated in ninety-one (58) community outreach events (141 hours) in FY12 and reached 4,041 individuals.

Integrative Medicine: Significant Plans and Recommendations for the Near Future
• The Center for Life is in the early stages of developing an integrative primary care clinic
• It is also looking at the feasibility of opening an Integrative Primary care clinic in Santa Fe
• Grow the IMR track in Residency
• Build Philanthropy
• Plan for 2014 SIMPLE conference

EDUCATION
• Primary Care Curriculum: GIM Faculty will continue their very active role in medical education. We are having difficulties staffing the Resident clinics due to faculty shortage.
• IMR: We will journey through our third year of the new Integrative Medicine and Primary Care Residency tracks and integrating, integrative medicine education into the PMR.
• Health Equity SOM curriculum - Continue implementing and revising above initiatives.
• Public Health Dr. Amy Robinson to participate in teaching at the School of Medicine – Introduction to Public Health.
• Many faculty are scheduled for expanding Phase I educational hours and student mentoring.
• Drs. Robinson, Arndell, and Disco will continue to work with the College of Pharmacy to develop an inter-professional selective in Native American Health to add to the Comprehensive Ambulatory Care rotation for 4th year medical and pharmacy students.

RESEARCH AND SCHOLARLY ACTIVITIES
• Dr. Adolphe has submitted to the IRB a study of our PharmD clinicians in Ambulatory care. The study will be done in collaboration with Translational Informatics. We will be looking at diabetic patients referred to our PharmD Clinicians using their pre-visit HgbA1c, LDL level, and blood pressure data, comparing it to the PharmD intervention, and a 6 month post-intervention to see the sustainability of their intervention. I am waiting for the IRB to approve the study now.
• QI projects: We propose to develop a dashboard of uniform quality projects at each clinic under the leadership of the medical directors. This will be coordinated with the UH and the DOIM’s IMQG.

CLINICAL OPERATIONS
• We propose to develop new models of clinical care at the SWM clinic.
• Involve all residents in Quality projects.
• Continue to improve efficiency of the EMR by working with the HIM.
• Meet the Departmental benchmark in Clinical work RVU’s.

COMMUNITY ACTIVITIES
• We plan to continue with our current community engagement but GIM’s vision is to involve more faculty members in various community outreach activities.

ADMINISTRATION
• Most divisional faculty in administrative positions have new administrative goals.

HONORS AND AWARDS
• Recognition of Faculty and Staff for significant achievements on both a local and national level.

APPOINTMENTS

FACULTY

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<td>Angela Ferguson, MD</td>
<td>Visiting Assistant Professor</td>
<td>8/6/2012</td>
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<td>Amy Robinson, MD</td>
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<td>Maryam Sharifi, MD</td>
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<td>Michael Chartrand, MD</td>
<td>Clinician Educator- Assistant Professor</td>
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STAFF

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<td>Roberta Triviso</td>
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<td>Stephanie Michael</td>
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<tr>
<td>Kara Inman</td>
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SEPARATIONS

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<td>Mara Archambault, MD</td>
<td>Clinician Educator- Assistant Professor</td>
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<td>Margaret Lieberman, MD</td>
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<td>Diane Noya, MD</td>
<td>Physician</td>
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<td>Sandra Kimura</td>
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<td>Sally Fisher, MD</td>
<td>Physician</td>
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<tr>
<td>Tammi Berry</td>
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**Publications of the Division and Faculty**

**William Abeyta, MD**  
N/A

**Allen Adolphe, MD, PhD**  
N/A

**Cynthia Arndell, MD**  
N/A

**Madhu Arora, MD**  
N/A

**Jennifer Benson, MD**

**Books, Chapters and Articles**


**Jessica Bigney, MD**  
N/A

**Heather Brislen, MD**

**Books, Chapters and Articles**

Julie Broyles, MD

BOOKS, CHAPTERS AND ARTICLES

Michael Chartrand, MD
N/A

George Comerci, MD
N/A

Kevin Edwards, MD
N/A

Edward Fancovic, MD

BOOKS, CHAPTERS AND ARTICLES

Angela Ferguson, MD
N/A

Dana Fotieo, MD
N/A

Gregory Fotieo, MD

BOOKS, CHAPTERS AND ARTICLES
5. Stimulated Serum C-peptide as a Predictor of Glycemic Control in Veterans with Type 2 Diabetes Marc Montanaro, Gregory Fotieo, Christopher Wendel, Elena Plummer, Jayendra Shah, Gerald


7. “Does Non-Severe Hypoglycemia Impact the Intensity of Treatment in Patients with Type 2 Diabetes?” Fotieo GG. American Diabetes Association 72nd Scientific Sessions Abstract Book, the June 2012 supplement to the journal Diabetes


Robert Fritch, DO
N/A

Mark Garcia, MD
N/A

Ann Gateley, MD
N/A

David V. Gonzales, MD
N/A

Frederick Hashimoto, MD
N/A

Cynthia Heins, MD
N/A

Jennifer Jernigan, MD
N/A

Melissa Martinez, MD

BOOKS, CHAPTERS AND ARTICLES


Ann Morrison, MD
N/A
BOOKS, CHAPTERS AND ARTICLES

1. Increased Miles Walked Per Day Improves Proportion of Fat-Free Body Mass in Diabetics. Heather Brislen, Gregory Fotieo, Christopher Wendel, Elena Plummer, Jayendra Shah, Gerald Charlton, Marc Montanaro, Gle


Alisha Parada, MD
N/A

Arti Prasad, MD
N/A

Patrick Rendon, MD
N/A

Amy Robinson, MD
N/A
Maryam Sharifi, MD
N/A

J. Mitchell Simson, MD
N/A

Carolyn Voss, MD
N/A

Bronwyn Wilson, MD, MPH
N/A

Ellen Yee, MD, MPH

**BOOKS, CHAPTERS AND ARTICLES**


**OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF**

William Abeyta, MD
N/A

Allen Adolphe, MD, PhD
N/A

Cynthia Arndell, MD
N/A

Madhu Arora, MD
N/A

Jennifer Benson, MD
N/A

Jessica Bigney, MD
N/A

Heather Brislen, MD
N/A

Julie Broyles, MD
N/A

Michael Chartrand, MD
N/A

George Comerci, MD
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Kevin Edwards, MD
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Edward Fancovic, MD
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Angela Ferguson, MD
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Dana Fotieo, MD
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Gregory Fotieo, MD
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Robert Fritch, DO
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Mark Garcia, MD
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Ann Gateley, MD
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David V. Gonzales, MD
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Frederick Hashimoto, MD
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Cynthia Heins, MD
N/A
Jennifer Jernigan, MD
N/A
Melissa Martinez, MD
N/A
Ann Morrison, MD
N/A
Glen Murata, MD
N/A
Alisha Parada, MD
N/A
Arti Prasad, MD

PROFESSIONAL AFFILIATIONS
- American College of Physicians (ACP), fellow.
- Society of General Internal Medicine (SGIM), member.
- Society for Executive Leadership in Academic Medicine (SELAM).
- Steering Committee Member, Consortium of Academic Health Centers
- for Integrative Medicine.
- Clinical Working Work member, Consortium of Academic Health Centers.

Patrick Rendon, MD
N/A

Amy Robinson, MD

PROFESSIONAL AFFILIATIONS
- American Academy of Family Physicians (AAFP)
- Physicians for Social Responsibility (PSR)
- Physicians for Human Rights (PHR)
- The Wilderness Medical Society (WMS)

Maryam Sharifi, MD
N/A

J. Mitchell Simson, MD
N/A

Carolyn Voss, MD
N/A

Bronwyn Wilson, MD, MPH
N/A

Ellen Yee, MD, MPH
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Significant Developments During the Academic Year 2012-2013

Education
- Dr. David Bennahum, one of our finest teachers and Professor Emeritus, retired after 35 years at UNM School of Medicine. He recently taught at the Ethics Institute and will be missed.
- Our first Palliative Medicine fellow, Leonard Noranha, completed his training and joined the faculty in August 2013.
- Dr. Carla Herman continues as PI for the Donald W. Reynolds Next Steps grant on improving interprofessional geriatric education. She served as a co-investigator on the NIH Pain Consortium award (Meize PI) and had a subcontract from the University of California Irvine to teach the use of Motivational Interviewing for older patients.
- Dr. Judith Kitzes continues as Director of Special Projects in Undergraduate Medical Education which includes: Medical Educators Scholars Program (MES), SEAC medical education research program, Peer Faculty Development through Teaching Observation and North Campus curriculum director for the BA/MD program.
- Dr. Janice Knoefel directs the bimonthly Dementia Care ECHO Clinic in collaboration with the NM Alzheimer’s Association.
- Drs. Devon Neale and Lisa Marr direct bimonthly Palliative Care ECHO Clinics.
- Dr. Lisa Marr continues as the director of the only Palliative Medicine fellowship in New Mexico.
- Drs. April Volk and Ivan Correa assume an active role in the Palliative Care Fellowship Training Program at the VA.

Research and Scholarly Activities
- Dr. Carla Herman is a regular reviewer for Medical Technologies that Reduce Health Disparity, NIBIB, NIH.
- Dr. Janice Knoefel remains the co-investigator on a NIH-funded grant focused on Imaging and the Development of Memory Strategies in Aging.
- Dr. Janice Knoefel is co-investigator on NIH / NINDS funded grant title: Biomarkers for White Matter Injury in Mixed and Vascular Cognitive Impairment. Overall goal is to identify biomarkers in vascular cognitive impairment, mixed dementia, and Alzheimer’s disease. Matrix metalloproteinases will be measured in the CSF along with amyloid and tau proteins. From these biomarkers the researchers will identify patients with the inflammatory form of these illnesses and target that subgroup for treatment trials.
- Drs. Lisa Marr and Esme Finlay have developed research collaboration with Holly Prigerson “Coping with Cancer II”, National Cancer Institute, 2012-2013.
- Dr. Dennis Villareal is PI of 5-year R01 NIH grant “Exercise Interventions during Voluntary Weight Loss in Obese Older Adults” and Co-Investigator of 3-year VA Merit grant “CYPAl gene and Pharmacogenetics of
Response to Testosterone Therapy”. In addition, he is PI of a new 3-year VA Merit grant “Testosterone Replacement to Augment Lifestyle Therapy in Obese Older Veterans”.

- Dr. Villareal is Co-Investigator in the CALERIE multicentre trial (U01 AG20487) and is the leader in the bone metabolism aspect of the lifestyle intervention. He is a mentor in the Masters of Sciences in Clinical Research program at the UNM CTSC. Dr. Villareal is on the editorial board for Journal of Nutrition in Health and Aging and Journal of Nutrition in Geriatrics and Gerontology.
- Dr. Dennis Villareal continues as regular/standing member of NIH-Clinical and Integrative Diabetes and Obesity Study Section. He has been appointed to the DSMB for the Look AHEAD multicenter NIH trial and he serves as member of the Research and Development Committee of the NMVAHCS and board of directors of BRINM.

CLINICAL OPERATIONS
- Dr. Ivan Correa is Director of the Community Living Center at the VA.
- Dr. David Hemphill served as the Medical Director for Heritage Hospice.
- Dr. Lisa Marr is the Director of the Palliative Medicine Program at UNMH.
- Dr. Donna Jean Parker is Director of the Home Based Primary Care Program at the VA.
- Dr. Sandra Qaseem serves as Medical Director of Alliance Home Health and leads the Home Visit Program.
- Dr. April Volk is Director of the Palliative Care Program at the VA.

COMMUNITY ACTIVITIES
- Drs. Janice Knoefel and Carla Herman served on the NM Taskforce to develop the New Mexico State Plan for Alzheimer’s Disease.
- Dr. Judith Kitzes serves on the Statewide Advisory Council to implement the MOST (Medical Orders for Scope of Treatment) document.

ADMINISTRATION
- Dr. Anne Simpson serves as Rust Professor and Director, University of New Mexico Health Sciences Center for Ethics and the Associate Vice President for African American Health and Director of the Center of Excellence for African American Health. She also completed the 2-year ELAM fellowship this year.

HONORS AND AWARDS
- Dr. Anne Simpson was elected to the Executive Board of the Association for Practical and Professional Ethics.
- Dr. Dennis Villareal has been awarded Fellow status in the Gerontological Society of America, the highest class of membership.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
- Drs. Finlay and Neale were awarded a SEAC grant to increase palliative care education in the undergraduate curriculum for 2013-2015.
- The Palliative Medicine Fellowship will expand to two fellows in July 2014.

RESEARCH AND SCHOLARLY ACTIVITIES
- Dr. Villareal will renew ongoing NIH and VA Merit Research Grants and maintain recognition as center for frailty interventions to reverse geriatric obesity.
CLINICAL OPERATIONS

- The Division faculty is working to develop the Medical Directorship for the Corrales Senior Living Community. This project, which plans to open in 2015, will include a 60-bed skilled nursing unit, a 40-bed memory care center and 40-bed assisted living as well as independent living.
- Future plans at the VA include continued recruitment of clinician-educators and physician-scientists faculty and strengthen the clinical, education, and research mission of the Geriatrics Section. Development of informatics-based clinics and expansion of support staff to enhance capabilities for comprehensive geriatric assessments. Expansion of the Palliative Care Program to accommodate increase clinical needs, as well as, education of trainees and fellows.
- VA plans also include future building of an offsite CLC facility and enhance bed capacity for veterans needing subacute care and rehabilitation.

COMMUNITY ACTIVITIES

- The UNM Senior Mentor program, which matches active seniors with first year medical students, begins the 10th year with continued rave reviews from students and mentors.

APPOINTMENTS

FACULTY

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STAFF

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<td>Shelley Modell</td>
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SEPARATIONS

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STAFF

None

PUBLICATIONS OF THE DIVISION AND FACULTY

David Bennahum, MD
N/A

Ivan Correa, MD
N/A
David Hemphill, MD
N/A

Esme Finlay, MD
N/A

Carla Herman, MD, MPH

BOOKS, CHAPTERS AND ARTICLES

Judith Kitzes, MD, MPH

BOOKS, CHAPTERS AND ARTICLES

Janice Knoefel, MD, MPH

BOOKS, CHAPTERS AND ARTICLES
2. Knoefel JE, R Lindeman, J Lindeman, M McCabe. Interprofessional Team Development for Care of Older Veterans in Rural Settings: An On-line Course for Primary Care Providers.” On-line course, Department of Veterans Affairs sponsored, 2012.

Lisa Marr, MD

BOOKS, CHAPTERS AND ARTICLES
Devon Neale, MD

BOOKS, CHAPTERS AND ARTICLES

2. Neale D. How should common symptoms at the End of Life be managed? The Hospitalist

Donna Jean Parker, MD

BOOKS, CHAPTERS AND ARTICLES

Contributing Author: Geriatric Review Syllabus: A Core Curriculum in Geriatric Medicine, 8th ed.
New York, NY: American Geriatric Society; 2013

Sandra Qaseem, MD

N/A

Irene San Roman, MD

N/A

Anne Simpson, MD

N/A

Dennis Villareal, MD

BOOKS, CHAPTERS AND ARTICLES


April Volk, MD

**BOOKS, CHAPTERS AND ARTICLES**


**OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF**

David Bennahum, MD

N/A

Ivan Correa, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**


**PROFESSIONAL AFFILIATIONS**

- Member, American Medical Association
- Member, American Academy of Family Physicians
- Member, American Geriatrics Society

Esme Finlay, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**

- **Finlay, E.** Moderator, Mixed Tumor Panel, Cancer Control. *Society of Integrative Oncology. Albuquerque, NM.* October 9, 2012
- **Finlay, E.** Palliative Care: What is it and How is it Relevant to Your Practice? *NM APA 32rd Annual Fall Primary Care Conference 2012*. Albuquerque, NM. September 20, 2012
- **Finlay, E.** Palliative Care as a Win-Win for Patients and Society. *33rd Annual Advances in Primary Care Conference*. Albuquerque, NM. April 20, 2012

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**

- Ad-hoc Reviewer: Journal of Clinical Oncology
- Ad-hoc Reviewer: Palliative Care: Research and Treatment
- Ad-hoc Reviewer: Lung Cancer

**PROFESSIONAL AFFILIATIONS**

- Chair, Oncology Special Interest Group (SIG), American Academy of Hospice and Palliative Medicine
- Participant: ASCO/AAHPM Palliative Care in Oncology Practice Consensus Project
- Member: ASCO Supportive Care Guidelines Advisory Group
- Member: American Society of Clinical Oncology
- Member: American Academy of Hospice and Palliative Medicine

David Hemphill, MD

**PROFESSIONAL AFFILIATIONS**

- Member, American College of Physicians
• Member, American Geriatrics Society
• Member, American Academy of Hospice and Palliative Medicine

Carla Herman, MD, MPH
AD HOC REVIEWER OR EDITORIAL CONSULTANT
JOURNAL/EDITORIAL REVIEWER
• Journal of Health Care for the Poor and Underserved
• Journal of American Medical Association
• Annals of Internal Medicine
• Journal of the American Geriatrics Society

EDITORIAL BOARD
• Editor and Writer, Healthwise (non-profit consumer health education company), Boise Idaho.

GRANT REVIEWER
• Reviewer, Medical Technologies that Reduce Health Disparities, NIBIB, Washington DC 2010-12.

COMMUNITY OUTREACH
• “Change of Life” Educational Platica. Comadre A Comadre Hispanic breast cancer support group.
• “The Ups and Downs of Falls” Alzheimer’s Association Annual Caregiver Conference, November 2012.

PROFESSIONAL AFFILIATIONS
• Member, American Geriatrics Society
• Fellow, American College of Physicians

Judith Kitzes, MD, MPH
INVITED LECTURES: REGIONAL OR NATIONAL
• Promoting Creativity in Medical School Education. WGEA, Irvine California 2013.

JOURNAL/EDITORIAL REVIEWER
• RIME section abstracts/articles, AAMC national Conference MedEDPortal, AAMC online medical education resource 2012, 2013
• RIME section abstracts/articles, AAMC national Conference 2012
• Journal of Palliative Care: Research and Treatment, open access, www.la-press.com
• Journal of Palliative Medicine, 2012
• Journal of Medical Education, 2013

COMMUNITY OUTREACH
• Statewide Advisory Council to implement the MOST (Medical Orders for Scope of Treatment) documents.

PROFESSIONAL AFFILIATIONS
• Member, American Academy of Hospice and Palliative Medicine

Janice Knoefel, MD, MPH
COMMUNITY OUTREACH
• Normal Cognitive Aging, El Castillo LifeCare Community, Santa Fe NM.
• Movement Disorders in the Elderly, NM Academy of Physicians Assistants
• Cognitive Aging: What to Expect. New Mexico State Conference on Aging, Isleta NM
• Prevention of Cognitive Decline and Treatment of Alzheimer’s Disease in conference “Dignity & Diagnosis in Dementia Care” sponsored by Alzheimer’s Association, New Mexico Chapter, Santa Fe.
• What is Project ECHO Dementia Care Clinic? in conference “Dignity & Diagnosis in Dementia Care” sponsored by Alzheimer’s Association, New Mexico Chapter, Santa Fe.
• I Thought I’d Love You Forever: Normal Aging and Alzheimer’s Disease in continuing education course “What’s in an Age? Aging and Ageism in the 21st Century” sponsored by Wise and Wonderful Older Women (WWOW), UNM

PROFESSIONAL AFFILIATIONS
• Member, American Medical Association
• Member, American Geriatric Society
• Member, American Society of Neurorehabilitation
• Member, Alzheimer Association
• Member, American Academy of Neurology

Lisa Marr, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• Prognostication basics for the Hospice Provider. Three national teleconferences for HospiScript Services for hospice nurses and staff.
• Presumed Full Code. Accepted submission to the Society of Hospital Medicine Annual Meeting. May 2013. Rogers, K, Marr, L and Pierce, JR.
• Supervision. Co-led with Mary Ashton, MSW). 2nd Whole Person Care National Symposium: Making a Difference in the Space of Uncertainty. 2012, Doltone House, Sydney, Australia.
• Workshop: Mindfulness Meditation (co-led with Christine Sanderson, MD). 2nd Whole Person Care Symposium: Making a Difference in the Space of Uncertainty, Doltone House, Sydney, Australia.
• Panel Speaker on End of Life Issues with Tom Hutchinson, MD and Harvey Chochinov, MD. 2nd Whole Person Care Symposium: Making A difference in the Space of Uncertainty. 2012, Doltone House, Sydney, Australia.
• Methadone: Safe Usage for Management of Pain. Three national teleconferences for HospiScript Services for hospice nurses and staff. 2012
• The Plots Thins: The Importance of Calling the Primary. Noronha, L, Harlow, K and Marr, L. ACP Annual Meeting: New Mexico Chapter, October 2012.

JOURNAL/EDITORIAL REVIEWER
Peer Reviewer
• Journal of Clinical Oncology, Journal of Supportive Cancer Care
• Cancer
• 20 Fast Facts and Concepts, (www.eperc.mcw.edu)
• Journal of Palliative Medicine.
COMMUNITY OUTREACH

- Palliative Care - The Basics. The 13th Annual Update and Review of Internal Medicine. University of New Mexico Health Sciences Center and Beth Israel Deaconess Medical Center. Santa Fe, New Mexico.
- Prognostication in Serious Illness. Three national teleconferences for HospiScript Services for hospice nurses and staff. February 2013
- Treating Chronic Pain Safely. Rewards, Challenges and Pitfalls. University of New Mexico. Six 5-hour sessions co-taught with UNM colleagues throughout New Mexico (Albuquerque, Las Cruces and Santa Fe) for all prescribing health care providers. 2012-2013

PROFESSIONAL AFFILIATIONS

- Member, American Academy of Hospice and Palliative Medicine
- Fellow, American College of Physicians

Devon Neale, MD
N/A

Donna Jean Parker, MD

PROFESSIONAL AFFILIATIONS

- Member, American Academy of Family Practice
- Member, American Geriatrics Society

Sandra Qaseem, MD

COMMUNITY OUTREACH

- Medical Director, Alliance Home Health

PROFESSIONAL AFFILIATIONS

- Member, American Geriatric Society
- Member, American Association of Home Care Physicians

Irene San Roman, MD

PROFESSIONAL AFFILIATIONS

- Member, American College of Physicians
- Member, American Geriatrics Society
- Member, American Medical Directors Association

Anne Simpson, MD

COMMUNITY OUTREACH

- Joan Gibson Health Care Ethics Certificate (CME) Program – Faculty and Presenter
- New Mexico Blueprint Health – Affordable Care Act

PROFESSIONAL AFFILIATIONS

- Executive Board, Association for Practical and Professional Ethics
- Co-chair, Program Committee, American Society for Bioethics and Humanity
- Member, National Medical Association
Member, Association of Clinicians for the Underserved
Member, Association for Practical and Professional Ethics
Member, American Society for Bioethics and Humanities
Member, American Medical Association
Member, National Citizen’s Coalition for Nursing Home Reform
Member, American Society for Bioethics and Humanities and Co-Chair, R.A.C.E Affinity Group
Member, American Medical Directors Association and member of Ethics Committee
Member, American Geriatric Society: Ethno-geriatrics special interest group & Elder mistreatment special interest group
Member, David Thomasma International Bioethics Group
Member, American Medical Directors Association, House of Delegates

Dennis Villareal, MD

INVITED LECTURES: REGIONAL OR NATIONAL

- “Effects of Long-term Caloric Restriction on Bone Metabolism and Bone Mass” 2013 Experimental Biology Meeting, Boston, MA
- “Lifestyle Interventions for Older Adults at Risk for Diabetes”, American Society for Specialty Professors (ASP) 2013 Workshop on Diabetes Mellitus and Cardiovascular Disease in Older Adults, Washington DC
- “Lifestyle Therapies to Improve Physical Function in Obese Older Adults, St Louis University School of Medicine Department of Internal Medicine, 2013 Grand Rounds, St Louis, MO
- “Lifestyle Interventions to Reverse Frailty in Obese Older Adults” 18th Lefeber Winter Series on Aging, University of Texas Medical Branch, Galveston, TX 2013
- “Lifestyle Therapies to Improve Physical Function in Obese Older Adults” Research Highlights for Division of Geriatrics and Clinical Gerontology, National Institute of Aging, 2013 Advisory Council Meeting, Bethesda, MD
- “Lifestyle Interventions in Obese Older Adults” 2012 ASBMR Topical Meeting. Preventing and Treating Muscle and Bone Loss, Kansas City, MO
- “Is Sarcopenia a Medical Condition?” FNIH-NIA-FDA 2012 Sarcopenia Consensus Summit, Baltimore, MD
- “Additive Effects of Physical Exercise and Diet in Obese Older Adults” IANA International Academy on Nutrition and Aging Albuquerque, NM, July 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT

- Alzheimer’s Disease and Related Disorders
- American Journal of Physiology, Endocrinology & Metabolism

EDITORIAL BOARD

- International Journal of Osteoporosis and Metabolic Disorders
- Journal of Nutrition in Geriatrics and Gerontology
- Journal of Nutrition in Health and Aging
GRANT REVIEWER

- Dr. Dennis Villareal continues as regular/standing member of NIH-Clinical and Integrative Diabetes and Obesity Study Section. He has been appointed to the DSMB for the Look AHEAD multicenter NIH trial and he serves as member of the Research and Development Committee of the NMVAHCS and board of directors of BRINM.

PROFESSIONAL AFFILIATIONS

- Fellow, American College of Physicians
- Member, American Geriatrics Society
- Member, Association for Patient-Oriented Research
- Charter Member, American Association of Clinical Endocrinologists
- Fellow, American College of Endocrinology
- Member, American Society for Bone and Mineral Research
- Member, Gerontological Society of America
- Member, Endocrine Society
- Member, Obesity Society

April Volk, MD

COMMUNITY OUTREACH

- April 20, 2013 “What Happens When You Die?” Living In Hope Series, Faith Lutheran Church, Albuquerque, New Mexico
- February 25, 2013. “Hospital Based Palliative Medicine in the New Mexico VA Health Care System: A Surgical Perspective” Department of Surgery Morbidity and Mortality Report, New Mexico Veterans Health Care System, Albuquerque, New Mexico
- Sept-Nov 2012 “Perspectives In Medicine- Ethics for Medical Students” Preceptor for Phase I Medical Students
- September 23, 2012 “Advanced Directives and Decisionality “ N429 End of Life Course, College of Nursing, University of New Mexico Health Science Center, Albuquerque, New Mexico

PROFESSIONAL AFFILIATIONS

- Member, American Academy of Hospice and Palliative Medicine
- Member, American Academy of Pain Medicine
- Member, American College of Physicians
- Member, American Medical Association
- Member, Greater Albuquerque Medical Association
- Member, New Mexico Medical Society
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

EDUCATION
There are currently 5 Hematology-Oncology Fellows in the training program. The fellowship is now a mandatory three total years, with an optional basic or laboratory research component, with board eligibility in both Hematology and Oncology.

The Division continues to organize the Wednesday morning Oncology Journal Club, and the Wednesday morning didactic fellow/resident lecture series (led by Dr. Fekrazad), the Tuesday afternoon UNM-wide ACOS-required Tumor Board (led by Dr. Lee), and the monthly City-Wide Hematology Meetings.

The Division continued to distribute to all Residents, Medical Students, and Fellows that rotate through any oncology clinic or ward the “Pocket Hematology-Oncology: Everything You Need to Know at Your Fingertips.” The Division holds two patient centered educations lectures per week for residents and fellows on topics in Hematology-Oncology, on Monday afternoon at 3-5 PM. We also have a monthly board review session scheduled for a Thursday 1:30-2:30 PM. Fellows also take annual in service exams to assess their knowledge base compared to national standardized tests.

RESEARCH AND SCHOLARLY ACTIVITIES
The Division organizes and supervises all clinical oncology research for the UNM Health Science Center. In FY 2012-13, the Division administrated a number of UNMCC protocols. These therapeutic trials are also open within the New Mexico Cancer Care Alliance, and thus accrue not only at UNM but also at numerous affiliated community sites. The Division supervised 218 accruals on therapeutic trials, with an additional 71 therapeutic accruals supervised by the Division at the community affiliate sites.

The Division published 30 peer-reviewed papers last year, in high quality journals such as the Journal of Clinical Oncology.

The Division continues to play a key leadership role in developing the flow of translational science from laboratory to clinic and back again, that is essential for the NCI P30 CCSG to the UNM Cancer Center.

CLINICAL OPERATIONS
The UNM CRTC is one of 61 NCI-designated cancer centers in the US. The Division supervises all cancer care at the UNM Cancer Center, with Division faculty chairing the UNM HSC Oncology Committee, the policy setting body of the HSC, and serving as Oncology Physician in Chief for the UNM Hospital.

A number of key faculty left the Cancer Center the previous year and a lot of time and energy has been expended on recruiting new faculty. We have recruited two senior faculty (including a new chief) and three junior faculty who will be joining our division after July 2013.
Dr. Ian Rabinowitz serves as the UNM Cancer Center’s Out-Patient Clinic Director, and Dr. Richard Lauer is the overall Chief Medical Officer for oncology efforts at the Cancer Center. He also is on the UNM Hospital Executive Medical Board, and serves as the Chair of the Oncology Committee for the UNM HSC.

The Division in 2012-2013 had responsibility for directing Hematology and Medical Oncology care in the Lovelace Sandia Health Care System, which comprises two area hospitals, Lovelace Downtown, and Women’s Hospital. This effort continues currently. However our out-patient clinic at Lovelace Downtown was closed in June 2013. We still provide oncology/Hematology support to the in patient at Lovelace Downtown.

There are 8 multi-disciplinary clinics at the UNM Cancer Center. These are in breast (led by Dr. Royce), lung (led by Dr. Rabinowitz), GI (led by Dr. Lee), hematologic malignancies (led by Dr. McGuire), gynecologic malignancies (led by Dr. Muller of OB-GYN), GU (led by Dr. Lauer), Radiation Oncology (led by Drs. Liem and Schroeder), and Phase I trials (led by Dr. Shaheen). These continue to function at a high level in the Cancer Center. Such clinics routinely include medical oncology, clinical trials coordinators, surgical oncology, radiology, and radiation oncology. The Division provides the leadership for these multi-disciplinary clinics. These multi-disciplinary clinics also have cognate clinical working groups that prioritize clinical trials and stimulate translational research in collaboration with the basic scientists of the Cancer Center.

The Division continues to supervise the Hematology-Oncology in-patient service at University Hospital, with Dr. Fa-Chyi Lee serving as the Medical Director both 5 East, the Oncology Floor and 3 East, the Hematology Floor.

The Division is organized into 6 Sections, Gastrointestinal Malignancies led by Dr. Fa-Chyi Lee, Aerodigestive Tumors, led by Dr. Eliazbeth McGuire, Breast Cancer led by Dr. Melanie Royce, Radiation Oncology led by Dr. Thomas Schroeder, Experimental Therapeutic led by Dr. Montaser Shaheen, and Genitourinary Cancer led by Dr. Richard Lauer.

ADMINISTRATION
Dr. Ian Rabinowitz continues to serve as UNM Cancer Center Out-Patient Clinical Director. Dr. Fa-Chyi Lee is Medical Director of 5E in UNMH, and 3E of UNM Hospital the oncology in-patient wards. Dr. Lee also serves on the Pharmacy and Therapeutics Committee of UNM Hospital. Dr. Lee sits on the UNMH Medical Directors Committee. Dr. Amy Tarnower has been the director of the Lovelace Downtown UNM out-patient clinic till the closing of this clinic in June 2013.

Dr. Melanie Royce is the Director of the Clinical Trials Office, the administrative office that organizes clinical oncology research. Dr. Rutlege chairs the Protocol Review Committee of the UNM Cancer Center, which reviews all UNM oncology clinical protocols for scientific merit and feasibility. Dr. Montaser Shaheen is the Director of Experimental Therapeutics, which is the Phase I Trials effort, which will be responsible for building an early phase cancer Drug development Program at the Cancer Center.

Dr. Melanie Royce is the Medical Director of the New Mexico Cancer Care Alliance, which brings cutting edge clinical trials to the community.

Dr. Richard Lauer is the Chief Medical Officer of the Cancer Center, and Oncology Physician-in-Chief for the UNM Hospital. He also now Chairs the Oncology Committee for the UNM HSC, and serves on the Executive Medical Committee of the UNM Hospital.
SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
We will strengthen and formalize the education efforts for residents and fellows on the UNMH Hematology-Oncology in-patient service. We will continue the significant efforts in didactic lectures for Fellows in Hematology-Oncology and Internal Medicine residents for board review.

RESEARCH AND SCHOLARLY ACTIVITIES
Since the departure of key faculty in early 2011, the research effort has had to be adjusted. This will hopefully improve with our new faculty recruits.

However, translating novel drugs discovered at UNM to clinical trials remains a complex goal. The challenge for this year is to continue to maintain the Phase I Program. We have recruited an experimental therapeutics researcher Dr. Martin J. Edelman who can build this program. The new chief has brought a number of compounds from the lab to the clinic and we hope his previous success continues at UNM.

Another major goal of the Divisional research this year is to increase the number of extra-mural peer-reviewed basic or translational research grants.

CLINICAL OPERATIONS
The goal for last academic year was to fully incorporate the Lovelace Health plan patients into the Division’s oncology practice. The UNM Las Cruces clinic was stabilized with the recruitment of Drs. William Adler and Robert Francis. Unfortunately, Dr. Francis has subsequently resigned. We will continue to actively recruit a second physician.

A major achievement this year was the recruitment of a chief of the division. Dr. Wadih Arap has been recruited from MD Anderson. He is a renowned researcher in prostate cancer. This will hopefully afford the division stability and direction. The hiring of faculty to replace the clinical faculty who had left is almost complete.

ADMINISTRATION
The faculty have over the year increased their comfort and participation with the electronic medical record. We continue to monitor our meaningful use, and faculties are notified if they are not meeting institutional requirements. Finally, fully integrating the new section of Radiation Oncology into the Division has been an administrative priority for the Division. Fully integrating the Division, with its multiple complex Sections into a functional organism is imperative in order to achieve the above aims.

HONORS AND AWARDS
The most significant achievement has been maintaining a functional division that has been able to serve patients from within the UNM system as well as from outside. This has been in an environment of diminishing numbers of faculty and decrease in the morale as a consequence of faculty attrition. The quality of care continues to be cutting edge.
**APPPOINTMENTS**

**FACULTY**

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<td>Cecilia Arana Yi, MD</td>
<td>Assistant Professor</td>
<td>6/19/2013</td>
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<td>David Lee, MD</td>
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**STAFF**

None

**SEPARATIONS**

**FACULTY**

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<td>Robert Francis, MD</td>
<td>Assistant Professor</td>
<td>8/10/2012</td>
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<td>David Garcia, MD</td>
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<tr>
<td>Aroop Mangalik, MD</td>
<td>Professor</td>
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**STAFF**

None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

**William Adler, MD**

N/A

**Zoneddy Dayao, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Houman Fekrazad, MD**

**BOOKS, CHAPTERS AND ARTICLES**


3. Shalini Ravi-Kumar, Omid Sanaei, Mohammad Vasef, Ian Rabinowitz, Mohammad Houman Fekrazad, Anaplastic Large Cell Lymphoma Associated With Breast Implants
Volume 1, Number 1 (1-2012)

Esme Finlay, MD

BOOKS, CHAPTERS AND ARTICLES


Richard Lauer, MD
N/A

David Lee, MD
N/A

Fa Chyi Lee, MD

BOOKS, CHAPTERS AND ARTICLES


Benny Liem, MD

BOOKS, CHAPTERS AND ARTICLES

3. Radiation oncology section for chapters 7, 8, 12, 13, 14, 17, 18, 21, 22, 26 and 27 in Bone and Soft Tissue Tumours

Aroop Mangalik, MD
N/A
Yoshihiro Matsumoto, PhD

BOOKS, CHAPTERS AND ARTICLES

Elizabeth McGuire, MD

N/A

Yehuda Patt, MD

N/A

Dulcinea Quintana, MD

BOOKS, CHAPTERS AND ARTICLES

Ian Rabinowitz, MD

BOOKS, CHAPTERS AND ARTICLES

Melanie Royce, MD, PhD

BOOKS, CHAPTERS AND ARTICLES
John Saiki, MD
N/A

Annahita Sallmyr, PhD
N/A

Thomas Schroeder, MD
N/A

Montaser Shaheen, MD
N/A

Amy Tarnower, MD
N/A

Alan Tomkinson, PhD

BOOKS, CHAPTERS AND ARTICLES


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

William Adler, MD

INVITED LECTURES: REGIONAL OR NATIONAL
- AJCC Cancer Staging 7th edition: Like Brussel Sprouts—You May Not Like It But It’s Good For You (and for Your Patients), CME presentation, 10/25/12
- Evaluation of Thrombocytopenia, CME presentation, New Mexico Family Practice Association Statewide Annual Conference, 8/2/12

COMMUNITY OUTREACH
- Breast Cancer Panel, MMC Community Outreach for Breast Cancer Awareness, 10/1/12
- MMC Board of Directors Public Meeting, Oncology Presentation, 6/13/12
- American College of Surgeons Commission on Cancer Community Liaison Physician, 2012-13
- Practical Immersion Experience (PIE) for medical student, Summer, 2012
PROFESSIONAL AFFILIATIONS
- American Society of Clinical Oncology (ASCO)
- American College of Surgeons Commission on Cancer (ACS)
- Alliance for Clinical Trials in Oncology
- North Central Cancer Treatment Group (NCCTG)
- American College of Surgeons Oncology Group (ACOSOG)
- Cancer and Leukemia Group B (CALGB)
- ECOG-ACRIN Cancer Research Group
- Eastern Cooperative Oncology Group (ECOG)
- American College of Radiology Imaging Network (ACRIN)
- NRG Oncology Group
- National Surgical Adjuvant Breast & Bowel Project (NSABP)
- Gynecologic Oncology Group (GOG)
- Radiation therapy Oncology Group (RTOG)
- Southwest Oncology Group (SWOG)
- New Mexico Cancer Care Alliance (NMCCA)

Zoneddy Dayao, MD
N/A

M. Houman Fekrazad, MD
N/A

Esme Finlay, MD

INVITED LECTURES: REGIONAL OR NATIONAL
- Moderator Mixed Tumor Panel, Cancer Control. Society of Integrative Oncology. Albuquerque, NM. October 9, 2012
- Palliative Care: What is it and How is it Relevant to Your Practice? NM APA 32rd Annual Fall Primary Care Conference 2012. Albuquerque, NM. September 20, 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- Journal of Clinical Oncology
- Palliative Care: Research and Treatment
- Lung Cancer

PROFESSIONAL AFFILIATIONS
- Chair Oncology Special Interest Group (SIG), American Academy of Hospice and Palliative Medicine (AAHPM); Oversee SIG activities, and select and review presentations for annual meetings
- Participant: ASCO/AAHPM Palliative Care in Oncology Practice Consensus Project
- Member: ASCO Supportive Care Guidelines Advisory Group

Richard Lauer, MD
N/A
David Lee, MD
N/A

Fa-Chyi Lee, MD
AD HOC REVIEWER OR EDITORIAL CONSULTANT
• John C. Deutsch MD2, Matthew R. Banks FRCP, PhD3, Fa-Chyi Lee. Published Online: 26 FEB 2013DOI: 10.1002/9781118555651.ch17. This edition first published 2013 © 2013 John Wiley & Sons, Limited

EDITORIAL BOARD
• Endoscopy in Pancreatic Cancer: An Oncologist's Perspective

Benny Liem, MD
N/A

Aroop Mangalik, MD
N/A

Yoshihiro Matsumoto, PhD
PROFESSIONAL AFFILIATIONS
• Served as a peer reviewer for DNA Repair (1 paper), PLOS ONE (2 papers).

Elizabeth McGuire, MD
INVITED LECTURES: REGIONAL OR NATIONAL
• Ask the Doctor about Update in Lymphoma Treatment Options Lymphoma Research Foundation Nov 28, 2013

COMMUNITY OUTREACH
• Lymphoma and Leukemia lecture for UNM 16th Annual Update and Review of Internal Medicine October 24, 2012
• Ask the Doctor about Update in Lymphoma Treatment Options Lymphoma Research Foundation 11/28/2012

Yehuda Patt, MD
N/A

Dulcinea Quintana, MD
N/A

Ian Rabinowitz, MD
N/A

Melanie Royce, MD, PhD
INVITED LECTURES: REGIONAL OR NATIONAL
• Bachir Sakr, William Sikov, Melanie Royce, Robert Legare, Mary Anne Fenton, Rochelle Strenger, Jennifer Gass, Tina Rizack, Gabriella Masko, David Wazer and Don Dizon. Final results of BrUOG BR-213: a


- Reina Armamento-Villareal, Angela Meisner, Lina Aguirre, Vibhati Kulkarny, Vallabh Shah, Clifford Qualls, Zoneddy Dayao, Melanie Royce. Polymorphisms in the CYP19A1gene are associated with differences in disease progression in women with breast cancer from different racial/ethnic backgrounds. J Clin Oncol (Meeting Abstracts) May 2012 vol. 30 no. 15_suppl 1558


- CME Panelist, "Multidisciplinary Integrative Tumor Board", 9th International Conference of the Society for Integrative Oncology, Albuquerque, NM, October 9, 2012.


- CME Speaker, "Endocrine Therapy Update", 6th Middle East Best of CRTC-AACR San Antonio Breast Cancer Symposium, Jeddah, Kingdom of Saudi Arabia, January 4 - 5, 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT

- Ad Hoc Reviewer: Cancer, 2012 - Present
- Ad Hoc Reviewer: American Journal of Clinical Oncology, 2005 – Present
- Ad Hoc Reviewer: Oncology, CMP Healthcare Media, 2004 - Present
EDITORIAL BOARD

- Editorial Board member, Journal of Cancer Research, 2013 - Present
- Editorial Board member, Advances in Breast Cancer Research (ABCR), 2012 - Present
- Editor, Clinical Quandaries in Oncology for the journal ONCOLOGY, 2008 - Present
- Editorial Advisory Board for ONCOLOGY, 2005 - Present
- Editor, Internet Journal of Oncology, 2002 - Present

COMMUNITY OUTREACH

- Member, US FDA Oncology Drugs Advisory Committee (ODAC) to discuss a product for the neoadjuvant treatment of breast cancer, September, 2013.
- Reviewer, NCI National Clinical Trials Network (NCTN) Lead Academic Participating Sites (LAPS), September 2013.
- Member, External Advisory Committee, Fred Hutchinson Cancer Research Center P50 grant award from NCI’s Centers for Population Health and Health Disparities, January 2010 - present
- Member, NCI Breast Cancer Steering Committee (BCSC), May 2009 - April 2012
- Member, Outcomes and Comparative Effectiveness Committee, SWOG, May 2011 - present
- Member, Breast Committee, SWOG, March 2004 - present
- Member, SWOG Breast Working Group Committee, April 2010 - present
- NIH Grant reviewer, Special Emphasis Panel (SEP) Loan Repayment Program (LRP, L30 grants), 2010 - present
- New Mexico Department of Health Medical Advisory Board member, Breast and Cervical Cancer Program, September 2004 - present.
- New Mexico Cancer Council, September 2004 - present
- Great Western Division, American Cancer Society, Board Member, July 1, 2013 - present.
- Nancy Floyd Haworth Foundation, Board Member, July 1, 2013 – present

John Saiki, MD
N/A

Annahita Sallmyr, PhD
N/A

Thomas Schroeder, MD
N/A

Montaser Shaheen, MD
N/A

Amy Tarnower, MD
N/A

Alan Tomkinson, PhD

INVITED LECTURES: REGIONAL OR NATIONAL

- University of Calgary, Lecture title: DNA ligases; from biochemistry to therapeutics, June 2013
AD HOC REVIEWER OR EDITORIAL CONSULTANT
- DNA Repair
- Nucleic Acids Research
- Biochemistry
- Journal of Biological Chemistry
- Molecular Cell
- Cell Reports

JOURNAL/EDITORIAL REVIEWER
- Associate Editor, DNA Repair
- PhD Dissertation of Brandi Mahaney, University of Calgary

GRANT REVIEWER
- NIH Special Emphasis Panel; R01 grant review
- NCI site visit review team member; Salk Institute
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<td>Shaheen Montaser</td>
<td>HSC - 1881</td>
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<td>Roles of Lig3 and XRCC1 Genes in Genome Stability</td>
<td>5R01ES 012512-11</td>
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<td>ARRA-Nitrosamine Chemistry and Biochemistry</td>
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**Significant Developments During the Academic Year 2012-2013**

This year we have had tremendous growth and stability re-added back to the division while strengthening ties with our VA and SRMC sites. After a tumultuous year last year, we for the first time in 5 years are fully staffed at UNM and have a stable, productive, and cohesive group. In addition to successfully recruiting UNM faculty, we had turnover of our mid-level services with only 1 person retained, but now have 4 new motivated members. Productivity and enthusiasm around education, quality, and clinical care is high and morale is excellent. SRMC is on more stable footing and despite a leadership change in our section, clinical operations are being worked out and volume is increasing. The trajectory for the division as a whole is in a much better position compared to 1 year ago and all aspects of our practice and group continue to improve.

**Education**

- The Division continues to provide significant levels of medical student and resident education. This includes tutorials, Phase 2 lecture series, BATCAVE simulation training. This year we have added ultrasound procedure training for residents and we are primary faculty for the clinical skills sessions.
- We continue to prioritize quality and safety education. We offer the Informatics, Medical Economics, and leadership Elective with high levels of resident participation (Between a third to half of all residents complete this elective over their residency.) We are also involved in the Quality Seminar Series with Dr. Crowell.
- We provide all Phase 2 lecture series and our faculty participate in tutorials in ID, Transitions, immunology, and CV/Pulm blocks.
- We continue our weekly Hospital Medicine Best Practices lecture series which is attending by faculty, residents, fellows, students, case management, and members from other divisions and departments. This is an excellent educational venue for hospital medicine topics, but also provides experience, skills, and feedback in educating on a regular basis for each of our faculty.
- We had our first annual division retreat attended by members from all 3 sections. It was well received and generated many cross section projects. The second retreat is being planned at this time.

**Research and Scholarly Activities**

- Division members presented 8 abstracts at the National Society of Hospital Medicine meeting, up 50% from last year
- Division members published 6 manuscripts this fiscal year, setting a new record for the Division.
- In presentations of clinical vignettes and research posters at the 2012 New Mexico ACP Chapter Annual meeting, Division faculty mentored more residents and students than any other Division.
- Dr. Deepti Rao received a SEAC grant to teach and study bedside ultrasonography. Results of this project were presented at the national Society of Hospital Medicine meeting.

- The Division initiated a junior faculty exchange program with the University of Colorado School of Medicine and Texas Tech University School of Medicine. Goals of this program are to assist junior faculty with promotion by gaining reputation outside of home institutions, development of external mentorship and career advice relationships, and enhancing intra-institutional networking and project collaborations.

**Clinical Operations**
We continue to have hire census levels with a new peak of 112, though most of the year is a more manageable ~70-80. We are staffed to handle just under 100. We re-organized the resident teams to have 6 1 resident/1 intern teams with a cap of 14 rather than teams with different sizes. We continue to perform well in duty hours and resident evaluations.

Started a consultative service/ER Triage service with 2 interns on it, have a month long curriculum and education goals for learners.

We have re-hired our discharge clinic mid-level and the clinic is running well under the directorship of Dr. Collins. We have hired 4 new mid-level providers for our inpatient service and now have 2 here everyday of the week. We also have just hired a medical assistant to work on the non-resident team.

We have continued to focus on quality activities with almost all members of the group leading or participating in quality initiatives. We have multiple members on the Inpatient Value Stream and other projects including VTE prophylaxis, Glycemic Control, Care Transitions, Early Ambulation, Documentation, Sepsis, preventing hospital acquired infections, fall prevention, etc.

Our Hospital Medicine Best Practice meetings still serve as a forum to develop new clinical guidelines and identify issues. Each meeting has an expectation to address a system issue or develop a process to ensure standardization of processes. This has led to the development of written guidelines, electronic order sets, and other education activities and process changes in the hospital.

We continue to perform 100% open mortality reviews on all deaths that occur on the hospital medicine service which helps direct and identify trends in safety and process issues in our system.

COMMUNITY ACTIVITIES

We are involved in a statewide hospital medicine initiative led by Dr. Pierce to address inpatient safety issues at a state level

We have engaged with MATS and the county of Bernalillo to identify resources for our patients with substance abuse problems, transportation issues, and other common issues that may help appropriate disposition with state assistance.

ADMINISTRATION

We are fully staffed at UNM for FY14 including our mid-level services. Both VA and SRMC have minor staffing needs. Our salary for UNM faculty remains above 25% AAMC.

Members of our group now have roles as Executive Medical Director for Case Management, a Medical Executive Committee member, 2 Unit medical directors, director of IM clerkship, Associate Program Director for Residency. Internally we have directors for orientation/retention, research and scholarly activity, consult service, liaison to other services, director of HM IT, mortality review, education, and documentation. We continue to foster leadership skills in all members of the group and encourage attaining leadership roles in the institution.

As a Division of Hospital Medicine, we continue to work for close alignment with our Sections at SRMC and the VA. Our total faculty and staff to almost 50 members across all 3 sites.

Our online wiki continues to be a primary source for communication and standardization. It continues to grow each year with wider audiences. We have most processes described in detail and it is updated almost daily by many participants. The wiki forms a written culture of transparency and process improvement as well as serving as an educational resource.

We continue a monthly practice report signed by all members of the group which includes minutes and major decisions made at each of our hospitalist meetings, and synopsis of major teaching points and process changes from our best practice meetings.

We continue to have monthly business meetings, monthly executive business meetings, monthly mortality meetings, and monthly work group meetings. Our hospitalists are engaged in meetings 2-3 times every week which adds to the cohesiveness and productivity of the group. Hospitalist average over 70% attendance at these meetings.

HONORS AND AWARDS

Dr. Kendall Rogers received 2012 Book of the Year Award from the Health Information Management and Systems Society (HIMSS) for the textbook he co-authored on clinical decision support tools.

Dr. Rush Pierce won the resident teaching award and Khatali Medical Student education Award.

Dr Rush Pierce, William R Hardy Teaching Physician of the Year (selected by the residents), Department of Internal Medicine, University of New Mexico School of Medicine, 2013

Dr Rush Pierce, Albuquerque Top Docs, Albuquerque the Magazine, 2013

Dr Deepti Rao, Membership AOA

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE
As we have addressed our immediate staffing needs, our goal now is on retention and faculty development. This will include a focus on our work environments and processes to improve both efficiency and quality of care and education. As our faculty mature, our goal is to continue taking leadership roles in all areas including quality efforts by the department and the hospital (LEAN and inpatient Value Stream) and becoming much more productive in our quality and scholarly activities.

We continue to need better integrate our efforts across all 3 sites. We will be addressing this at our next division retreat in October.

**EDUCATION**

- Still working to have our Best Practice Lectures broadcasts to VA and SRMC
- Planning our Second Annual Hospital Medicine Retreat to focus on Professionalism
- Working to modify the inpatient curriculum that we developed locally
- Become major source for quality and safety education for the institution (quality seminar series)
- Planning Hospital Medicine Grand Rounds Block for April 2014

**RESEARCH AND SCHOLARLY ACTIVITIES**

We are working to identify and foster effective mentoring relationships and strong expectations for all faculty regarding scholarly work. Will continue to utilize the Research Club to help with this.

Continue to work towards more effective use of databases and access to data for our quality and research goals

**CLINICAL OPERATIONS**

- Work to retain staff to provide needed levels of staffing for patient load
- Work on projects that not only improve quality, but also that result in same quality but decreased cost or improved efficiency.
- Continue to work on development of order sets and clinical decision support tools

**COMMUNITY ACTIVITIES**

Ongoing focus on community related outreach in addition to committee and education initiatives on both a local and national level

**ADMINISTRATION**

- Need to garner administrative support for SRMC as a section of this size cannot function well without it.
- Continue to encourage and foster leadership roles for members of our group and provide leadership education to all members
- Goal of improving our OPPE processes and regulatory requirements with a division of this size

**HONORS AND AWARDS**

Continue to find avenues of recognition of Faculty and Staff for significant achievements on both a local and national level.

**APPOINTMENTS**

**FACULTY**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Yosef Raskin, M.D.</td>
<td>Assistant Professor</td>
<td>8/1/2012</td>
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<td>Srikanth Seethala, M.D.</td>
<td>Assistant Professor</td>
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<td>Theresa Ronan, M.D.</td>
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<td>Seth Scott, M.D.</td>
<td>Assistant Professor</td>
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<td>Kumar Priyank, M.D.</td>
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<td>Sue Chang, M.D.</td>
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<td>Esteban Pena</td>
<td>Assistant Professor</td>
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**STAFF**
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<td>Laura Holder</td>
<td>Administrative Assistant II</td>
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**SEPARATIONS**

**FACULTY**
None

**STAFF**
None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

Rebecca Bair, MD
N/A

Peggy Beeley, MD
N/A

Janet Blanchard, MD
N/A

Marcos Burgos, MD
N/A

Sue Jean Chang, MD
N/A

Nathaniel Collins, MD

**BOOKS, CHAPTERS AND ARTICLES**


Dana Davis, MD

**BOOKS, CHAPTERS AND ARTICLES**


Nicole Emil, MD
N/A

Holly Fleming, MD
N/A

Wendy Gerstein, MD
N/A

David. A. Gonzales, MD
N/A
Farzana Harji, MD
N/A

Diedre Hofinger, MD
BOOKS, CHAPTERS AND ARTICLES

Sepehr Khashaei, MD
N/A

Teodora Konstantinova, MD
N/A

Jens Langsjoen, MD
N/A

Anju Manral, MD
N/A
Sheila Modi, MD
N/A

Betty Newville, MD
N/A

David Olson, Jr., MD
BOOKS, CHAPTERS AND ARTICLES

Esteban Pena Ayala, MD
N/A

Percy Pentecost, MD
N/A

J. Rush Pierce, Jr., MD
BOOKS, CHAPTERS AND ARTICLES
2. Clemens A, Pierce J. Clinical vignette: Tension pneumothorax complicating septic pulmonary emboli [abstract 228]. Society of Hospital Medicine, 05/18/2013, National Harbor, MD.

Kumar Priyank, MD
Deepti Rao, MD
N/A

Yosef Raskin, MD
N/A

Kendall Rogers, MD

BOOKS, CHAPTERS AND ARTICLES
4. Redesign of an internal medicine ward rotation for compliance with ACGME duty-hour restrictions: operational challenges, education effects and professional satisfaction. Journal of Graduate Medical Education. Ms. No. JGME-D-11-00092R2

Theresa Ronan, MD
N/A

Seth Scott, MD
N/A

Srikanth Seethala, MD
N/A

Bryan Wood, MD
N/A

Anthony Worsham, MD
N/A

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Rebecca Bair, MD
N/A

Peggy Beeley, MD
N/A

Janet Blanchard, MD
N/A

Marcos Burgos, MD
N/A
Sue Jean Chang, MD
N/A

Nathaniel Collins, MD
N/A

Dana Davis, MD
N/A

Nicole Emil, MD
N/A

Holly Fleming, MD
N/A

Wendy Gerstein, MD
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David. A. Gonzales, MD
N/A

Farzana Harji, MD
N/A

Diedre Hofinger, MD
N/A

Sepehr Khashaei, MD
N/A

Teodora Konstantinova, MD
N/A

Jens Langsjoen, MD
N/A

Anju Manral, MD
N/A

Sheila Modi, MD
N/A

Betty Newville, MD
N/A

David Olson, Jr., MD
N/A
Esteban Pena Ayala, MD
N/A

Percy Pentecost, MD
COMMUNITY OUTREACH
- Volunteered for 1 week as physician at Philmont Scout Ranch near Cimarron, NM, serving approximately 3000 youth and adults from the Boy Scouts of America as well as local and state firefighters present in efforts to fight fires in the northern NM area in June.

J. Rush Pierce, Jr., MD
AD HOC REVIEWER OR EDITORIAL CONSULTANT
- American Journal of the Medical Sciences
- American Journal of Preventive Medicine
- Journal of Patient Safety
- Journal of Public Health Management and Practice
- Medical Education
- Southern Medical Journal

COMMUNITY OUTREACH
- Boy Scouts of America, Great Southwest Council
- St John’s United Methodist Church

PROFESSIONAL AFFILIATIONS
- American College of Physicians, New Mexico Chapter (President; Governing Council; Chair, Hospitalist Committee; Chair, New Mexico Patient Safety Task Force)
- American College of Preventive Medicine (Education Committee)
- American Geriatrics Society (Disaster Planning and Preparedness Special Interest Group)

Kumar Priyank, MD
N/A

Deepti Rao, MD
INVITED LECTURES: REGIONAL OR NATIONAL
- Ultrasound for hospitalists at Univ of Colo Hospitalist Grand Rounds

Yosef Raskin, MD
INVITED LECTURES: REGIONAL OR NATIONAL
- Submitted, together with medical student Daniel Velasquez, Clinical Vignette ( poster) abstract "A Bacteremia - Unusual Manifestation of Clostridium Perfringens Infection" to 2013 Society of Hospital Medicine annual conference.

Kendall Rogers, MD
INVITED LECTURES: REGIONAL OR NATIONAL
- 10/2012: ACP Regional Conference: Update in Hospital Medicine 2012

PROFESSIONAL AFFILIATIONS
• Society of Hospital Medicine
• Society of General Internal Medicine
• Health Information Management Systems Society
• American College of Physicians Executives
• American College of Physicians
• Association of Chiefs and Leaders in General Internal Medicine

Theresa Ronan, MD
N/A

Seth Scott, MD
N/A

Srikanth Seethala, MD
N/A

Bryan Wood, MD
N/A

Anthony Worsham, MD
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INFECTION DISEASES

ANNUAL REPORT: JULY 1, 2012 – JUNE 30, 2013

Thomas F. Byrd, M.D.
Professor of Medicine
Interim Chief, Division of Infectious Diseases

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

EDUCATION

• Kingsley Asare, DO, Firas Aswad, MD and Kari Yacisin, MD successfully completed the Infectious Diseases fellowship program.
• Rosemary Garcia, MD and Anuj Malik, MD entered the Infectious Diseases fellowship as first year fellows. Dr. Garcia successfully completed her first year of the program and Dr. Malik will complete his first year in October, 2013.
• The ID Division continues to participate in CME activities throughout NM, including the Advances in Internal Medicine Lecture series.
• The ID Division faculty play a leadership role in medical student and resident education through involvement in Phase I tutorials, development of course curricula and organization/coordination of lecture series
• The ID Division plays a major role in the education of UNM Pharmacy trainees with 2-3 students and one resident present as part of the ID inpatient consult team for most of the year
• The ID Division plays a leadership role in HIV care through; 1) training activities at the Truman HIV clinic at the University of New Mexico, and the HIV clinic at the affiliated New Mexico VA Healthcare System, and 2) statewide through activities associated with the ID Division New Mexico AIDS Education and Training Center Grant.
• The ID Division hospital epidemiology/antimicrobial stewardship programs at the University of New Mexico and affiliated New Mexico VA Healthcare Systems play a leadership role in educational activities relevant to these areas both locally and through lectures presented to audiences throughout New Mexico.
• The ID Division plays a leadership role in providing education and guidelines related to sexually transmitted diseases to providers throughout New Mexico supported by the New Mexico Department of Health.
• The ID Division plays a leadership role in providing education and guidelines related to treatment of tuberculosis through faculty affiliation with the New Mexico Department of Health, and the provision of the only clinic in New Mexico focused on providing care to patients infected with non-tuberculous mycobacteria.

RESEARCH AND SCHOLARLY ACTIVITIES

• Division faculty as a whole published 17 books, chapters and articles in peer-reviewed journals
• The ID Division scholarly activities focus on basic and translational research activities in the areas of Candida albicans pathogenesis, mycobacterial pathogenesis, tropical infectious diseases, hepatitis C treatment and hospital epidemiology
• Robert Munk, MD received his 14th consecutive award from National Institutes of Health, National Library of Medicine for “AIDS InfoNet”
Thomas F. Byrd, MD received a CTSC award for “Identification of efflux pump inhibitors to potentiate antibiotic effects against Mycobacterium abscessus.”

CLINICAL OPERATIONS
- The ID Division provides a major service to both UNMH and the New Mexico VA Healthcare System through the provision of Outpatient Antimicrobial Therapy (OPAT) Clinics at both institutions. Published data, as well as an in-house analysis, document large cost savings associated with discharge of patients to receive prolonged courses of IV antibiotics at home with clinic follow up.
- The Truman Health Services Clinic has begun an expansion to create a patient-centered medical home model which will support a full range of services related to care of HIV-infected patients.
- The ID Division submitted a proposal for a Travel Clinic at UNM to the Department of Internal Medicine.

COMMUNITY ACTIVITIES
- ID Division faculty are a resource for guidelines related to care of patients with sexually transmitted diseases, as well as major facilitators of clinician/trainee education funded by a contract from the New Mexico Department of Health to provide these services.
- ID Division faculty are a resource for guidelines related to care of patients with HIV, as well as major facilitators of clinician/trainee education funded by a grant from the state to provide HIV clinician/trainee education.
- ID Division faculty facilitated numerous ECHO Telemedicine Clinics focusing on hepatitis C and HIV education and direct clinical care to providers in communities throughout New Mexico.

ADMINISTRATION
- Thomas F. Byrd, MD continues in his role as Interim Infectious Diseases Division Chief.
- Thomas F. Byrd, MD has taken on the role of Committee Chair for Human Research Review Committees 2 and 4.
- The ID Division began a search for a permanent Infectious Diseases Division Chief.
- Meghan Brett, MD assumed the position of UNMH epidemiologist and Director of the UNMH Antimicrobial Stewardship Program. Dr. Brett also serves as a member of the Internal Medicine Quality Group.
- Sarah Allen, MD assumed the position of ID Fellowship Director and Director of the OPAT Clinic.

HONORS AND AWARDS
- Karla Thornton, MD was promoted to Professor.
- Julia Lovchik, Ph.D received the 2013 Innovation Award for U.S. Patent – STC.UNM.
- Rosemary Garcia, MD - Fellow 2012-2014 - Department of Internal Medicine House Officer Employee of the Month “Hallway Award”, 2013 for exceptional patient care and note-writing.
- Kari Yacisin, MD - Fellow 2011-2013, Fellow of the Year, 2013 - GME.
- Wendy Gerstein, MD – Faculty - Department of Internal Medicine Faculty Employee of the Month “Hallway Award”, 2013 for excellent clinical expertise and patient care.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
- The ID Division will continue to have a major role in medical student education at UNM through involvement in Phase I tutorials, development of course curricula and organization/coordination of lecture series.
- The ID Division will continue to be recognized throughout the state as playing a major role in HIV, hepatitis C, sexual transmitted diseases and tuberculosis clinical care and education.
RESEARCH AND SCHOLARLY ACTIVITIES

- The ID Division plans to continue basic and translational research activities in the area of Candida albicans pathogenesis, infection, hepatitis C treatment, and hospital epidemiology.
- Dr. Byrd is co-investigator on a recently submitted NIH U19 proposal dealing with antibiotic drug discovery and recently submitted an NIH R01 application which seeks to identify efflux pump inhibitors which could potentiate antibiotics used to treat the pulmonary pathogen *Mycobacterium abscessus*.

CLINICAL OPERATIONS

- The MOTT/NTM (nontuberculous mycobacteria) clinic jointly staffed by Thomas F. Byrd, MD and Kitty Busby, MD from pulmonary medicine has been seeing increasing numbers of patients and is providing educational opportunities for medical students, residents and fellows.
- The Truman Clinic will expand its operations with additional administrative and mid-level hires. In addition, a search for an additional HIV-provider at the faculty level who has expertise in health outcomes research and/or quality improvement activities is being initiated. The result will be an expansion of available services to HIV patients at the Truman Clinic.
- Efforts will be made to obtain additional resources to allow the ID Division to continue to support the burgeoning UNM OPAT Clinic.

COMMUNITY ACTIVITIES

- Michelle Iandiorio, MD will continue to participate in sponsored events supporting AIDS awareness as well as adolescent health.
- Elaine Thomas, MD will continue to contract with NMDOH to provide STD patient care and clinician/trainee education.

ADMINISTRATION

- Bruce Williams MD and Thomas F. Byrd MD will continue to work with UNM Medical Group to creatively manage the clinical and administrative interface between the Truman Clinic and the ID Division.

APPOINTMENTS

FACULTY

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<tr>
<td>Sarah Allen, MD</td>
<td>Fellowship Director, Professor</td>
<td>9/6/2012</td>
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<tr>
<td>Meghan Brett, MD</td>
<td>Hospital Epidemiologist, Assistant Professor</td>
<td>10/1/2012</td>
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<tr>
<td>Julie Lovchik, Ph.D.</td>
<td>Research Assistant Professor</td>
<td>4/23/2013</td>
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STAFF

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<tbody>
<tr>
<td>Nathan Troyer, MBA</td>
<td>Unit Administrator</td>
<td>8/28/2012</td>
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<tr>
<td>Genevieve Barela</td>
<td>Program Coordinator</td>
<td>8/21/2012</td>
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<tr>
<td>Irene Gutierrez, MD, MPH</td>
<td>Program Coordinator</td>
<td>2/12/2012</td>
</tr>
<tr>
<td>Christina Klauber</td>
<td>Program Coordinator</td>
<td>6/15/2012</td>
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SEPARATIONS

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<tr>
<td>Nicole Klein, MD</td>
<td>Visiting Assistant Professor</td>
<td>11/1/2012</td>
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<tr>
<td>Anne Green</td>
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<td>9/19/2012</td>
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<td>Genevieve Barela</td>
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<td>Irene Gutierrez, MD, MPH</td>
<td>Program Coordinator</td>
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PUBLICATIONS OF THE DIVISION AND FACULTY

Sarah Allen, MD
N/A

Meghan Brett, MD
N/A

Thomas F. Byrd, MD

BOOKS, CHAPTERS AND ARTICLES

Michelle Iandiorio, MD
N/A

Susan Kellie, MD

BOOKS, CHAPTERS AND ARTICLES
Samuel Lee, MD

**BOOKS, CHAPTERS AND ARTICLES**


Julie Lovchik, Ph.D.

**BOOKS, CHAPTERS AND ARTICLES**


Elaine Thomas, MD

N/A

Gregory Mertz, MD

**BOOKS, CHAPTERS AND ARTICLES**


Karla Thornton, MD, MPH

**BOOKS, CHAPTERS AND ARTICLES**

**Outside professional activities of faculty and staff**

**Sarah Allen, MD**

**Invited lectures: regional or national**
- Antibiotics for Family Practice, University of New Mexico, January 10, 2013
- Fever of Unknown Origin, UNM Medical School, January 3, 2013

**Professional affiliations**
- Infectious Diseases Society of America

**Meghan Brett, MD**

**Invited lectures: regional or national**
- Antimicrobial Stewardship Team at UNMH, Inpatient Leadership Meeting, October 2012
- Pertussis at UNMH, Nursing Staff Forum, UNMH, October 2012
- SIR for C. difficile and MRSA Bacteremia: What Does it Mean? New Mexico Annual Healthcare-Associated Infection Conference coordinated by NM Hospital Engagement Network, the NM Hospital Association, and HealthInsight NM—Albuquerque, NM, 8/2013.
- Hospital Epidemiology and Infection Prevention. Infectious Diseases General Lectures—UNMH, Albuquerque, NM, 7/2013

**Community outreach**

**Professional affiliations**
- American College of Physicians
- Infectious Disease Society of America
- The Society for Hospital Epidemiology of America
- Association for Professionals in Infectious Control and Epidemiology

**Thomas Byrd III, MD**

**Journal/editorial reviewer**
- Infection and Immunity
- Medical Microbiology and Immunology
- PLoS One
- BMC Infectious Diseases
PROFESSIONAL AFFILIATIONS

- American Medical Association

Michelle Iandiorio, MD

INVITED LECTURES: REGIONAL OR NATIONAL

- *HIV-HCV Co-Infection*. Dakota AETC-Sponsored Teleconference. 11/16/12.
- *HIV Update*. NMAETC-Sponsored Lecture. Torrance County Detention Center. Estancia, NM. (1 CME) 7/12/12.

AD HOC REVIEWER OR EDITORIAL CONSULTANT

- CME Activity Reviewer for University of New Mexico School of Medicine Continuing Medical Education Office. PeerView inReview. *Overcoming Lipodystrophy in HIV: Interdisciplinary Strategies for Patient-Centered Care*. 12/2012.

COMMUNITY OUTREACH

- Facilitator for HIV ECHO Telemedicine Clinic
- “Big Sister” for Big Brothers Big Sisters. Albuquerque, NM. 5/2012-present.
PROFESSIONAL AFFILIATIONS

- US-Mexico Border AETC Steering Team (UMBAST)
- HIV Medical Association (IDSA/HIVMA).
- Physicians for a National Health Program (PNHP).
- National Infectious Disease Society of America (IDSA; Member #12987).
- New Mexico Chapter of the IDSA.

Susan Kellie, MD

INVITED LECTURES: REGIONAL OR NATIONAL

- 7/10/12: “Update on CAUTI from the national APIC conference”, state-wide conference call to Healthcare-Associated Infection Learning and Action Network, hosted by HealthInsight New Mexico
- 8/17/12: “Influenza 2012-new choices in immunization”, talk to New Mexico Immunization Coalition, Albuquerque, New Mexico
- 9/11/12: “Antimicrobial Stewardship for New Mexico-learn the why and how”, recruitment webinar for New Mexico hospitals hosted by HealthInsight, New Mexico
- 10/16/12: “The new C. difficile: diagnosis, treatment and prevention”, talk for medical staff Christus-St. Vincent Medical Center, Santa Fe, New Mexico.
- 11/7/12: “The new C. difficile: diagnosis, treatment and prevention”, talk for medical staff at San Juan Regional Medical Center, Farmington, New Mexico.
- 1/16/13: “Testing for C. difficile”, webinar for laboratory staff in Four Corners area, hosted by HealthInsight New Mexico, Albuquerque.
- 1/30/13: “C. difficile in long-term care”, training for nursing staff from acute and long term care facilities, Farmington, New Mexico.
- 2/7/2013: “Keeping your finger on the pulse of HAI prevention: New Mexico data”, and “Following your heart” Where are we headed in HAI prevention?”, talks at New Mexico HAI Learning and Action Network conference, Albuquerque.
JOURNAL/EDITORIAL REVIEWER
- Infection Control and Hospital Epidemiology
- American Society for Microbiology Journals
- Neurobehavioral HIV Medicine

PROFESSIONAL AFFILIATIONS
- Infectious Diseases Society of America
- Society for Healthcare Epidemiology of America
- Emerging Infections Network
- Association of Professionals in Infection Control and Epidemiology
- Infectious Diseases Society of New Mexico
- New Mexico Public Health Association
- American Society for Microbiology

Samuel Lee, MD

INVITED LECTURES: REGIONAL OR NATIONAL
- NA Jahng M, Rane HS, Bernardo SM, Lee SA. Benzamil hydrochloride has antifungal activity against Candida albicans biofilms In-vitro, 52\textsuperscript{nd} ICAAC, September 9 – 12, 2012, San Francisco, CA.

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- Medical Mycology
- FEMS Yeast
- Mycoses
- Mycopathologia
- PLoS One
- Antimicrobial Agents and Chemotherapy
- Journal of Antimicrobial Chemotherapy

EDITORIAL BOARD
- Virulence
- Journal of Mycology

GRANT REVIEWER
- Member, VA Merit Study Section – Infectious Diseases B, Fall 2012.
- Member, NIH Study Section – NIAID Special Emphasis Panel, Partnerships for Interventions to Treat Chronic, Persistent and Latent Infections J6, November 2012

COMMUNITY OUTREACH
- Albuquerque Academy career day
Julie Lovchik, Ph.D.

**JOURNAL/EDITORIAL REVIEWER**
- Vaccine – Jan. 2013

**PROFESSIONAL AFFILIATIONS**
- Membership in American Society for Microbiology

Gregory Mertz, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**
- “History and perspectives on hantavirus cardiopulmonary syndrome in the Americas” in “Symposium, Hantavirus Infection in the Americas,” XVI Pan American Congress on Infectious Diseases, Pan American Society of Infectious Diseases, Santiago, Chile, May 28-31.

**JOURNAL/EDITORIAL REVIEWER**
- The Journal of Infectious Diseases – Serorevalence of Herpes Simplex Virus Types 1 and 2 – United States.
- The Journal of Infectious Diseases – Regulatory T Cell response predicts severity of human hantavirus infection
- The Journal of Infectious Diseases – Prophylactic Oral Acyclovir and Multiple Herpes Simplex Virus Recurrences
- The Journal of Infectious Diseases – Longitudinal study on oral shedding of herpes simplex virus type 1 and varicella-zoster virus in HIV patients
- New England Journal of Medicine – Epidemiology of Herpes Zoster and Recurrent Herpes Zoster
- Annals of Internal Medicine – A Direct and Indirect Comparison Meta-analysis on the Efficacy of Cytomegalovirus Preventive Strategies in Solid Organ Transplantation
- Journal of Clinical Virology – Clinical correlates of herpes simplex virus type 1 loads in the lower respiratory tract of critically ill patients
- Sexually Transmitted Diseases – Addressing the Patient with Discordant HSV-2 Antibody Results: The Role of Confirmatory Testing by Western Blot or Biokit Rapid Assay
- Journal of Medical Virology

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**
- Member, NIAID Microbiology and Infectious Diseases Review Committee, Bethesda, February 5-6 2013

**PROFESSIONAL AFFILIATIONS**
- Fellow, American College of Physicians; Emeritus Member.
- American Sexually Transmitted Diseases Association
• American Society for Microbiology
• Fellow, The Infectious Disease Society of America; Emeritus Member
• Greater Albuquerque Medical Association; nominating committee
• International Society for Antiviral Research
• Western Society for Clinical Investigation, Emeritus Member
• Association of Subspecialty Professors
• The Infectious Disease Society of New Mexico
• Western Association of Physicians; Emeritus

Robert Munk, PhD

PROFESSIONAL AFFILIATIONS
• AIDS Treatment Activists Coalition
• American Academy of HIV Medicine
• European AIDS Treatment Group
• Infectious Disease Society of America / HIV Medical Association
• International AIDS Society
• International Association of Physicians in AIDS Care
• National Minority AIDS Council

Elaine Thomas, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• NM Dept. Of Health Statewide meeting – STD Update
• STD update - Albuquerque IHS Hospital

COMMUNITY OUTREACH
• Facilitator for HIV ECHO Telemedicine Clinic
• NM DOH liaison and statewide resource for provider education, advice, and patient care coordination for sexually transmitted diseases

PROFESSIONAL AFFILIATIONS
• Infectious Disease Society of America and its HIV Medicine Association
• Infectious Disease Society of New Mexico
• American Sexually Transmitted Diseases Association

Karla Thornton, MD, MPH

INVITED LECTURES: REGIONAL OR NATIONAL
• 5/2013. Project ECHO (Extensions for Community Healthcare Outcomes): Building Capacity to Treat Hepatitis C. Viral Hepatitis Action Coalition Meeting, CDC, Atlanta, GA.
• 1/2013. Project ECHO: Treating HCV in the Primary Care Setting. Four Corners Regional Health Center, Red Mesa, AZ.
• 10/2012. Hepatitis C: Update on Testing and Treatment. 18th Annual Four Corners TB and HIV Conference, Durango, CO. Sponsor: New Mexico Department of Health and NM AIDS Education and Training Center.


COMMUNITY OUTREACH
- 1/2013. Presentation on HCV and Project ECHO. Bosque School. Albuquerque, NM.
- Prison peer education project NMPEP: Prisoner Health is Community Health
- Facilitator for HIV ECHO Telemedicine Clinic

PROFESSIONAL AFFILIATIONS
- American Association for the Study of Liver Diseases
- National Infectious Disease Society of America (IDSA)
- Infectious Diseases Society of New Mexico

Steven Williams, MD, MPH

INVITED LECTURES: REGIONAL OR NATIONAL
- “HIV Primary Care: A Model for the Patient-Centered Medical Home” Grand Rounds, Dept. of Internal Medicine University of New Mexico

COMMUNITY OUTREACH
- Member, Medical Advisory Committee.
- Member, Steering Committee - Ryan White Medical Providers' Coalition (HIV MA)
- Member, HIV/AIDS Technical Expert Panel - National Committee on Quality Assurance (NCQA)
PROFESSIONAL AFFILIATIONS

- Ryan White Medical Providers Coalition (HIV MA)
- HIV Medicine Association (IDSA)
- American Academy of Family Practice
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<td>An In Vitro Analysis of Micafungin, Ethanol, and Doxycycline as Antifungal Lock Therapy Against Candida Albicans Biofilms.</td>
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**Nephrology**

**Annual Report: July 1, 2012 – June 30, 2013**

Mark Unruh, MD  
Professor of Medicine  
Chief, Division of Nephrology

**Significant Developments During the Academic Year 2012-2013**

**Education**
- Chadha, D. Chua, D. Mills, and A. Sandhu successfully completed their fellowship program.
- R. George, M. Iqbal, M. Malik, and A. Regmi successfully completed their first year of the fellowship program.
- P. Arora, K. Ganta, Y. Kim, and N. Luu entered the nephrology fellowship as first year fellows July 2013.
- Nephrology faculty mentor students, residents, and Ph.D. candidates.

**Research and Scholarly Activities**
- Dr. Philip Zager continues as corporate Medical Director of Quality Management, Dialysis Clinics, Inc., 2006 – present.
- Medical Directorship support, Dialysis Clinics, Inc., 1987-present.
- Karen Servilla, M.D. continues as Principal Investigator on the Nephron D VA Cooperative Studies Program, 2008-2013.
- Karen Servilla, M.D. serves as a PI on the NIH funded Systolic Blood Pressure Intervention Trial (SPRINT), 2009-2018.
- Philip Zager, M. D. continued as Principal Investigator on the Blood Pressure in Dialysis (BID) 9/1/10 – 8/31/14 – National Institutes of Health to study blood pressure in hemodialysis patients. Total award - $1.5 million.
- Bruce Horowitz, M.D. joined the Blood Pressure in Dialysis study.
- Philip Zager, M.D., continues his work as the Director of the DCI Clinical Research Unit. The focus of this clinical research unit is on outcomes research in ESRD.
- Mark Unruh, MD mentors 2 K scholars and 2 AHA fellow to faculty awardees.
- Mark Unruh, MD, ENaC as a Novel Mechanism for Hypertension and Volume Expansion in Type 2 Diabetes.

**Clinical Operations**
- The division continues to fulfill its clinical obligations at UNMHSC, SRMC and at DCI facilities throughout NM. From Raton and Taos in the Northern part of the state to Silver City in the South, over 650 End Stage Renal Disease patients throughout the State receive care through these facilities in one of the largest outreach efforts of the UNMHSC.
- We continue to perform both deceased donor and living donor renal transplants and have expanded our utilization of pulsatile perfusion for preservation of deceased donor kidneys.
• Eduardo Alas, M.D. shares responsibility for the division’s consults and clinical program for both nephrology and transplant. Dr. Alas also serves as the Medical Director for the Renal Services Line at SRMC.
• David Buchwald, M.D., shares responsibility for division’s clinical program at UNMHSC. Dr. Buchwald also shares responsibility for medical coverage for the peritoneal dialysis program at DCI-Albuquerque.
• Darlene Vigil, M.D. shares responsibility for inpatient and outpatient renal programs at VAMC.
• James Gibb, M.D. participates in the division’s clinical program at UNMHSC and has responsibility for medical coverage for the hemodialysis patients at DCI in Silver City, Carlsbad and Santo Domingo.
• Antonia M. Harford, M.D., is the Medical Director of the UNMH Renal Transplant and the Acute Dialysis Programs and DCI New Mexico. She has responsibility for medical coverage for the hemodialysis patients at DCI in Albuquerque East. During this academic year she has also assumed responsibility for Medical Directorship of UNMHSC’s Dialysis Program. In this capacity, she provides administrative oversight for DCI facilities in NM.
• Bruce Horowitz, M.D., shares responsibility for the division’s consults and clinical program at UNMHSC. Dr. Horowitz is responsible for the medical coverage for the hemodialysis patients at DCI in Acoma-Canoncito-Laguna Pueblo.
• Mark Rohrscheib, M.D., shares responsibility for the division’s consults and clinical care at UNMHSC and has responsibility for medical coverage for the hemodialysis patients at DCI centers in Taos and Raton.
• Karen Servilla, M.D., shares responsibility for the inpatient and outpatient programs at the VAMC. Dr. Servilla also serves as Program Director for the nephrology fellowship program.
• Pooja Singh, M.D., shares responsibility for the division’s consults and clinical program for both nephrology and transplant. Dr. Singh has responsibility for the medical coverage for the hemodialysis patients at DCI in Rio Rancho.
• Yijuan Sun, M.D. shares responsibility for inpatient and outpatient renal programs at VAMC. She has assumed responsibilities of medical director of the VA dialysis program. Dr. Sun shares responsibility for the hemodialysis patients at DCI Albuquerque.
• Mark L. Unruh, M.D. participates in the clinical program at UNMHSC and SRMC. He has responsibility for medical coverage for the hemodialysis patients at DCI in Grants.
• Philip Zager, M.D. continues his work as the Director of the DCI Clinical Research Unit. The focus of this clinical research unit is on outcomes research in ESRD. Dr Zager also opened new outpatient dialysis facilities in Santo Domingo Pueblo.

COMMUNITY ACTIVITIES
• DCI outreach clinic in Cuba New Mexico slated for opening in October is the result of a strong partnership between the local community leadership and UNMHSC and DCI.
• The South Valley DCI unit will be uniquely positioned amongst dialysis providers in Albuquerque to offer dialytic services within a community which carries a disproportionate share of kidney disease. This unit will begin offering services on October 1st.

ADMINISTRATION
• Mark Unruh, MD, MS from the University of Pittsburgh accepted the Division of Nephrology Chief position endowed by the Solomon Gardner Sterling Research Chair.
HONORS AND AWARDS

- CI endowed the 6 million dollar Kidney Research Institute for the study of renal disease (Kidney Institute of New Mexico).
- Drs. Kapsner and Harford received the first annual teaching awards.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION

- Require fellow’s participation in research activities that will lend to either publication or a formal presentation at a national or local meeting. Research proposals will be encouraged on problems identified in both basic and clinical investigations including molecular epidemiology, outcomes research, and clinical trials.
- Expand renal fellows’ formal education through revamping of renal didactic sessions.

RESEARCH AND SCHOLARLY ACTIVITIES

- Expand efforts to identify the genetic and environmental factors that modulate the risk for and the progression of renal disease, diabetes and cardiovascular disease in minority populations in the Southwest.
- Develop a transplant database to improve the care and the outcomes of patients with renal disease and hypertension and expand outcomes tracking in transplant patients.
- Develop a clinical trials unit to test new therapies for renal disease, hypertension, and renal transplantation.
- Expand the research funding within the division. Sources will include the NIH, various foundations, DCI’s Paul Teschan Research Fund, and industry.

CLINICAL OPERATIONS

- Expand renal replacement therapy to patients in underserved areas throughout the state of NM.
- Plans for a new outpatient dialysis facilities in Cuba, NM as well as the South Valley in Albuquerque, NM.
- Develop innovative mechanisms for providing quality renal care in an environment of decreasing resources and increasing demand.
- Increase clinical productivity by increasing clinical space. UNMH Medical Specialties clinics do not provide the division with enough clinical rooms to see all our patients in a timely manner, nor for all our fellows to run their continuity clinics. We will continue to actively explore the possibility of moving the division’s office and clinic space to a joint facility with DCI.
- Expand pre-ESRD screening and treatment.
- Initiate outpatient programs for renal biopsy and treatment of transplant rejection.

ADMINISTRATION

- Recruit a director for the Kidney Research Institute (KRI). This individual will work with the Division Chief, Dr. Mark Unruh to develop.
**APPOINTMENTS**

### FACULTY

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<tr>
<td>Heather Ward, PhD</td>
<td>Assistant Research Professor</td>
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### STAFF

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<tr>
<td>Talaya Martinez</td>
<td>HS Research Tech II</td>
<td>1/16/2013</td>
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<td>Elizabeth Racheal Allen</td>
<td>Coord, Research</td>
<td>5/13/2013</td>
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### SEPARATIONS

**FACULTY**

None

**STAFF**

None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

**Eduardo Alas, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**Darlene Gabaldon, MD**

**BOOKS, CHAPTERS AND ARTICLES**


**James Gibb, MD**

N/A

**Antonia Harford, MD**

**BOOKS, CHAPTERS AND ARTICLES**


Bruce Horowitz, MD

BOOKS, CHAPTERS AND ARTICLES

Curtis Kapsner, MD
N/A

Mark Rohrscheib, MD

BOOKS, CHAPTERS AND ARTICLES

Karen Servilla, MD

BOOKS, CHAPTERS AND ARTICLES

Pooja Singh, MD

BOOKS, CHAPTERS AND ARTICLES

Yijuan Sun, MD

BOOKS, CHAPTERS AND ARTICLES

Heather Ward, PhD
BOOKS, CHAPTERS AND ARTICLES
7. “Outcomes of Coronary Artery Bypass Graft Surgery in Patients on Chronic Hemodialysis” Poster Presentation, Feb/2012, 32nd Annual Dialysis Conference

Philip Zager, MD
BOOKS, CHAPTERS AND ARTICLES

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Eduardo Alas, MD
COMMUNITY OUTREACH
• Hispanic Philanthropic Society
• Future Fund of the Albuquerque Community Foundation
PROFESSIONAL AFFILIATIONS
• American College of Physicians
• Governing Council of the New Mexico ACP Chapter
• American Society of Nephrology

James Gibb, MD
PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• American Society of Internal Medicine

Antonia Harford, MD
PROFESSIONAL AFFILIATIONS
• International Society of Nephrology
• American Society of Nephrology
• National Kidney Foundation
• American Society of Internal Medicine
• American College of Physicians
• American Federation of Clinical Research
• American Society of Transplant Physicians

Bruce Horowitz, MD
JOURNAL/EDITORIAL REVIEWER
• Annals of Internal Medicine
• Hypertension

PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• American Society of Nephrology, Fellow
• American College of Physicians

Curtis Kapsner, MD
N/A

Mark Rohrscheib, MD
PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• International Society of Nephrology

Karen Servilla, MD
N/A

Pooja Singh, MD
INVITED LECTURES: REGIONAL OR NATIONAL
• Hepatitis C and Renal Disease. Project ECHO, April 4, 2013. University of New Mexico.

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• African Health Sciences Journal
JOURNAL/EDITORIAL REVIEWER
• Clinical Nephrology

PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• American College of Physicians

Yijuan Sun, MD
INVITED LECTURES: REGIONAL OR NATIONAL
• Nephrotic Syndrome. Thursday School. University of New Mexico

PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• Fellow of American Society of Nephrology

Mark Unruh, MD MS
INVITED LECTURES: REGIONAL OR NATIONAL
• 2012 “Sleep in Frequent Hemodialysis” Annual Dialysis Conference San Antonio Texas
• 2012 “Long-term Implications of Sleep Disorders” Annual Dialysis Conference San Antonio Texas
• 2012 Mental Decline and Quality of Life in the Older Dialysis Patient ASN San Diego California October 30, 2012
• 2012 Geriatric Considerations in Dialysis ASN San Diego California November 3, 2012
• 2013 Sleep in chronic kidney disease NKF Orlando Florida April 4 2013

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• American Journal of Transplantation
• Kidney International
• JASN
• Chest
• AJKD
• Nephrology Dialysis Transplantation
• CJASN
• Sleep Medicine
• JAGS
• Sleep
• Nature Clinical Practice Nephrology
• Nephron Clinical Practice
• American Journal of Nephrology
• CHEST
• Peritoneal Dialysis International
• Kidney & Blood Pressure Research
• International Journal of Artificial Organs
• BMC Nephrology
• JAMA
• Contemporary Clinical Trials
• Annals of Internal Medicine
• International Journal of Neuroscience
• Clinical Transplantation

**JOURNAL/EDITORIAL REVIEWER**
• Interim Associate Editor, JASN 2012

**EDITORIAL BOARD**
• Editorial Staff Advances In Chronic Kidney Disease
• Editorial Board CJASN 2011-2014
• Editorial Board Case Reports In Nephrology and Urology 2011-2013

**GRANT REVIEWER**
• VA Clinical Trials
• UPMC CTSI BaCCoR 2012
• American Cancer Society Institutional Research Grant 2012

**PROFESSIONAL AFFILIATIONS**
• American College of Physicians
• American Society of Nephrology
• American Academy of Sleep Medicine
• National Kidney Foundation

Heather Ward, PhD

**INVITED LECTURES: REGIONAL OR NATIONAL**
• Intrinsic Renal Progenitors. April 22, 2013. Northwestern Feinberg School of Medicine
• Targeting Fibrosis in PKD. March 28, 2013. University of New Mexico

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**
• Organogenesis
• Journal of Cell Science
• Cells (MDPI)
• Scientific Reports (Nature Publishing Group)

**PROFESSIONAL AFFILIATIONS**
• American Society of Nephrology
• American Heart Association
• American Society for Cell Biology
• American Society for Clinical Pathology

Zhi Xu, MD

**PROFESSIONAL AFFILIATIONS**
• American Society of Nephrology
• American College of Physicians
Philip Zager, MD

JOURNAL/EDITORIAL REVIEWER
- Journal American Society of Nephrology
- Kidney International
- American Journal of Kidney Disease
- Clinical Journal of the American Society of Nephrology
- Diabetes
- Diabetes Care
- Journal of Clinical Endocrinology and Metabolism
- Metabolism
- National Institutes of Health

PROFESSIONAL AFFILIATIONS
- American College of Physicians, Fellow
- American Federation for Clinical Research
- American Society of Hypertension
- American Society of Nephrology
- European Dialysis and Transplant Association
- International Society of Nephrology
- Renal Physicians Associates
- Western Society of Clinical Investigation
- Western Society of Clinical Nephrology
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<td>Philip</td>
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<td>NIH/National Institute of Diabetes and Digestive and Kidney Diseases</td>
<td>Blood Pressure in Dialysis Patients</td>
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**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013**

- The Division continued the development of Endobronchial Ultrasound procedure. The procedure is now available at both UNM Cancer Center and through the Pulmonary Function Laboratory at UNMH.
- Continued progress of the Sepsis Mortality Improvement Team (SMITe), with improvement of the observed sepsis mortality and mortality index in departmental patients (R. Crowell, Chair; M. Boivin, MICU Leader).
- In collaboration with the Department of Emergency Medicine, continuation of IHI program “Reducing Sepsis Mortality” to improve recognition and initiation of Early Goal directed Therapy, and facilitate rapid MICU admission in patients with severe sepsis (R. Crowell, Chair; M. Boivin, MICU Leader).
- Continued expansion of the Asthma program to Project ECHO, utilizing a novel telemedicine approach to subspecialty care of patients in rural areas of the state and setting up rural asthma education center in Lea County. (M. Harkins).
- Maintenance of Divisional billings and collections.
- In 2012-2013, the division consolidated our specialized regional center of excellence in occupational and environmental lung diseases at the University of New Mexico - the only such clinic in the state. Headed by Akshay Sood, MD, MPH, the clinic serves a catchment area that includes not only New Mexico but also Wyoming, Oklahoma, Texas, Colorado, Arizona, Oregon, Nevada and California. The clinic provides training and education in the field of occupational and environmental lung diseases to postdoctoral fellows and residents in Internal Medicine and Preventive Medicine and provides NIOSH B reader services for rating pneumoconiosis. The clinic also provides unique tertiary-level referral services in the state related to irritant vocal cord dysfunction, maximal cardiopulmonary exercise testing; beryllium lung disease and isocyanate asthma diagnoses and for non-invasive determination of gastroesophageal reflux disease.
- Continued collaboration with Central New Mexico Community College in Respiratory Therapy training program (A. Saeed, PI).
- Continued development of Research expertise in the areas of:
  - Basic science and translational research in Lung Cancer biomarkers to guide risk assessment, treatment, and prognostic evaluation
  - Asthma
  - Translational research in Critical Care ultrasound
- Continued development of Pulmonary Hypertension Program (L. Melendrez-Groves, H. Busby) Dr. Lana Melendrez-Groves completed Pulmonary Hypertension fellowship at Stanford University for FY 2012, to
start collaborative program with Cardiology in diagnosis and treatment of patients with Pulmonary Hypertension.

EDUCATION
- Betty Chang, MDCM, PhD continued as Assistant Dean of the Graduate Medical Education program.
- Betty Chang, MDCM PhD, continued as Program Director, Internal Medicine
- Michelle Harkins, M.D., continues as Director of UNMH-MICU
- Michelle Harkins, M.D., Project ECHO Pulmonary Clinic/Grand Rounds: CME presentations: Funded under Robert Wood Johnson Foundation at .25 FTE
- Dona J. Upson, M.D., Co-Chair, Workshop on The Pharmacy-Economics of Respiratory Medications, American Thoracic Society International Conference
- Continued multiple rotations of House-staff from Internal Medicine, Emergency Medicine, Obstetrics and Gynecology, Anesthesia, Family Medicine, and at UNM (MICU, Pulmonary Consults, and Sleep Center) and the VA (MICU, Pulmonary Consults)
- Graduation of Fellows: 1 from the Pulmonary/Critical Care Fellowship, 2 from the Critical Care Fellowship and 2 from the Sleep Fellowship Program
- Over 50 presentations by Divisional faculty and trainees at local, regional, and national education and CME sponsored venues

RESEARCH AND SCHOLARLY ACTIVITIES
- 11 Externally/internally funded research projects (see “Sponsored Research”)

ADMINISTRATION
- Michel Boivin, M.D. was named Assistant Program Director, Critical Care Fellowship
- Ali I. Saeed, M.D. was named as Assistant Program Director, Pulmonary and Critical Care Fellowship
- Frank Ralls, M.D. was named as Director for the Sleep Medicine Fellowship Program
- Betty Chang, M.D. was named Acting Associate Dean for Graduate Medical Education; September 2011

Critical Care Medicine
- Continued development and initiation of standardized protocols for the ICU (G. Iwamoto M.D., M. Harkins, M.D. M. Boivin, M.D.)
- Ongoing revision of the documentation practices that optimize collections using electronic and progress notes the MICU has converted to electronic provider documentation

Sleep Medicine
- Continued development of a business model for new UNMMG Sleep and Breathing Center
- Continued development of collaborative Sleep Disorder Center with the Albuquerque VA Medical Center

Veteran’s Administration Hospital (NMVAHCS)
- Continued to restructure and expand the PCCM clinical service and research programs at the VA
- Restructure the logistics and ancillary support to facilitate outpatient bronchoscopies at the VA
- Restructure outpatient Pulmonary clinics and Pulmonary administrative supporting staff for the section
- Established collaborative program with UNM Sleep Disorder Center for care of VA patients with Sleep Disorders
- Ongoing recruitment of faculty members, both physician scientists and clinician educators
SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

- Continued expansion of EBUS bronchoscopy program (R. Crowell, A. Saeed) to inpatients and OR collaboration with Dr. Jess Schwartz, Thoracic Surgery.
- Investigate expansion of bronchoscopic approaches to diagnosis and treatment of pulmonary diseases including electromagnetic guidance and bronchial thermoplasty (A. Saeed).
- Continue to nurture referrals to Adult Asthma, Exercise Testing, and Vocal cord Dysfunction programs from UNM and non-UNM patient resources (M. Harkins, A. Sood).
- Expand the referral base for and overall clinical operations for Occupational Lung Diseases (A. Sood).
- Continued development of ongoing training program in ICU-based ultrasound for faculty and fellows (M. Boivin).
- Continued collaborative development of Critical Care Education series for Fellows, Residents, and Students; in collaboration with Departments of Surgery and Neurosurgery.
- Development of a process for tracking complications of procedures commonly done in the ICU and on the Pulmonary Consult service.

EDUCATION

- Continued development of Quality and Safety curriculum for Pulmonary and Critical Care fellows.
- Continued to update resident and student rotation curriculum; including development of a standardized online, self-guided curriculum for residents and interns rotating through the MICU (E. Zamora, M.D.)
- Improve research opportunities for fellows in training.

RESEARCH AND SCHOLARLY ACTIVITIES

- Continue development of research activity in areas of focus, including lung cancer (R. Crowell, J. Mao), asthma (A. Sood, G. Iwamoto, M. Harkins), epithelial leakage during sepsis and critical illness (M. Boivin), heat shock proteins (P. Moseley), and sleep (L. Brown).
- Expand research opportunities and oversight for divisional fellow research.
- Continue to develop a Global Health Program in respiratory disease (J. Mao).

ADMINISTRATION

Critical Care Medicine

- Continued development of Critical Care Ultrasound Training Program and Ultrasound education. Dr. Boivin has been invited to teach Ultrasound at Chest 2011. Website developed for MICU with reading lists, links to protocols.
- SEAC grant for critical care web education series for interns (E. Zamora, M. Harkins)
- SEAC grant for critical care ultrasound teaching (M. Boivin)

Sleep Medicine

- Continued development of expansion plans for expanding the Sleep Disorders Center
- Continue program development with the Albuquerque VA Medical Center
- Continued recruitment of additional faculty, and expand research activity

Veteran’s Administration Hospital (NMVAHCS)

- Continue to recruit faculty members and enhance educational opportunities for trainees
- Continue to develop a sleep center at the VA, as a part of an integrated sleep program with UNM
- Establish a Global Health Program in respiratory diseases

**APPOINTMENTS**

**FACULTY**
None

**STAFF**
None

**SEPARATIONS**

**FACULTY**
None

**STAFF**
None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

Michel Boivin, MD
N/A

Lee K. Brown, MD

BOOKS, CHAPTERS AND ARTICLES

Helen Busby, MD
N/A

Betty Chang, MD
N/A

Richard Crowell, MD
N/A
Karol Dokladny, PhD

BOOKS, CHAPTERS AND ARTICLES

Rodrigo Vazquez Guillamet, MD
N/A

Michelle Harkins, MD

BOOKS, CHAPTERS AND ARTICLES

Theresa Heynekamp, MD
N/A

Oleh Hnatiuk, MD
N/A

Gary Iwamoto, MD
N/A

Jenny Mao, MD

BOOKS, CHAPTERS AND ARTICLES
Lana Melendres-Groves, MD  
N/A  
Pope Moseley, MD  
BOOKS, CHAPTERS AND ARTICLES  

Toru Nyunoya, MD  
N/A  
Frank Ralls, MD  
BOOKS, CHAPTERS AND ARTICLES  

Ali Saeed, MD  
BOOKS, CHAPTERS AND ARTICLES  

Akshay Sood, MD, MPH  
BOOKS, CHAPTERS AND ARTICLES  
OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Michel Boivin, MD
N/A

Lee Brown, MD
N/A

Helen Busby, MD
N/A

Betty Chang, MD
N/A

Richard Crowell, MD
N/A

Karol Dokladny, PhD
N/A

Michelle Harkins, MD
N/A

Theresa Heynekamp, MD
N/A

Oleh Hnatiuk, MD
N/A

Gary Iwamoto, MD
N/A

Jenny Mao, MD
N/A

Lana Melendres-Groves, MD
N/A

Pope Moseley, MD
N/A
Toru Nyunoya, MD
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Frank Ralls, MD
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Ali Saeed, MD
N/A
Mark Schuyler, MD
N/A
Akshay Sood, MD, MPH
N/A
Dona Upson, MD
N/A
Rodrigo Vazquez Guillamet, MD
N/A
Eleana Zamora, MD
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<td>Saeed</td>
<td>Ali</td>
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<td>Central New Mexico Community College</td>
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

During its first academic year, the Translational Informatics Division addressed some initial challenges, while continuing to develop a solid foundation for research informatics. The process of building clinical research informatics support for DoIM and HSC is in its early stages. We continued to support HSC Faculty with drug informatics and drug repurposing projects, health knowledge management and modeling, screening informatics and computational systems chemical biology. NIH (via the US4 Supplement, PI Larry Sklar), DTRA (PI George Tegos) and the industry (Givaudan Flavors and Evotec) were the largest extramural funding sources for this period.

Our Division is poised to play an essential role in the management of translational scientific data, information and knowledge, which are critical for DoIM, the CTSC and the UNM Cancer Center. We offer an expanded line of online services and resources for research informatics, focused on biomedical areas, with increased productivity, as evidenced by 20 publications, one awarded US Patent, and participation in extramurally funded projects with NIH, the Department of Defense, and the industrial sector.

EDUCATION

- The Division organized its first Grand Rounds for DoIM, which featured two internationally recognized speakers (Leslie Z. Benet from the UCSF and S Joshua Swamidass from Washington University). Three other DoIM speakers participated (Mark Unruh, Subramani Mani and Herbert Davis).
- We continued to offer our updated on-line course on informatics (BIOMED-505; 3 credit hours) for its 12th consecutive year.
- For the 2nd consecutive year, we organized a workshop dedicated to computational chemical biology and drug repurposing at the 6th Q-Bio (Quantitative Biology) symposium at St John’s College, Santa Fe NM.
- Two Faculty (S Mani and TI Oprea) gave lectures in the Biomedical Informatics Seminar Series (BioMISS)
- Organized a 3-day Translational Informatics Workshop (June 6-8, 2012) at the Technical University of Denmark (Lyngby, Denmark) with international participation. Speakers included Chris Austin (NIH/NCATS), Søren Brunak (DTU), Pope Moseley (DoIM).
- Gergely Zahoránszky-Kóhalmi successfully completed his 2nd year as BSGP graduate student.
- *Michael Frank Erasmus has successfully completed his 1st year as BSGP graduate student.*
- Tudor Oprea completed an AMIA 10x10 “Introduction to Biomedical Informatics” course on-line at Oregon Health Sciences University (Instructor: William Hersh; December 2012 – March 2013).

RESEARCH AND SCHOLARLY ACTIVITIES

- Dr Tudor Oprea served as Director, Screening Informatics, for the UNM Center for Molecular Discovery (PI: Larry Sklar), and coordinated the successful Year 1 BARD Supplement ($589,866) as well the Year 2 BARD renewal ($799,999) for the UNMCMDS U54 grant. He served as PI for the contract with Givaudan Flavors Corporation of Cincinnati, OH ($305,000), as PI for a CTSC pilot project on caspase inhibitors, as PI for an NIH-initiated contract with Evotec (San Francisco, CA), as PI for the no-cost extension R21 on
chemical-biological networks, and as PI (under multiple PI system) for the no-cost extension R01 for development of small molecules targeting GPR30 with Eric Prossnitz (UNM) and Jeff Arterburn (NMSU). He worked as investigator for the DTRA contract ($2,124,572) on developing agents against Francisella tularensis and Burkholderia pseudomallei (PI: George Tegos). Dr. Oprea filed two disclosures with STC.UNM, was awarded one US patent, and co-authored 15 peer-reviewed papers and 1 book chapter during this period. He delivered over 10 oral presentations at national and international meetings, and to the industrial sector. Dr. Oprea serves on the Scientific Advisory Board of IMIM, the premier biomedical research institution of Barcelona (Catalonia, Spain), and as Advisor to the Chemical Biology group at the European Bioinformatics Institute, EBI (Hinxton, Cambridgeshire, UK).

- Dr. Cristian G. Bologa served as Acting Chief, Translational Informatics Division, for nearly 60% of the period between 7/1/2012 and 6/30/2013, managing the administrative transition from the Department of Biochemistry and Molecular Biology to Department of Internal Medicine, and the relocation of most of the Division members from the Research Incubator Building to the newly renovated Innovation, Discovery and Training Complex building. He served as co-Director, Screening Informatics, for the UNMCMD and assisted with the submission of the Year 1 and Year 2 BARD Supplements for the UNMCMD U54 grant. Dr. Bologa worked as senior investigator for the Givaudan Flavors Corporation grant and as investigator for the DTRA contract (PI: George Tegos). Dr. Bologa filed one disclosure with STC.UNM, was awarded one US patent, and co-authored 4 peer-reviewed papers and 1 book chapter during this period.

- Subramani Mani, MBBS, PhD joined the Translational Informatics Division as associate professor in the fall of 2012. He is a physician and computer scientist interested in developing and applying state of the art machine learning, data mining and other advanced computational methods to build predictive, diagnostic and prognostic models for improving decision making in healthcare. During this period, he presented a paper on diabetes risk forecasting using EMR data (2012 AMIA Fall symposium) and published a paper in the Journal of the American Medical Informatics Association on breast cancer tumor response prediction for neoadjuvant therapy based on the detection of imaging biomarkers. He is a current recipient of the CTSC pilot award to investigate novel protein biomarkers for early detection of necrotizing enterocolitis in infants.

- Dr. Herbert T. Davis is a Research Professor in the Translational Informatics Division. Most of Dr. Davis’ effort during this period was devoted to promoting and facilitating the use of EMR data for research. Dr. Davis has been very involved in the validation and promotion of i2b2 (Informatics for the Integration of Biology to Bedside), an NIH sponsored de-identified research tool for database queries. Dr. Davis was a co-investigator on a COBRE grand application and co-PI on 3 NIH grant applications. STC.UNM submitted a US Patent application for which Dr. Davis was a co-inventor

COMMUNITY ACTIVITIES
N/A

ADMINISTRATION
- We will recruit a Research Coordinator, effective July 2013.

HONORS AND AWARDS
N/A
**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**

**EDUCATION**
- The Translational Informatics Division will work with stakeholders in biomedical informatics towards establishing a biomedical informatics / clinical informatics fellowship program by 2015. We will continue to offer Grand Rounds within DoIM and other courses. We will continue to offer our on-line course, Introduction to Biocomputing (Biomed-505), with an updated syllabus.

**RESEARCH AND SCHOLARLY ACTIVITIES**
- The Division plans to diversify its on-line services, from Drug Discovery and Repurposing, towards the development of clinical informatics research tools, expanding its efforts in the areas of health informatics and biomedical research.

**CLINICAL OPERATIONS**
- N/A.

**COMMUNITY ACTIVITIES**
- The Division will seek to enhance its participation in community activities.

**ADMINISTRATION**
- A new Research Coordinator with outstanding credentials will start on July 8, 2013. We anticipate that administrative activities will be optimal by December 2013.

**APPOINTMENTS**

**FACULTY**

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<td>Subramani Mani</td>
<td>Associate Professor</td>
<td>8/1/2012</td>
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**STAFF**

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<td>Daniel C. Cannon</td>
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<td>Michael Frank Erasmus</td>
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**SEPARATIONS**

N/A

**PUBLICATIONS OF THE DIVISION AND FACULTY**

Cristian Bologa, PhD

**BOOKS, CHAPTERS AND ARTICLES**


**Herbert Davis, PhD**

**BOOKS, CHAPTERS AND ARTICLES**


**Subramani Mani, PhD**

**BOOKS, CHAPTERS AND ARTICLES**


**Tudor Oprea, MD, PhD**

**BOOKS, CHAPTERS AND ARTICLES**


15. Forsman H, Bylund J, Oprea TI, Karlsson A, Boulay F, Rabiet MJ, Dahlgren C. The leukocyte chemotactic receptor FPR2, but not the closely related FPR1, is sensitive to cell-penetrating pepducins with amino acid sequences descending from the third intracellular receptor loop. Biochim Biophys Acta. 2013 Aug;1833(8):1914-23. Epub 2013 Apr 2. PMID: 23562731

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Cristian Bologa, PhD

INVITED LECTURES: REGIONAL OR NATIONAL
N/A

AD HOC REVIEWER OR EDITORIAL CONSULTANT
N/A

JOURNAL/EDITORIAL REVIEWER
N/A

EDITORIAL BOARD
N/A

GRANT REVIEWER
N/A

COMMUNITY OUTREACH
N/A

PROFESSIONAL AFFILIATIONS
N/A

Herbert Davis, PhD

INVITED LECTURES: REGIONAL OR NATIONAL
1. Translational Informatics Division Overview. UNM Cancer Center Retreat, 2012.
2. Some Useful Database Research Tools. Internal Medicine Grand Rounds, UNM School of Medicine, 2013.
3. i2b2 as a research tool. UNM CTSC Synergy Meeting, 6/10/2013

AD HOC REVIEWER OR EDITORIAL CONSULTANT
N/A

JOURNAL/EDITORIAL REVIEWER
N/A

EDITORIAL BOARD
N/A

GRANT REVIEWER
N/A

COMMUNITY OUTREACH
N/A

PROFESSIONAL AFFILIATIONS
Lifetime Member, American Statistical Association.
Subramani Mani, PhD

INVITED LECTURES: REGIONAL OR NATIONAL
1. Type 2 Diabetes Risk Forecasting from EMR Data using Machine Learning. American Medical Informatics Association fall symposium, Chicago, IL, October 2012.
2. Beyond association and correlation: Discovering causes and effects from observational data. Advanced Translational Genomics (ATG) meeting, UNM, 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT
N/A

JOURNAL/EDITORIAL REVIEWER
1. Journal of Biomedical Informatics
3. Journal of the American Medical Informatics Association

EDITORIAL BOARD
1. Member, Editorial Board of The Open Artificial Intelligence Journal
2. Member, Review Board of Applied Intelligence Journal
3. Conference Program Committee Member, Program Committee, ICML workshop on Machine Learning for Health Care Applications, 2012
4. Conference Program Committee Member, Program Committee, Uncertainty in Artificial Intelligence (UAI), 2013.

GRANT REVIEWER
N/A

COMMUNITY OUTREACH
N/A

PROFESSIONAL AFFILIATIONS
1. American Association for Artificial Intelligence (AAAI).
2. American Medical Informatics Association (AMIA).

Tudor Oprea, MD, PhD

INVITED LECTURES: INTERNATIONAL
1. Translational Informatics Workshop (organizer; presenter), Lyngby, Denmark, June 6-8, 2012.
3. 19th EuroQSAR Symposium, Vienna, 31 August – 4 September 2012 (organizing c-tee, presenter)
4. Center for Protein Research, Copenhagen Denmark, October 25, 2012.
INVITED LECTURES: NATIONAL
1. Workshop at 6th Q-Bio Conference on Cellular Information Processing, Santa Fe NM, August 6, 2012
2. Givaudan Flavors Corp., Cincinnati September 23, 2012
3. Eli Lilly et co., Indianapolis September 25, 2012
4. AAPS Annual Meeting, Chicago October 18, 2012
5. Abbott Laboratories, Abbot Park IL, October 19 2012

AD HOC REVIEWER OR EDITORIAL CONSULTANT
N/A

JOURNAL/EDITORIAL REVIEWER
2. Science Signaling
6. ChemMedChem
7. J. Comput.-Aided Mol. Design
10. AAPS J.
11. Bioinformatics

EDITORIAL BOARD
1. ChemMedChem (since 2005)
2. Molecular Informatics (since 2009)
3. Journal of Chemical Information and Modeling (6-year term expired 12/31/12)

GRANT REVIEWER
1. NIH: Director’s Awards (ad-hoc; 2 separate cycles)
2. European Research Council (ad-hoc)
3. Parkinson’s UK (ad-hoc)

COMMUNITY OUTREACH
1. Scientific Advisory Board member, Institut Hospital del Mar d’Investigacions Mèdiques (IMIM)
2. Chemical Biology advisory group, European Bioinformatics Institute, EMBL.

PROFESSIONAL AFFILIATIONS
1. The Cheminformatics and QSAR Society (since 1992); Chair, 2005-2012.
2. American Chemical Society (since 1993)
3. American Association of Pharmaceutical Scientists (since 2010)
4. American Medical Informatics Association (since 2012)
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<td>HHSN27120120000031</td>
<td>5/1/2013 - 6/15/2013</td>
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<td>212106 Choe</td>
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CENTERS AND PROJECTS
Significant Developments During the Academic Year 2012-2013

Education
- Tutor in the Phase I Immunity Block in the Medical School Curriculum.

Research and Scholarly Activities
- Continued mentoring of Akshay Sood.
- Chair of the CTSC KL2 MAC.

Clinical Operations
- Continuation of an Allergy Clinic on the West Side. During the past year, 52% of patients were non-UNM/UNMH (i.e. successful outreach to non-UNM patients).

Significant Plans and Recommendations for the Near Future
- I will continue efforts to change the Westside Allergy clinic from a Hospital to a Medical Group clinic.

Education
- I will continue to participate in Phase I Medical School tutoring, attend Morning report and other activities as requested.

Research and Scholarly Activities
- I will continue to mentor Akshay and others as requested. I will also continue as KL2 Chair that involves assisting UNM HSC junior faculty in their research careers.

Clinical Operations
- Allergy will continue its clinical services at the Westside clinic and provide Allergy services for inpatients and outpatients at UNMH.

Administration
- MAC Chair (part of UNM CTSC)
- Managed Allergy Services at UNMH.

Appointments

Faculty
None

Staff
None
SEPARATIONS

FACULTY
None

STAFF
None

PUBLICATIONS OF THE DIVISION AND FACULTY

Mark Schuyler, MD

BOOKS, CHAPTERS AND ARTICLES


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Mark Schuyler, MD
N/A
Center for Global Health

ANNUAL REPORT: JULY 1, 2012 – JUNE 30, 2013

Douglas J. Perkins, PhD
Professor of Medicine
Director, Center for Global Health

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

Since its inception on July 1, 2010, the UNM Center for Global Health (CGH) has formed an interdisciplinary group of scientists to meet the educational and research goals of UNM. This includes forming bilateral exchange with our educational and research partners around the globe.

Towards this end, critical components of this approach include training future generations of global health researchers; integration of activities between centers in the US and the developing world; and engagement of community stakeholders who are not formally part of the academic enterprise.

- We have also developed two new global health courses as part of the interdisciplinary graduate program at UNM that we teach each year.
- In addition, we formed a Global Health Certificate Program in partnership with the Biomedical Sciences Graduate Program in the Health Sciences Center.
- The courses and Certificate Program create a unified educational experience, with well-defined didactic course work, and practical experience in a global health setting for UNM and international partner trainees.
- We are currently developing a national and internationally funded research portfolio that bridges UNM activities with 13 partner medical centers in Asia, Africa, Mexico, and Central and South America.
- Another significant achievement was the development of a fourth year tropical medicine clerkship for UNM medical students at our clinical training sites around globe.
- The CGH has offered research internships for graduate and medical students, postdoctoral fellows, and faculty.
- We have also developed a Global Health Residency track for Internal Medicine Residents that have traveled to Ecuador, India, and Kenya.

EDUCATION
Douglas J. Perkins
- Mentored five junior faculty, four postdoctoral fellows, one ID fellow, four PhD students, two medical students, seven MSc students, and two undergraduates.

RESEARCH AND SCHOLARLY ACTIVITIES
- “UNM Framework Program for Global Health” NIH/Fogarty, R25TW008099, 05/06/09-06/30/12, $405,000 (DJ Perkins, PI).
- “Genetic Basis of Severe Malarial Anemia” NIH, R01 AI051305-06, 04/01/07-03/31/13, $2,303,030 (DJ Perkins, PI).
- “Training and Research on Severe Malarial Anemia, NIH, Fogarty International Center, D43 TW005884-06, 08/02/07-03/31/13, $746,015 (DJ Perkins, PI).
• “Ecology of African Highlands Malaria”, NIH, sub-award with UC-Irvine, 2 R01 AI50243, 05/01/08-02/28/12, $290,564, G Yan, PI, UC-Irvine (DJ Perkins, PI, UNM sub-award).
• “Molecular immunologic role of cytokines in the development of malarial immunity”, NIH/Fogarty, R01 TW007631-02 A1 08/01/07-07/31/11, $200,000 JM Ong’echa PI, (DJ Perkins, Co-I/mentor).
• “Impact of Surface Receptors and FC Gamma Receptors in Severe Malarial Anemia”, NIH/GRIP, 1 R01 TW008306-01, 09/20/2009-09/20/2012, $200,000 C Ouma PI (DJ Perkins, Co-I/mentor).
• “University of New Mexico Preventive Medicine Residency Program”, HRSA, 07/01/10-06/30/14, $343,643 D Kesler (DJ Perkins, Co-Investigator).
• “Randomized clinical trial of childhood antimalarials”, WHO, 09/01/09-10/31/12, $80,000 B Ogutu, PI (DJ Perkins, Co-Investigator).
• Department of Defense Strategic Engagement Partner.

COMMUNITY ACTIVITIES
Douglas J. Perkins
• Founder and Director, Siaya District Community Sickle Cell Anemia Foundation.
• Board Member, Ogra Foundation, Kisumu, Kenya
• Director, University of New Mexico International Malaria Training and Research Program (IMRTP)
• Member, University of New Mexico Clinical and Translational Science Center (CTSC), Participant and Clinical Interactions Resources (PCIR) Committee

ADMINISTRATION
Douglas J. Perkins
• Established and Directed the Center for Global Health (1 July 2010)
• Co-Director, Center for Infectious Diseases and Inflammation, Health Sciences Center
• Travelled to Kenya to Direct NIH activities
• Director of University of New Mexico International Malaria Training and Research Program (UNMIMTRP)
• Member of University of New Mexico, Department of Internal Medicine, Promotion and Tenure Committee
• Member, Executive Committee, Division of Infectious Diseases
• Member, Executive Committee, Department of Internal Medicine

Ravi Durvasula, Associate Director
• Established and Co-Directed the Center for Global Health (1 July 2010)
• Member, Executive Committee, Department of Internal Medicine
• Member, Academic Affiliation Partnership Council
• Development of a new clinical residency program within the Center for Global Health
• Recruitment of new faculty to the Center

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
• A leading goal for the CGH is to offer students and faculty at UNM high quality educational programs. This will include an integrated approach to education that supports a multicultural and multidisciplinary environment. Through our educational programs, we strive to promote excellence in research, education, and expand our activities to include clinical training and services in global health. This will allow us to train
future generations of global health researchers and practitioners. In addition, through events such as our Global Health Symposium, we will engage community stakeholders who may not formally be a part of the academic enterprise. The Center’s goal is to continue to provide educational opportunities in tropical medicine for graduate and medical students, residents, and post-doctoral fellows.

- Continue development of the Global Health Certificate Program

RESEARCH AND SCHOLARLY ACTIVITIES
- The CGH was formed to support and enhance global and regional research and educational activities at UNM with a specific focus on a number of priority areas, including parasitic diseases, vector-borne diseases, HIV/AIDS, viral diseases, emerging infectious diseases, health systems research, and environmental health.
- The Center aims to further foster collaborative relationships between UNM and our international partners for research, education, and service activities.

CLINICAL OPERATIONS
- The CGH plans to take an active role in revitalizing and forming a top-tier Travel Medicine Clinic at UNM to serve the university and greater Southwest community.
- We aim to expand the Global Health Residency track to enhance the clinical operations that the CGH has with our partners in India and Kenya.

ADMINISTRATION
- To enhance and expand new faculty members and trainees in the CGH. With this anticipated growth, we look forward to continuous improvement, efficiency, and organizational management of the Center. Procedures, policies, and responsibilities related to the Center’s development, including personnel, research, logistical issues, and finances will be expedited for more efficient operational management.
- Streamline administrative activities for the CGH and increase the membership base.
- Hire two new NIH-funded faculty members into the Center in conjunction with the Division of Infectious Diseases, and additional DoIM divisions.

APPOINTMENTS

FACULTY
None

STAFF
None

SEPARATIONS

FACULTY
None

STAFF
None
Gregory Davenport, MD

BOOKS, CHAPTERS AND ARTICLES

Ravi Durvasula, MD

BOOKS, CHAPTERS AND ARTICLES

Ivy Foo-Hurwitz, PhD

BOOKS, CHAPTERS AND ARTICLES

Prakasha Kempaiah, PhD

BOOKS, CHAPTERS AND ARTICLES


Julie Lovchik, PhD
BOOKS, CHAPTERS AND ARTICLES

Douglas Perkins, PhD
BOOKS, CHAPTERS AND ARTICLES


Ariel Rivas, PhD
N/A

Terry Wu, PhD
N/A

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Gregory Davenport, MD
N/A

Ravi Durvasula, MD
N/A

Ivy Foo-Hurwitz, PhD
N/A

Prakasha Kempaiah, PhD
N/A
Julie Lovchik, PhD
N/A

Douglas Perkins, PhD
N/A

Ariel Rivas, PhD
N/A

Terry Wu, PhD
N/A
**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013**

The Center for Occupational and Environmental Health Promotion (COEHP) continues to provide services in three vital areas to UNM and to community partners. The three service areas are outlined as follows:

- **Clinical Services:** The Employee Occupational Health Services (EOHS) clinic provides occupational and environmental health clinical services, with Dr. Heidi Roeber Rice as the Medical Director.
- **Database and Compliance Services:** Databases required for departmental or regulatory purposes are developed and maintained, with Joseph Shealy serving as the manager.
- **Consultative Services:** Services are provided to a variety of departments in such areas as development of policies and procedures involving occupational and environmental health. Patricia Shuman is the manager of the Consultative Services.
- The research and education programs in occupational and environmental medicine are components of COEHP under the Program in Occupational and Environmental Health (POEH).

**EDUCATION**

- The UNM Public Health and General Preventive Medicine Residency program was successfully accredited by the ACGME Preventive Medicine Residency Review Committee. The first residents began on 07/01/11.
- Dr. Kesler is the Program Director and Dr. Heidi Roeber Rice is the Associate Program Director for the preventive medicine residency program.

**RESEARCH AND SCHOLARLY ACTIVITIES**

- Dr. Kesler and Dr. Roeber Rice are involved in research and scholarly activities which are reported under the Division of Epidemiology and Preventive Medicine report.

**CLINICAL OPERATIONS**

- The EOHS clinic successfully fulfills the mission of serving the employee population of UNM and its partners in the community.

**ADMINISTRATION**

- Dr. Kesler continues as the UNM Chief Risk Officer and chair of the Enterprise Risk Management (ERM) Council.

**SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE**

**EDUCATION**

- Curriculum development for the new residency program will continue over the next year now that the full resident complement is in place.

**RESEARCH AND SCHOLARLY ACTIVITIES**

- Dr. Kesler and Dr. Roeber Rice are involved in research and scholarly activities which are reported under the Division of Epidemiology and Preventive Medicine report.
CLINICAL OPERATIONS
- EOHS will continue to expand the clinical services provided to ensure compliance with regulatory and University requirements.

ADMINISTRATION
- Consultative Services: COEHP will continue to expand the services provided to UNM as well as to community partners, especially in the area of addressing the occupational and environmental medicine needs of researchers.

APPOINTMENTS

FACULTY
None

STAFF
None

SEPARATIONS

FACULTY
None

STAFF
None
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2012-2013

Project ECHO (Extension for Community Healthcare Outcomes) is a model for service delivery, education and evaluation. Primary care clinicians from rural and underserved areas and prisons are trained and mentored by ECHO’s multi-disciplinary team of medical specialists to deliver best-practice management of complex health conditions in their communities or correctional institutions using video-conferencing technology and case-based learning. A key component of the ECHO model is an innovation known as Knowledge Networks, in which the expertise of a single specialist is shared with numerous primary clinicians through teleECHO clinics, thereby increasing access to care in rural areas without having to recruit, retain or fund additional clinicians.

The mission of Project ECHO™ is to develop the capacity to safely and effectively treat chronic, common and complex diseases in rural and underserved areas and to monitor outcomes. We have been focusing on the following strategic priorities for this period:

- Continue to develop and expand access to subspecialty care for chronic, common and complex diseases throughout New Mexico by developing new clinical areas.
- Continue to develop and expand access to subspecialty care for chronic, common and complex diseases throughout New Mexico by carrying out grand rounds, outreach and training opportunities that allow new healthcare providers to learn about Project ECHO™ and become Project ECHO™ partners.
- Develop and implement a process to train interested stakeholders around the U.S. and world about Project ECHO™ in order to replicate the ECHO model in other health delivery systems.
- Develop and test financial models that promote long-term sustainability of Project ECHO™.
- Continue to collaborate with the Veterans Health Administration and the Department of Defense to integrate the ECHO model into these national healthcare delivery systems.
- Continue to improve sustainability through Project ECHO™’s pilot project with Molina Healthcare to provide reimbursement to primary care providers for presenting cases to teleECHO clinics.
- Continue to improve sustainability through Project ECHO™’s agreement with Medicaid to match funds from the State of New Mexico Human Services Division.
- Continue Project ECHO™’s two-year intragovernmental personnel agreement (IPA) either VA to fund the replication of the ECHO model in seven of the 22 Veterans Integrated Service Networks (VISNs).
- Continue Project ECHO™’s collaboration with the UNMHSC Office of Continuing Medical Education to develop and implement a collaborative agreement to establish a national training program to teach the use of Direct Acting Antivirals (telaprevir and boceprevir).
- Develop partnerships with health care clinicians in New Mexico.

INTERNAL MEDICINE FACULTY IN PROJECT ECHO LEADERSHIP
Sanjeev Arora, MD
- Director of Project ECHO™
• Professor, Division of Gastroenterology

**Karla Thornton, MD, MPH**
• Associate Medical Director of Project ECHO™
• Associate Professor, Division of Infectious Diseases

**Fredrick Hashimoto, MD**
• Director of Informatics of Project ECHO™
• Professor Emeritus, Division of General Medicine

**Glen Murata M.D.**
• Associate Director for Research of Project ECHO™
• Professor, Division of General Medicine

**INTERNAL MEDICINE FACULTY MEMBERS AFFILIATED WITH PROJECT ECHO™ TELEECHO CLINICS**
• Arthur Bankhurst, M.D., Division of Rheumatology
• Kathleen Colleran, M.D., Division of Endocrinology
• George Comerci, M.D., Division of General Medicine
• Bart Cox, M.D., Division of Cardiology
• Michelle Harkins, M.D., Division of Pulmonary, Critical Care and Sleep Medicine
• Carla Herman, M.D., Division of Geriatrics and Palliative Medicine
• Michelle Iandiorio, M.D., Division of Infectious Diseases
• Jeremiah Kelly, M.D., Division of Geriatrics and Palliative Medicine
• Janice Knoefel, M.D., Division of Geriatrics and Palliative Medicine
• Lisa Marr, M.D., Division of Geriatrics and Palliative Medicine
• Devon Neale, M.D., Division of Geriatrics and Palliative Medicine
• John Rush Pierce, M.D., Division of Hospital Medicine
• Karla Thornton, M.D., Division of Infectious Diseases
• Elaine Thomas, M.D., Division of Infectious Diseases

**EDUCATION**

**Continuing Education Credits**
• 7,563.5 AMA PRA Category 1 Credits - Continuing Medical Education
• 1,365 AMA PRA Category 1 Credits - Continuing Education
• 957.5 New Mexico Counseling and Therapy Practice Board - Continuing Education Units

**ECHO Orientation Site Visits**
• Project ECHO™ has held twelve site visits for orienting stakeholders from organizations interested in replicating the ECHO Model.
• Guests have from all over the nation as well as South America have traveled to Albuquerque to participate.
• These visits have an average participation of 30 guests per, totally over 350 visitors.

**RESEARCH AND SCHOLARLY ACTIVITIES**
• Project ECHO™ provided a book chapter outlining the ECHO model’s knowledge networks as an effective way to treat complex diseases in rural communities for volume 7 of the anthology *Innovation and Change in Professional Education.*
• An overview of Project ECHO™’s Diabetes and Cardiovascular Care TeleECHO Clinic was published in the Diabetes Educator journal

An overview of Project ECHO™’s Asthma TeleECHO Clinic was published in US Respiratory Diseases

**CLINICAL OPERATIONS**

**Overall ECHO Clinic Statistics**

- 890 total hours ECHO clinics
- 853 new patient consultations
- 704 follow-up patient consultations
- 1691 the number of physicians, nurses and other healthcare workers registered as partners in project
- An increased from 1069 in FY 2011 to 1691 in FY 2012

**Project ECHO TeleECHO Clinics (07/01/2011 to 06/30/2012)**

- Chronic Pain and Headache, 47 clinics, 1021 attendances
- Community Addictions Recovery Specialist, 19 clinics, 329 attendances
- Complex Care Clinic, 13 clinics, 136 attendances
- Dementia Care Clinic, 21 clinics, 262 attendances
- Diabetes and Cardiovascular Care (or Risk Reduction), 44 clinics, 678 attendances
- Diabetes CHW Training Clinic, 27 clinics, 132 attendances
- Heart Failure, 20 clinics, 132 attendances
- Hepatitis C - Community, 52 clinics, 1010 attendances
- Hepatitis C - Corrections, 31 clinics, 501 attendances
- High Risk Pregnancy, 27 clinics, 446 attendances
- HIV/AIDS, 50 clinics, 1399 attendances
- Integrated Addiction / Psychiatry, 49 clinics, 809 attendances
- New Mexico Peer Education Program, 8 clinics, 321 attendances
- Palliative Care, 22 clinics, 302 attendances
- Pulmonary / Asthma, 24 clinics, 212 attendances
- Rheumatology, 46 clinics, 336 attendances

**COMMUNITY ACTIVITIES**

- Project ECHO™ and Arthur Bankhurst, MD, Professor of Medicine and Chief of Rheumatology in the Department of Internal Medicine, were featured in the July 2011 issue of *The Rheumatologist* (ACR/ARHP), "Innovation Brings Specialist Services to the Underserved: Project ECHO trains general practitioners and midlevel providers in the basic arts of rheumatology".
- Project ECHO™ highlighted on Discovery Channel “Health IT: Advancing Care, Empowering Patients” made its debut on the Discovery Channel on Saturday, November 19, 2011 at 6 a.m. (MST). The series showcased Project ECHO as a leading-edge project. Olivier Uyttebrouck, published an article on Project ECHO™ titled “Tele-Treatments” in the *Albuquerque Journal* (Dec. 30, 2011).
- Dr Arora discussed Project ECHO™ on KOB-TV’s “Eye on Mew Mexico” on January 22, 2012.
- *Internal Medicine News* published an article on Project ECHO™ titled “Project Walks Primary Care Providers Through Toughest Cases” (April 15, 2012).
ADMINISTRATION

- During FY 2012 ECHO worked with the Robert Wood Johnson Foundation and business planner Roger King to develop ideas for new and consistent funding streams to create a sustainable business plan for the ECHO model.

HONORS AND AWARDS

- Project ECHO™ has been awarded nearly $8.5 million over three years from the U.S. Department of Health and Human Services (HHS) Health Care Innovation awards. UNM will identify 5,000 high-cost, high-utilization, high-severity patients in New Mexico and Washington State, and use a team of primary care “intensivists” trained to care for complex patients with multiple chronic diseases, working with area managed care organizations and care providers. Project ECHO will train as many as 300 workers to help increase primary care physicians’ capacity to treat and manage complex patients. This new project will launch and funds will be released in FY 2013.
- A paper describing Project ECHO™’s groundbreaking work to improve access to care for patients with hepatitis C has been named among the Most Influential Research Articles of 2011 by the Robert Wood Johnson Foundation. "Outcomes of Treatment for Hepatitis C Virus Infection by Primary Care Providers" by Project ECHO™ founder Sanjeev Arora, MD, and other Project ECHO™ researchers was published in June 2011 in The New England Journal of Medicine. The paper was one of 20 articles selected by RWJF from research conducted by the foundation’s grantees; the paper was voted one of the Final 5 by visitors to the Foundation’s website.
- The UNM ECHO team, in collaboration with MEDCOM staff, will develop and implement Army Medicine ECHO within the guidelines of the Office of the Surgeon General's Comprehensive Pain Management Campaign Plan (CPMCP). The Army Medicine ECHO initiative will provide Army Medicine with a model to address a myriad of diseases/conditions where synchronization of practice and optimization of specialty care/primary care resources are critical. The goal of CPMCP is to develop a standardized approach to Pain Management that optimizes the care for United States Army warriors and their families stationed worldwide.
- Entered into an agreement with Molina to develop and launch a Complex Care TeleECHO Clinic.
- Was given funds from Vision Quest for retinal imaging given by Community Health workers as part of the Diabetes and Cardiovascular Care TeleECHO Clinic.
- Entered into an agreement with the New Mexico Human Services Department to create a Medicaid match for Project ECHO™.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION

- Continue providing Continuing Medical Education credits at no charge to participating TeleECHO clinicians
- Continue to develop the monthly orientation visits.

RESEARCH AND SCHOLARLY ACTIVITIES

- Develop an operational plan and create an effective team to lead and implement the CMMI grant. This will include building relations with medical care organizations and Medicaid in both New Mexico and Washington. This will also include identifying patients for the new program and creating a strong evaluation team to measure for cost effectiveness.
- Continue to publish academic journal articles on the positive outcomes and effectiveness of the ECHO model and TeleECHO clinics.
CLINICAL OPERATIONS
- Continue to develop Project ECHO™’s TeleECHO clinic curriculum.
- Continue to develop Project ECHO™’s TeleECHO clinics and expand partnerships with clinicians throughout New Mexico and the United States.

COMMUNITY ACTIVITIES
- Continue to spread awareness of the ECHO model through various public forums such as invited lectures, interviews and a new quarterly newsletter.

ADMINISTRATION
- Continue to develop the ECHO model within the Veterans Administration SCAN ECHO Project.
- Continue to develop the ECHO model within the Department of Defense, both nationally and internally.
- Continue working with the New Mexico Human Services Department to further develop the Medicaid match for Project ECHO™
- Establish funding streams beyond FY2014.

HONORS AND AWARDS
- Continue to apply for funding through various grant awards and contracts

APPOINTMENTS AND SEPARATIONS
N/A

PUBLICATIONS OF THE DIVISION AND FACULTY

Karla Thornton, MD

BOOKS, CHAPTERS AND ARTICLES


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Karla Thornton, MD
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<td>Dona Upson, M.D.</td>
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<td>Wyatt Voyles, M.D.</td>
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<tr>
<td>Michael West, M.D.</td>
<td>Eleana Zamora, M.D.</td>
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# Internal Medicine Fellows 2012-2013

## Cardiology

<table>
<thead>
<tr>
<th>Munif Alkouz, MD</th>
<th>Leonardo Macias, MD</th>
<th>Christopher Rowan, MD</th>
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<tr>
<td>Ihab Alomari, MD</td>
<td>Carlos Macias-Argote, MD</td>
<td>Alex Schevchuck, M.D.</td>
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<td>Jon Blaschke, MD</td>
<td>Joshua Mozes, MD</td>
<td>Bryan Schwartz, MD</td>
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<tr>
<td>Nathan Boyer, MD</td>
<td>Selby Oberton, M.D.</td>
<td>Saadi Siddiqi, MD</td>
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<tr>
<td>Vishal Goyal, MD</td>
<td>Sonia Ponce, MD</td>
<td>Nathan Spence, MD</td>
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<tr>
<td>Yasmin Hamirani, MD</td>
<td>Allon Rafael, M.D.</td>
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## Endocrinology

<table>
<thead>
<tr>
<th>Justin Jaghab, MD</th>
<th>Hung Nguyen, MD</th>
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<tbody>
<tr>
<td>Kasra Navabi, MD</td>
<td>Rina Patel-Trujillo, DO</td>
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## Gastroenterology

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<td>Laurel Hartwell, MD</td>
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<td>Raj Chudasama, MD</td>
<td>George Holman, MD</td>
<td>Allison Venner, MD</td>
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<td>Rodney Engel, MD</td>
<td>Fahad Khan, MD</td>
<td>Moustafa Youssef, MD</td>
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<td>Bhargava Gannavarapu, MD</td>
<td>Leslie Price, MD</td>
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<td>Sarita Gayle, MD</td>
<td>Yen Quang, MD</td>
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## Geriatrics

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<td>Rina Missirian, MD</td>
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## Hematology/Oncology

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<td>M. Raza Naqvi, MD</td>
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<td>Waheed Murad, MD</td>
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## Infectious Diseases

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<td>Kari Yacisin, MD</td>
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<td>Anuj Malik, MD</td>
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## PALLIATIVE CARE

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## PULMONARY/CRITICAL CARE/SLEEP MEDICINE

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## RHEUMATOLOGY

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<th>Tony Makhlouf, MD</th>
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## Internal Medicine Housestaff 2012-2013

### Internal Medicine Chief Residents

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<tr>
<td>Patrick Rendon, MD</td>
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<tr>
<td>Marc Montanaro, MD</td>
<td>VA Hospital</td>
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<tr>
<td>Karen Cardon, MD</td>
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<tr>
<td>Mark Garcia, MD</td>
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### Housestaff – Program Year 1

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<tr>
<td>Omar Abu Nabaa, MD</td>
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<tr>
<td>Alberto Aguayo Rico, MD</td>
<td>Escuela de Medicina Ignacio A. Santos, Mexico</td>
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<tr>
<td>Shira Amdur, MD</td>
<td>University of Texas School of Medicine at San Antonio</td>
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<tr>
<td>Tamara Berry, MD</td>
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<tr>
<td>Mordechai Bronner, MD</td>
<td>Mount Sinai School of Medicine of New York University</td>
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<tr>
<td>Andrew Bruner, MD</td>
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<td>Christina Haaland, MD</td>
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<tr>
<td>Christopher Bunn, DO</td>
<td>Edward Via Virginia College of Osteopathic Medicine</td>
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<td>Nicholas Cutrufo, MD</td>
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<tr>
<td>Leona Ebara, MD</td>
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<td>Lisa Ereifej, MD</td>
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<td>Diaa Osman, DO</td>
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<tr>
<td>Jeramiah Bustos, MD</td>
<td>Jeramiah Bustos went to medical school at the University of New Mexico School of Medicine</td>
</tr>
<tr>
<td>Lindsey Riggin, MD</td>
<td>Graduate of Tulane University School of Medicine</td>
</tr>
<tr>
<td>Rory Carrera, MD</td>
<td>Rory Carrera went to medical school at the University of Utah</td>
</tr>
<tr>
<td>Luis Salayandia, MD</td>
<td>Graduate of University of New Mexico School of Medicine</td>
</tr>
<tr>
<td>Leslie Colip, MD</td>
<td>Graduate of Temple University School of Medicine</td>
</tr>
<tr>
<td>Michael Stucky, MD</td>
<td>Graduate of University of Colorado Denver School of Medicine</td>
</tr>
<tr>
<td>Jerome Cordova, MD</td>
<td>Jerome Cordova went to medical school at the University of New Mexico</td>
</tr>
<tr>
<td>Liviya Thoreson, DO</td>
<td>Graduate of Western University of Health Sciences College of Osteopathic Medicine of the Pacific.</td>
</tr>
<tr>
<td>Erin Fitzgerald, DO</td>
<td>Erin Fitzgerald went to medical school at the University of New England College of Osteopathic Medicine.</td>
</tr>
<tr>
<td>Stewart Walther, MD</td>
<td>Stewart Walther went to medical school at Texas Tech University Health Science Center.</td>
</tr>
<tr>
<td>Name</td>
<td>Medical School/University</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------------------------------------------------</td>
</tr>
<tr>
<td>Orwah M. Al-Khalili, MD</td>
<td>Orwah Al-Khalili went to medical school at the University of Jordan.</td>
</tr>
<tr>
<td>Basmah Jalil, MD</td>
<td>Basmah A. Jalil went to medical school at Aga Khan University Pakistan.</td>
</tr>
<tr>
<td>Prajit Arora, MD</td>
<td>Prajit Arora went to medical school at Government Medical College and Hospital, Chandigarh, India.</td>
</tr>
<tr>
<td>Shawn C. Kelly, MD</td>
<td>Graduate of the University of Newcastle</td>
</tr>
<tr>
<td>Nour Ass’ad, MD</td>
<td>Nour Assad went to medical school at the University of Jordan.</td>
</tr>
<tr>
<td>Khaldoon Khirfan, MD</td>
<td>Khaldoon Tareq Husni Khirfan went to medical school at Jordan University of Science and Technology.</td>
</tr>
<tr>
<td>Anita Batra, MD</td>
<td>Anita Batra went to medical school at the University of Nevada School of Medicine.</td>
</tr>
<tr>
<td>Timothy S. Moore, MD</td>
<td>Tim Moore went to medical school at the University of Colorado.</td>
</tr>
<tr>
<td>Jessica Belmonte, MD</td>
<td>Graduate of the University of Illinois College of Medicine.</td>
</tr>
<tr>
<td>Charles Pizanis, MD</td>
<td>Ohio State University College of Medicine</td>
</tr>
<tr>
<td>Elizabeth (Sage) Colombo, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Carolina Ponce Orellana, MD</td>
<td>Graduate of the Universidad Católica de Santiago, Ecuador.</td>
</tr>
<tr>
<td>Joshua J. Crose, DO</td>
<td>Graduate of the Touro University College of Osteopathic Medicine.</td>
</tr>
<tr>
<td>Aaron Price, MD</td>
<td>Graduate of the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Jonathan J. Danaraj, DO</td>
<td>Jonathan Danaraj went to medical school at Western University of Health Sciences.</td>
</tr>
<tr>
<td>Natalie (Mariam) Salas, MD</td>
<td>Mariam Salas went to medical school at Dubai Medical College for Girls.</td>
</tr>
<tr>
<td>Nathaniel R. DeFelice, MD</td>
<td>Graduate of Ben-Gurion University of the Negev.</td>
</tr>
<tr>
<td>Kristen D. Simmons, MD</td>
<td>Krissy Simmons went to medical school at Drexel University College of Medicine (formerly MCP Hahnemann).</td>
</tr>
<tr>
<td>Angela Dunn, DO</td>
<td>Graduate of the Texas College of Osteopathic Medicine, University of North Texas Health Science Center</td>
</tr>
<tr>
<td>Terry Pham Taylor, MD</td>
<td>Terry Taylor went to medical school at the University of Texas Medical Branch in Galveston Texas.</td>
</tr>
<tr>
<td>Ala’ Ebaid, MD</td>
<td>Ala’ Ebaid went to medical school at the University of Jordan.</td>
</tr>
<tr>
<td>Richard A. Vestal, MD</td>
<td>Richard A. Vestal went to medical school at the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Jeffery D. Edwards, MD</td>
<td>Graduate of the University of Texas Medical School at Houston.</td>
</tr>
</tbody>
</table>

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