2011-2012

ANNUAL REPORT

Department of Internal Medicine

University of New Mexico School of Medicine

Pope L. Moseley, M.D.
Regents’ Professor and Chair
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KEY DEPARTMENTAL ACCOMPLISHMENTS

ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012

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

KEY DEPARTMENTAL ACCOMPLISHMENTS

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. Work RVUs increased 4.2% over the prior year which is a reflection of the increased Clinical FTE. Collections per work RVU increased over 8% from FY10 and 2% from FY11. Clinical Contracts through the UNMMG increased 32% over FY11.

Our research and contract total awards have consistently topped $30 million for the last 6 years (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 over 5%. Faculty salaries on extramural sources increased 14% in FY12 over.

The Department continues to carefully manage its resources. In FY12 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.

Project ECHO receives $8.5 million HHS Health Care Innovation Award

The Department of Internal Medicine’s Project ECHO will receive nearly $8.5 million over three years from the U.S. Department of Health and Human Services Health Care Innovation Awards. Project ECHO is a transformative model of medical education and health care delivery that brings high-quality care to very sick patients wherever they live. It was created by social innovator Sanjeev Arora, M.D.

ARORA

The award, one of 26 nationwide, is administered through HHS’s Center for Medicare and Medicaid Innovation, and estimated to save more than $11 million in health care costs over the same time period. The department says the 26 awardees were selected for offering innovative solutions to health care challenges facing their communities and a focus on creating a well-trained health care workforce. Under the grant, 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.
UNM Cardiology Clinic
The UNM Cardiology Clinic located at 4808 McMahon Blvd., NW, opened Monday, July 18, 2011. Patients have access to a full range of outpatient cardiovascular diagnostic services provided by a team of board certified cardiologists, specialized technicians, and office staff using the most advanced equipment and technologies. Cardiologist Robert DuBroff, M.D., serves as lead physician and is joined by UNM faculty Cardiologist Abinash Achrekar. The UNM Cardiology Clinic is part of the award-winning UNM Cardiology team that has earned several honors and designations, including best in state and highest ranked academic hospital in the nation for heart attack treatment response time by the U.S. Department of Health and Human Services and University HealthSystem Consortium.

Arthritis outreach
The Arthritis Foundation, Greater Southwest Chapter, announced collaboration with the Division of Rheumatology, Department of Internal Medicine to support their outreach efforts with the goal of expanding and developing care for those with arthritis, especially in rural communities. “This is an important grant. These funds will enable us to open an evening clinic and improve access for the thousands of New Mexicans who suffer from these conditions,” said UNM Rheumatology Division Chief Dr. Arthur Bankhurst, M.D., who directed the project.

Research and Scholarship
Excellence in Research Award
HSC Office of Research and the Excellence in Research Award Committee announced the award recipient of the Third Annual Research Day Ceremony. Colleagues were nominated by their peers then selected by a faculty committee for outstanding contributions in research. David Schade, M.D., Vice Chair for Research in the Department of Internal Medicine and Chief of the Division of Endocrinology & Metabolism was recognized for Clinical Science in the Department of Internal Medicine.

Celebrex and Lung Cancer
A new study by Jenny Mao, Section Chief in the Division of Pulmonary, Critical Care and Sleep Medicine in the Department of Internal Medicine, and colleagues at UCLA suggests that Celebrex, a common anti-inflammatory drug used to treat arthritis and other diseases, may prevent lung cancer in former smokers. Published in the July issue of the scientific journal Cancer Prevention Research, the study found that Celebrex – or Celecoxib, as it is known generically – decreased cell proliferation in the air passages of former heavy smokers. Such cell proliferation may contribute to the development of lung cancer. Study participants who received Celebrex for six months showed a 34 percent average decrease in a biomarker for cell proliferation, as well as other bronchial benefits. While still preliminary, the results warrant further investigation in a larger clinical trial. “These findings are very exciting,” said Mao, chief and professor of medicine at the New Mexico VA Health Care System and member of the UNM Cancer Center. “There are 45 million former smokers in the US. These individuals have already significantly lowered their lung cancer risk by following medical advice and quitting, but they still have an elevated level of risk. Researchers have been working hard to find ways
to reduce lung cancer risk in this group. Our latest study provides further evidence to support the continued evaluation of Celebrex for lung cancer chemoprevention in these high-risk individuals.”

INTERNAL MEDICINE FACULTY RECOGNITION

Best Doctors in America selection
Best Doctors in America 2011-12 announced its Best Doctors selection for New Mexico. An exhaustive peer review determines the physicians. Only those who earn the consensus support of their peers as well as meet additional qualification criteria are included. Congratulations to the following doctors in the Department of Internal Medicine:

- William Abeyta, M.D., General Internal Medicine
- Arthur Bankhurst, M.D., Rheumatology
- Amanda A. Beck, M.D., Sleep Medicine
- Jessica B. Bigney, M.D., General Internal Medicine
- Lee K. Brown, M.D., Sleep Medicine
- Mark R Burge, M.D., Endocrinology and Metabolism
- George D. Comerci, Jr., M.D., General Internal Medicine
- Frederick Hashimoto, M.D., General Internal Medicine
- Carla J. Herman, M.D., Geriatrics
- Robert A. Hromas, M.D., Medical Oncology and Hematology
- Fa-Chyi Lee, M.D., Medical Oncology and Hematology
- Edward N. Libby, III, M.D., Medical Oncology and Hematology
- Melvina L. McCabe, M.D., Geriatrics
- Ann Morrison, M.D., General Internal Medicine
- Yehuda Z. Patt, Medical Oncology and Hematology
- David S. Schade, M.D., Endocrinology and Metabolism
- Wilmer L. Sibbitt, M.D., Rheumatology
- Carolyn M. Voss, General Internal Medicine

Medical Education Scholars (MES) Program

The Office of Undergraduate Medical Education named several Internal Medicine faculty members for the 2011-2012 Medical Education Scholars (MES) Program, which was initiated in 1998 as a means of ensuring a continuum of educational leadership at the UNM SOM:

- Esme Finlay, M.D.
- Erik Paul Kraai, M.D.
- Eleana Zamora, M.D.

Denece Kesler, M.D., MPH: Chair-elect for ABPM

Denece Kesler, M.D., MPH, Professor in the Department of Internal Medicine, and Director of UNM’s Center for Occupational and Environmental Health Promotion and it’s Preventive Medicine Training Program was voted Chair-elect for the American Board of Preventive Medicine (ABPM), where she will serve for one year followed by a four-year term as ABPM’s Chairperson. Dr. Kesler has been on the ABPM Board for 4 years, and currently is servicing as Chair of the Certification Committee.
Diane Klepper, M.D.: Educator Advocate Leader
The Diane Klepper, M.D., Endowed Professorship Fund has been established by the UNM Foundation, established through a flexible deferred charitable gift annuity from Janet Kiehle Allen, M.D. For 31 years, Dr. Klepper served the UNM School of Medicine as the Assistant and Associate Dean for Admissions and Student Affairs. She retired from that position in 1999, but has stayed involved with the School of Medicine as a working retiree, continuing her clinical involvement in the Department of Internal Medicine as a Pulmonary Medicine Specialist and a teacher in the Undergraduate Medical Education Program.

Beverly Kloeppel, M.D., MBA: ACHA Board of Directors
Beverly Kloeppel, M.D., MBA, Department of Internal Medicine, Director, Student Health and Counseling, was elected to the American College Health Association (ACHA) Board of Directors as Region I Representative for the 2012-2014 ACHA program years. ACHA is excited about the perspective and insights that she will bring to governing and policy decisions, and the professional and personal rewarding experience for her, her board colleagues and the association’s national office staff.

Jarrod Frizzell, M.D.: Ervin W. Lewis Resident Khatali Teaching Award Winner
Congratulations to Jarrod Frizzell, M.D., on being selected by the Class of 2012 as an Ervin W. Lewis Resident Khatali Teaching Award Winner. Of the more than 700 housestaff at the School of Medicine, the graduating class felt that Dr. Frizzell 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 his dedication and commitment to students.

Anne Simpson, M.D.: African American/Black Healthcare Professionals Alliance
Anne Simpson, M.D., a Professor in the Division of Geriatrics, was recently honored by the New Mexico Office of African American Affairs for her work within the community, including helping to create the newly formed African American/Black Healthcare Professionals Alliance. The group seeks to address the social determinates of health by providing mentorship and advocacy to all students, African American/Black students in particular, and by building social and political capital in support of better health outcomes for African American/Blacks in New Mexico. Dr. Simpson is Executive Director for the UNM Health Sciences Center, Center of Excellence for African American Health, and Rust Professor and Director of the UNM School of Medicine Institute for Ethics.

Craig Timm, M.D.: Senior Associate Dean for Education
Dr. Craig Timm, a Professor in the Division of Cardiology, has accepted an offer to serve as the permanent Senior Associate Dean for Education in the University of New Mexico School of Medicine. Craig has done an excellent job in his interim role and he enjoys broad support from the Committee of Chairs. He is a proven leader and a strong advocate for all of our educational programs.

Faculty milestones
- Effective March 1, 2012, Dr. Bart Cox accepted the role of Medical Director of Cardiology’s In-patient Services on 7S.
- After 17 years of leadership of the Division of Infectious Disease, Dr. Gregory Mertz stepped down as of Chief January 3, 2012.
Remembering Corey Tancik, M.D.
In February 2012, Dr. Corey Tancik died suddenly from a medical illness. Dr. Tancik graduated from the University of Colorado School of Medicine in 1985 before moving to UNM to complete his internal medicine residency and ID fellowship from 1985-1990. He worked in private practice in Albuquerque and for the New Mexico Department of Health as the State TB control officer, followed by positions as the Assistant Director of TB Control for the Los Angeles County Health Department and as an ID faculty member at the University of Arkansas. He returned to UNM in 2001 as an Associate Professor of Internal Medicine in the ID Division. He served as Interim ID Section Chief at the VA from 2002-3 and 2004-7 and as the Infectious Diseases Fellowship Program Director from 2004 through 2010. He was promoted to Professor of Internal Medicine in July 2008. He served as an internal medicine ward attending and inpatient and outpatient ID consult attending at both UNMH and the VA. In 2011 he moved to a full-time position in the hospitalist division at the VA but maintained an active role in the VA ID section. Corey was a highly-regarded clinician, teacher and administrator. He will be remembered for the superb care he provided for his patients, and for his steadfast devotion to medical education.
KEY NEW FACULTY HIRES OR APPOINTMENTS

- Mathew Bouchonville, M.D., Assistant Professor/Endocrinology
- Alan Tomkinson, Ph.D., Professor/Hematology-Oncology
- Alisha Parade, M.D., Visiting Instructor/General Internal Medicine
- Michael Gilles, M.D., Assistant Professor/Gastroenterology
- Jennifer Benson, M.D., Assistant Professor/General Internal Medicine
- Hui Yang, Ph.D., Research Assistant Professor/Hematology-Oncology
- Annahita Sallmyr, Ph.D., Research Assistant Professor/Hematology-Oncology
- Alan Tomkinson, Ph.D., Assistant Professor/Hematology-Hematology
- Sheila Modi, M.D., Assistant Professor/General Internal Medicine
- Katya Calvo, M.D., Visiting Assistant Professor/Infectious Disease
- Rishi Menon, M.D., Assistant Professor/General Internal Medicine
- Robert DuBroff, M.D., Assistant Professor/Cardiology
- Jens Langsjoen, M.D., Assistant Professor/General Medicine-Hospitalist
- Savitri Agular, M.D., Assistant Professor/General Medicine-Hospitalist
- Dulcinea Quintana, M.D., Assistant Professor/Hematology-Oncology
- Kevin Kolendich, M.D., Assistant Professor/Gastroenterology
- Roderick Fields, M.D., Assistant Professor/Rheumatology
- Richard Snider, M.D., Assistant Professor/Cardiology VA
- Michael West, M.D., Assistant Professor/Cardiology VA
- Ivai E. Correa, M.D., Assistant Professor/Geriatrics VA
- Prashant Nighot, Ph.D., Research Assistant Professor/Gastroenterology
- Herbert Davis, Ph.D., Research Assistant Professor/Epidemiology
- Shuhong Guo, Ph.D., Research Assistant Professor/Gastroenterology
- David A. Gonzales, M.D., Assistant Professor/Hospital Medicine SRMC
- Rebecca Bair, M.D., Assistant Professor/Hospital Medicine
- Betty Newvill, 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:

35 Years of Service
David S. Schade, M.D.

20 Years of Service
Ysela Gonzales
T. Craig Timm, M.D.
Bronwyn Wilson, M.D.

25 Years of Service
Richard E. Crowell, M.D.
Patricia L. Kapsner, M.D.
Christina (Tina) J. Lujan
Mark R. Schuyler, M.D.

15 Years of Service
Peggy A. Beeley, M.D.
Melissa A. Cordero
Elizabeth Duran-Valez
Isabel Hale
Michelle S. Harkins, M.D.
Bruce L. Horowitz, M.D.
Gary K. Iwamoto, M.D.
Jennifer R. Jernigan, M.D.
Janice Knoefel, M.D.
CENTRAL ADMINISTRATION

CENTRAL ADMINISTRATION ACCOMPLISHMENTS

Happy and Health Heart Celebration: Dr. David Schade from the Department of Internal Medicine, Division of Endocrinology presented Part II of his “Preventing a Heart Attack” at the Happy and Health Heart Celebration Friday, February 3, 2012. Following Dr. Schade’ presentation there was a workshop on “Wear Your Heart on Your Hat Workshop” and “Heart Health Fun Facts.” The Department of Internal Medicine uses a “Dress Red” theme in conjunction with the American Heart Association’s Go Red for Women to include both women and men in the celebration. Thanks to everyone who participated in making this an enjoyable and educational time for all.

Holiday Giving Project: Each year, DoIM Administration coordinates an annual Holiday Giving Project. This year, 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

- Penny Hogan, Program Coordinator/Office of Faculty Development – 07/25/2011
- Marisa Sanchez, Sr, Contracts & Grants Administrator/Central Administration (Research) – 10/03/2011
- Sara Brown, Admin Assistant III/Central Administration (Education) – 10/07/2011
- Shawnee Martinez/Sr. Medical Residency Coord/Central Administration (Education) – 10/17/2011
- Lisa Orona, HR Representative/Central Administration (AA/HR) – 11/01/2011
- Lisa Sullivan, Admin Assistant III/Central Administration (Education) – 12/12/2011
- Rebecca Pena-Ortega, Accountant 3/Central Administration (Finance) – 12/19/2011

STAFF SEPARATIONS IN CENTRAL ADMINISTRATION

- Stephanie Michael/Medical HR Representative/Central Administration – 08/25/2011
- Patricia Halcli, Admin Assistant III/Central Administration (Education) – 10/07/2011
- Penny Hogan, Program Coordinator/Office of Faculty Development – 11/18/2011
- Sara Brown, Admin Assistant III/Central Administration (Education) – 12/15/2011
### Department Chair Professional Staff

<table>
<thead>
<tr>
<th>Place</th>
<th>Nominee</th>
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<tbody>
<tr>
<td>1st Place</td>
<td>Kate Fox</td>
</tr>
<tr>
<td>2nd Place</td>
<td>Shannon Griego</td>
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<tr>
<td>Nominee</td>
<td>Kate Fox and Shannon Griego</td>
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### Professional Research Staff

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<tr>
<th>Place</th>
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<tbody>
<tr>
<td>1st Place</td>
<td>Armando Sanchez</td>
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<tr>
<td>2nd Place</td>
<td>Mary Hawkins</td>
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<tr>
<td>Nominee</td>
<td>Armando Sanchez and Mary Hawkins</td>
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### Team Award

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<tr>
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<tbody>
<tr>
<td>1st Place</td>
<td>Cardiology Team: Patricia Esquibel, Linda Jeffcoat, Davina Galbiso, Tina Lujan, David Koepsell</td>
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### Department Chair Administrative Staff

<table>
<thead>
<tr>
<th>Place</th>
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<tbody>
<tr>
<td>1st Place</td>
<td>Rebecca Chavez</td>
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<tr>
<td>2nd Place</td>
<td>Linda Richardson</td>
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<tr>
<td>Nominees</td>
<td>Rebecca Chavez and Linda Richardson</td>
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### Divisional Administrative Staff

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<tr>
<th>Place</th>
<th>Nominee</th>
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<tbody>
<tr>
<td>1st Place</td>
<td>Davina Galbiso</td>
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<tr>
<td>2nd Place</td>
<td>Tina Lujan</td>
</tr>
<tr>
<td>3rd Place</td>
<td>Agatha Santillanes</td>
</tr>
<tr>
<td>Nominees</td>
<td>Patricia Esquibel, Dina Estrada, Linda Jeffcoat, Florence Subia, Christie Carroll, Agatha Santillanes, Melissa Cordero, Tina Lujan, and Yolanda Hubbard.</td>
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### Divisional Professional Staff

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<tr>
<th>Place</th>
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<tbody>
<tr>
<td>1st Place</td>
<td>Michael Han</td>
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<tr>
<td>2nd Place</td>
<td>David Koepsell</td>
</tr>
<tr>
<td>3rd Place</td>
<td>Sharon Castillo</td>
</tr>
<tr>
<td>3rd Place</td>
<td>Pamela Burciaga-Kichner</td>
</tr>
<tr>
<td>Nominee</td>
<td>Sharon Castillo, Erika Harding, Pamela Kirchner, Michael Han, and David Koepsell.</td>
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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 Maes 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. Crowell, 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
Cana Fotieo, MD Michelle S. Harkins, MD
Gregory Fotieo, MD Jennifer Jimigan, 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
SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

GRADUATE MEDICAL EDUCATION

- Dr. Michelle Harkins won the Clinician of the Year for the American Thoracic Society.
- Dr. Betty Chang has been spending 0.4 FTE in the Graduate Medical Education Office serving as the Acting Associate Dean for Graduate Medical Education and Designated Institutional Official for 3/4 of the academic year.
- Dr. Betty Chang has been appointed a Fellow of the American College of Physicians.
- The Residency program has appointed a Quality Chief Resident, one of the first in the nation. This Chief Resident will be responsible for quality initiatives in the residency and acting as a liaison between the Department Quality Committee, the Hospital Quality committee and the residency.

UNDERGRADUATE MEDICAL EDUCATION

- Dr. Edward Fancovic was named Director for LGBT Equity and Inclusion by the UNMHSC Office of Diversity in September 2011. 0.1 FTE of his time was provided by Dr. Moseley for this HSC-wide effort.

PUBLICATIONS AND OTHER SCHOLARLY ACTIVITY OF THE OFFICE

FACULTY PUBLICATIONS

National Presentations and Professional Activities by the Office

Faculty Presentations

- Harkins M, Raissy HH, Moseley K, Luttecke K, Arora S. Project ECHO: Improving Asthma Care in New Mexico with Telehealth Technology. ACCP, October 2011, Hawaii
- J. Danaraj, M Harkins. An ominous metabolic disturbance. Presented to Regional ACP meeting Albuquerque October 28, 2011. 1st place award to go to National ACP meeting
- Shah JH, Fotieo GG. Structured SMBG with Standard Treatment Improves Glycemic Control in Insulin-Treated Type 2 Diabetics, International Diabetes Federation World Diabetes Congress, Dubai, United Arab Emirates December 4-8, 2011.
- Fotieo GG. Does Non-Severe Hypoglycemia Impact the Intensity of Treatment in Patients with Type 2 Diabetes? American Diabetes Association 72nd Scientific Sessions Abstract Book, the June 2012 supplement to the journal Diabetes.
- Wendel C, Fotieo GG. Incidence of Non-Severe Hypoglycemia among Veterans in the US: A Prospective Observational Study, American Diabetes Association 72nd Scientific Sessions Abstract Book, the June 2012 supplement to the journal Diabetes.
- Wendel C, Fotieo GG. Structured Self-monitoring of Blood Glucose (SMBG) Improves Glycemic Control in Type 2 Diabetic Veterans on Insulin, American Diabetes Association 72nd Scientific Sessions Poster Presentation June 8-12, 2012, the June 2012 supplement to the journal Diabetes.

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 2011-12 was presented to Khaldoon Khirfan, MD.
- Intern of the Year: Taylor Goot, MD
- Preliminary Intern of the Year: Jason Fredriksen MD
- PGY-2 Resident of the Year: Terry Taylor, MD
- Resident of the Year: Paul Hassett, DO
- Laurent T. Visconti Teaching Fellow of the Year: Jarrod Frizzell, MD
- William R. Hardy Teaching Physician of the Year: Sepehr Khashaei, MD
- Clerkship Teaching Award: Marc Montanaro, MD

Significant Plans and Recommendations for the Near Future

- (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.
- We will continue to define the role of the Quality Chief Resident as the year progresses.
The Internal Medicine Subspecialty match has moved from the PGY2 year to the PGY3 year. This will necessitate changing our mentoring of resident research timeline, advisement timeline, and schedule requests for residents anticipating entering the subspecialty match.

Dr. Edward Fancovic will be stepping down as clerkship director and Dr. Deepti Rao will be assuming this role.

As a result of the BA/MD students now entering their clinical year, the number of students entering clerkship rotations will increase by 25%. This will necessitate changes in the clerkship structure and resources needed to ensure the education of these learners.

Graduate Medical Education

LEADERSHIP

Betty Chang, M.D.C.M., PhD, Associate Professor, Vice-Chair of Education and Residency Program Director
Gregory Fotieo, M.D., Professor and Associate Director of Residency Program at the Veterans Administration Medical Center
Jennifer Jernigan, M.D., Associate Professor and Associate Director of Residency Program at University Hospital
Dana Fotieo, M.D., Associate Professor and Assistant Director of Residency Program
Michelle Harkins, MD, Associate Professor and Assistant Director of Residency Program

The University of New Mexico’s Department of Internal Medicine Residency Program had a successful recruiting season and match. Six preliminary positions were filled, including 2 from the University of New Mexico. Four Neurology preliminary positions were filled: one from a US school, one from India, one from Jordan, and one from Pakistan. Twenty categorical positions (14 from US Schools and 6 international) were filled, including 3 from UNM. The wide diversity of schools represented includes the Mid-West (U Kansas, U Oklahoma, Creighton U), the Southeast (UT San Antonio, UT Medical Branch in Galveston, U North TX Osteopathic, U Kentucky); the East (Philadelphia Osteopathic, Via Virginia Osteopathic), the West (UNM, U Colorado). International medical schools represented are in India, Japan, Jordan, and Mexico. The wide range of medical schools that supply residents to us continues to enrich the diversity of our program.

Of the 2011-12 graduating class, 7 are slated to practice general internal medicine or as hospitalists (4 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, 4 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 (UNM), Nephrology (Tulane U, U Utah), and Pulmonary/Critical Care (U Louisville, Iowa U).

Our graduates have a cumulative pass rate of 79% for the ABIM certifying exam for 2009 through 2011. For the 2011 graduating class we have a ABIM pass rate of 86%.

We successfully received a 5-year accreditation from the ACGME with only one citation. Our one citation was an ABIM board pass rate below the 80% requirement. Because of this citation, we were not given our program expansion from 74 to 79 residents. However, we have been given a temporary expansion of 2 residents for 2 years pending an improving rolling average ABIM pass rate.
International electives, both clinical and research rotations, were provided for two residents in Ecuador and Kenya.

An annual survey of all residents was again conducted. The information gathered will be used to improve the program. Of particular concern were duty hours at the VA inpatient rotation.

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. We hope to be in good shape for the new duty hour requirements effective July 2011.

Wards at UNMH changes based on new duty hour requirements: post night call interns are excused before 11am or 12 if it is a two-intern team.

Wards at VA changes to meet new duty hour requirements: The interns are split between a day and night call shift.

Cardiology at UNM made changes to meet the new Duty hour requirements by decreasing to 24+4 call through the majority of the academic year. In June of 2012, they moved to a shift base schedule eliminating all 24 hour call. This is a nested night float model similar to that used in the MICU for the last year with success.

MICU changes to meet the new duty hour requirements: The interns and residents will change to a nested night float model where each intern-resident pair will do 7 nights.

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

We successfully were able to move Thursday School didactics to the BBRP 1500 enabling more residents to attend conference.

To teach professionalism within the profession of medicine, we instituted professionalism morning report where cases of professionalism or non-professionalism are discussed. Our goal is to better define the “gray” zone of professionalism and professionalism expectation.

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.

**PUBLICATIONS BY INTERNAL MEDICINE RESIDENTS 2011-2012**


**RESIDENT ABSTRACTS/PRESENTATIONS AT REGIONAL AND NATIONAL MEETINGS**

1. Ponce, Sonia: Beaded necklace-like image observed by real-time three-dimensional transesophageal echocardiography as evidence of bacterial vegetations in a dialysis catheter. Oral presentation at Carmel Western Regional Meeting, January 2012.


5. Khirfan K: Orogastric administration of zinc (Zn) decreases intestinal inflammation in shiga toxin producing E. coli (STEC) infection. Presented at Digestive Disease Week, San Diego, CA, May 2012. Travel Award Winner


CLINICAL VIGNETTES PRESENTED AT NEW MEXICO ACP MEETING, OCTOBER 2011
1. Nada Bader, MD. “Eosinophilic Ascites in a Previously Healthy Female”
2. Khaldoon Khirfan, MD. “Hyper and Hypoglycemia; Manifestations of the same Pathology”
3. Jonathan Danaraj, MD. “Lymphoma induced lactic acidosis and Hypoglycemia - An ominous metabolic disturbance.” 1st place award to go to National ACP meeting
4. Romy Cabacungan, MD. “Pleural Fluid Cytology; An Alternate Diagnostic Approach for Catamenial Pneumothorax.”
5. Mariam Salas, MD. “The Obscure but Destructive Mycobacterium Abscessus.”

POSTERS PRESENTED AT NEW MEXICO ACP MEETING, OCTOBER 2011
1. Orwah Al Khalili, MD: “A case of newly diagnosed adult still’s disease on top of anti-TNF treatment”
3. Nour Ass’ad, MD: “Acute lung injury induced by CAL-101; an investigational PI3 Kinase delta inhibitor”
4. Deepthi Byreddy, MD: “Chronic pain: using a more comprehensive approach for treatment”
5. Rory Carrera, MD: “A Case of Mistaken Identity”
8. Khaldoon Khirfan, MD: “Glioblastoma Multiforme in a patient treated with Cladidine for Hair Cell Leukemia”
9. Emily Newsom, MD: “A Difficult Case of Ichthyosis”
10. Sonia Ponce, MD: “Beaded Necklace-Like Image Observed By Real-Time Three-Dimensional Transesophageal Echocardiography as Evidence of Bacterial Vegetations In A Dialysis Catheter”

Undergraduate Medical Education

LEADERSHIP
- Edward Fancovic, M.D. Professor, Clerkship and UNM Director
- Deepthi 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.

The phase II clerkship underwent significant structural changes with the beginning of the new phase II year in April 2012. This has required changes in scheduling and in assessment of students.

From July 2011-April 2012, the 8-week rotation was entirely inpatient-based, with students doing 4 weeks at University Hospital (UH) and 4 weeks at the VA. Students met twice with clerkship faculty for assessment and feedback using the PRIME grading system, once with Drs. Fancovic/Rao at UH and once with Dr. Konstantinov at the VA. Evaluations were obtained from attendings and residents working on the same teams as the students, and were summarized and graded by clerkship faculty.
Beginning in April 2012, an ambulatory block was introduced to the clerkship for the first time in nearly 20 years. All students now complete four weeks of inpatient service at UH, 2 weeks of inpatient at the VA, and two 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.

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 tutorial continues to evolve. From July 2011-April 2012, there were weekly meetings of tutorial groups led by teaching faculty, with small-group discussions of structured online cases in internal medicine (the SIMPLE cases: Simulated Internal Medicine Patient Learning Experience). Students were also required to do 5 additional online cases as self-study exercise and received a pass/fail grade.

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.

The Post-Discharge Home Experience completed its second clerkship year and continues in 2012-13 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. Arndell 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: there has been a steady rise in the number of students matching in internal medicine over the past 3 years:

- Class of 2010: 3 categorical
- Class of 2011: 6 categorical + 1 med/peds
- Class of 2012: 10 categorical + 1 med/peds
SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

When Dr. Bronwyn Wilson was appointed Associate Dean for Academic Affairs with the School of Medicine on January 1, 2012, Dr. Moseley appointed Dr. Rush Pierce to replace her as the Department’s Vice-Chair for Faculty Development. Dr. Pierce had joined the Division of Hospital Medicine in 2009, where he serves as Director of Research and Scholarly Activity.

PROMOTION & TENURE

- Eleven members of the Department were promoted in 2012, six to the rank of Professor.
- The Department formalized promotion criteria for clinician-educators, including a 3-year phased-in implementation of requirements for products that demonstrate dissemination of scholarship.
- The Office conducted a study of promotion rates within the Department from 2009 – 2012. This study demonstrated no difference in promotion rates by gender, rank, part-time vs. full-time employment, or for faculty on the clinician-educator vs. tenure track. Department promotion rate of eligible faculty declined from 41% in 2009 to 29% in 2012.

CAREER DEVELOPMENT

- The Division of Hospital Medicine’s monthly Research Club for clinician-educators was expanded to include clinician-educators in other Divisions. 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 a junior faculty exchange program with two nearby medical schools (the University of Colorado School of Medicine and Texas Tech University School of Medicine). The program will be piloted in the Hospitalist Division. Targets of this program are mid-career faculty. Goals of the program include (a) assisting individual faculty promotion by gaining reputation outside of home institutions; (b) development of external mentorship and career advice relationships for junior faculty; and (c) enhancing intra-institutional networking and project collaborations. The first visiting faculty are scheduled to visit this fall.
- Dr. Pierce participated in the Division of General Internal Medicine’s annual retreat and discussed promotion criterion and career development for clinician-educators.

PROFESSIONALISM

Two of our Internal Medicine residents developed a resident-led case-based professionalism curriculum. Once per month instead of our usual morning report, one resident chose one or two of the resident-written cases and led a discussion with residents and students. Cases discussing respect for patients and appropriate use of social media were especially popular. An abstract of this curriculum was presented at the 2012 Society of Hospital Medicine Annual Session and chosen as one of the top 5 innovations in 2012.
FACULTY EFFORT IN EDUCATION
With major assistance from Kate Fox, the Office developed and implemented an internet-based reporting system whereby Department faculty could record their educational, research mentorship, and community outreach activities. This system has greatly facilitated the Department in its efforts to compensate Divisions for educational activity of their faculty and to provide positive economic incentives for medical student education and research mentorship. This system also transfers data electronically to the School of Medicine Faculty Activity Database (FAD), which has improved timeliness, enhanced completeness of data capture, and led to significant reduction in effort related to School of Medicine FAD reporting.

MENTORSHIP
A road map for promotion was developed for the Division of Hospital Medicine, and has been shared with the Division of General Internal Medicine. Guidelines and a checklist for mentors to assist with this process were developed.

DEPARTMENTAL AWARDS
Dr. Sepher Khashaei was awarded the 2012 William R Hardy Teaching Physician of the Year, and Dr. Milton Icenogle the 2012 Robert G Strickland Distinguished Service Award.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

PROMOTION & TENURE
- Monitor promotion rates to assess effects of more strict promotion criteria for clinician-educators
- Post informational material related to promotion and tenure on Department website
- Develop Department guidelines and a standardized process for appointment of volunteer faculty

CAREER DEVELOPMENT
- Implement monthly faculty development luncheon for new faculty
- Expand Research Club for clinician-educators
- Post career development material on Department website
- Create a database of faculty research and scholarly interests

PROFESSIONALISM
- Develop Department newsletter
- Develop professionalism goals within the Department

FACULTY EFFORT IN EDUCATION
- Develop training module for the on-line FAD
- Analyze Department educational, research mentoring, and community outreach activities

MENTORSHIP
- Create and maintain an database of mentors and protégés in the Department
- Develop guidelines for defining mentorship within the Department
- Evaluate Departmental mentorship
- Develop Mentor training programs
**APPOINTMENTS**

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<tr>
<td>J Rush Pierce Jr, MD, MPH</td>
<td>Associate Professor</td>
<td>January 1, 2012</td>
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**STAFF**

None

**SEPARATIONS**

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<tr>
<td>Bronwyn Wilson, MD</td>
<td>Professor</td>
<td>Dec. 31, 2011</td>
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<tr>
<td>Name</td>
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<tr>
<td>Penny Hogan</td>
<td></td>
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**PUBLICATIONS AND OTHER SCHOLARLY ACTIVITY OF THE OFFICE**


**NATIONAL PRESENTATIONS AND PROFESSIONAL ACTIVITIES BY THE OFFICE**

Office of Quality, Safety & Clinical Operations

Richard Crowell, MD
Professor
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
- Leonard Noronha, MD; Assoc. Medical Director, Clinical Operations
- Diane M. Dodendorf, MS, PhD; Quality Manager

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 2011-2012

Implementation of Medicine Quality Group (MQG)
- 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

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
- Develop capabilities for active identification of system issues

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INTEGRATION OF DoIM QUALITY MANAGER INTO QSCO ACTIVITIES

- Data management and reports for Cardiology “Get With the Guidelines” project
- Developed approaches for measuring transitions of care for heart failure patients
- Set up clinical alert system for identifying heart failure patients that qualify for GWTG
- Assists with data collection, processing, management for Sepsis Mortality Improvement Team (SMITe)
- ED to MICU project: initial data management, analysis
- Support for ongoing Quality Research projects and reports
- Development of ICU quality checklist database, iPad-based system for data collection
- Development of heart failure medicine reconciliation checklist database for 7South, iPad-based system for collection
- Development of collaborative relationships with UNMMG, UH committees and data centers

QUALITY/SAFETY-SPECIFIC EDUCATIONAL ACTIVITIES

- Grand Rounds, Executive Committee reports, Divisional meetings, Internal Medicine Residency Thursday School

RESEARCH / COMPARATIVE EFFECTIVENESS 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 they arise

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

QSCO – CLINICAL OPERATIONS

DOIM BUSINESS OFFICE

- Billing, charge capture
- Monitor productivity, collections
- Provide feedback: Monthly metrics, Specific Division or provider feedback (Monthly, Special requests)
- Optimize the charge capture of the process
- Evaluate billing/coding patterns, charge capture processes: Provide 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.
• Noronha, Dronet Poster: WHAT ROLE SHOULD HOSPITALISTS PLAY IN PROVIDER BILLING? was accepted as a finalist for the poster competition in the innovations category at the Society of Hospital Medicine's Annual Meeting
• Coding & Documentation training – Divisions, Individual Faculty, Fellows, Residents
• Creation of UNM DoIM Specialty Dictation Templates
• Clinical Metric presentations by Division
• 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
• Applied for capital renovation funds to move registration and telephone operations to atrium and create added examination, triage, and discharge spaces

Clinics Offsite
• Concept approved for combined research and clinic building funded by DCI and negotiations/approvals ongoing
• Negotiations held to transition West side Allergy clinic to UNMMG
• Plans completed for move of Truman Street Clinic to new location

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.

• Query “best practice” staffing and management models of other academic practices, private single-specialty group practices, and UNMMG clinics: no action taken
• 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
Shared Decision-making Task Force (SOM Faculty and UNMH managers)
- 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
- Mutual access to UNMH and SOM/UNMMG IT Systems including budgeting, evaluations, and hiring: no action taken by UH as yet

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
- Develop outpatient specialty practices: Medical Office Building; 528 and Southern
- Continued support in recruitment and development of primary and specialty care faculty positions for planned Primary Care staffing needs and at the Sandoval Regional Medical Center.
- Pro-forma submitted for SRMC-based Sleep Center

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

MEDICINE QUALITY GROUP (MQG)
- Expand UH alignment activities
  - Further UH 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

PROCESS REVIEW
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

QUALITY/SAFETY-SPECIFIC EDUCATIONAL ACTIVITIES
- Expansion 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
- Coordinate and co-manage in depth Quality Seminar series for residents and fellows at UNM School of Medicine
  - Align and co-manage seminar series with Office of Quality and Safety, University Hospital
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
- Develop RFP for Departmental Travel Clinic

CLINICAL PRACTICE

Outpatient care issues on 5-ACC

- Diabetes Comprehensive Care Center to be moved to 5-ACC
- Add additional services to Diabetes Comprehensive Care Center
- Obtain communication devices to allow real-time coordination of staff activities
- Recruit the additional 2 approved staff FTE’s
- Initiate renovation planning using the small amount of funds allocated
- Analyze provider templates to increase room utilization

Offsite Clinics

- Pulmonary Hypertension Clinic to be initiated at 1101-4 Medical Arts NE
- Participate in planning for Nephrology’s research and clinic building
- Transition West side Allergy Clinic to UNMMG
- Move Truman Street Clinic to new location
- Publish RFP for Travel Medicine Services and award to best proposal
- Continue planning for Geriatrics participation in Rio Rancho assisted care facility
- Consolidate and move Cardiology and Pulmonary Hypertension services to Cardiovascular Center

Ease of practice

- Await UNMMG Board of Directors action on proposals
- Translate ACCESS database at Sleep Disorders Center into cloud-based Oracle/Cold Fusion application
- Sleep Laboratory staff to initiate LEAN process
- Advocate for improved integration of mid-levels with clinical units

Shared Decision-making Task Force (SOM Faculty and UNMH managers)

- Await resumption of activities
After-hours Patient Calls Task Force- Plan for system-wide answering service
- Pro-forma to be developed for in-house answering service for presentation to senior leadership

Sandoval Regional Medical Center
- Fine-tuning of inpatient care model including role of internal medicine specialty physicians
- Develop outpatient specialty practices: Medical Office Building; 528 and Southern
- Continued support in recruitment and development of specialty care faculty positions as requested, including GI and Nephrology
- Develop SRMC Sleep Disorders Center and integrate with the UNM-HSC Program in Sleep Medicine

**APPOINTMENTS**

**FACULTY**
None

**STAFF**

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<tr>
<td>Diane Dodendorf, PhD</td>
<td>Quality Manager</td>
<td>9/1/2011</td>
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<tr>
<td>Leonard Noronha, MD</td>
<td>Assistant Medical Director, Clinical Ops</td>
<td>6/30/2012</td>
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**STAFF**
None

**NATIONAL PRESENTATIONS AND PROFESSIONAL ACTIVITIES BY THE OFFICE**

OFFICE OF RESEARCH

ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012

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

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

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 2012

- Blueridge Institute for Medical Research (BRIMR), in its annual report of rankings for NIH funding to medical schools in the United States, ranked the University of New Mexico School of Medicine 69 out of 138 in 2011.
- BRIMR reports that total NIH funding for the University of New Mexico School of Medicine was $45,325,093. Of this amount, the Department of Internal Medicine received $6,119,628, comprising 13.5% of the funding.

PROPOSALS

- Throughout the UNM-Health Science Center, 60 Internal Medicine faculty members submitted 243 proposals requesting $54,089,178 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.
- 150 of these proposals, totaling $34,207,325, were submitted directly through Internal Medicine.

AWARDS

- Throughout the UNM-Health Science Center, 54 Internal Medicine faculty members received 168 awards totaling $31,574,914. 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.
- 106 of these awards, totaling $16,857,611 were awarded directly through the Department of Internal Medicine.

FUNDING ATTRIBUTES

- Among the awards, DOIM received funding for 30 new Clinical Trials and 31 subawards.
- Federal Funding continues to be the principal source of extramural awards, comprising approximately 72% of all funding through direct awards and pass-through subawards. State funds comprised 16% and private/industrial funds accounted for approximately 12% of all new awards.
- NIH funded 35 awards directly to DOIM faculty and the large majority of subawards received were also NIH pass-throughs.
DOIM FACULTY WITH VA APPOINTMENTS

- DoIM Faculty with joint Veteran’s Administration appointments received an approximate $2,051,456 in new awards, with the majority of funds coming in the form of “Merit Grants” funded by the VA itself. Nine proposals were submitted through BRINM totaling $5,526,469. Among the awards was a $40,000 PCORI grant awarded to Dr. Toru Nyunoya for smoke-induced Emphysema research.

TRAVEL FUNDS

- The DOIM Office of Research provided $11,000 to support travel by 11 fellows and residents presenting abstracts at national and regional meetings.
- Five fellows traveled to present at the AFMR Western Division meetings at Carmel, CA in January 2012, 2 traveled to the Chest 2012 Annual Conference in Honolulu, Hawaii, and DOIM was also represented by fellows attending The Society of General Internal Medicine (SGIM) Annual Meeting in Orlando, Florida, the ARVO’s Annual Meeting in Fort Lauderdale, Florida, Digestive Disease Week Conference in San Diego, CA, and the SLEEP 2012 Conference in Boston, Massachusetts.

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.
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 ensures timely funding for all investigators.
- In FY 2012 the Office of Research provided 2 grants for $500 each to Dr. Akshay Sood and Dr. Michelle Harkins to facilitate their students’ presentations at national conferences.

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).
- Kristina Flores, Pulmonary was awarded a RAC Grant: 3/1/2011 - 2/29/2012, $24,229, entitled, “Gene Methylation Patterns in Malignant Melanoma.”

SPACE
In FY 2012, DOIM acquired approximately 11,379 square feet of new space in the following areas:

In the TriServices Building
- 2000 sq ft -2nd Floor; With the initiation of the new Translational Informatics division in the DoIM, space was needed to house the multiple servers and computers which are required for their research studies. This space is ideal as it had been recently renovated with appropriate wiring and cooling for electronic equipment.
- 4895 sq ft-3rd Floor; this space includes approximately equal amounts of wet and dry research space. It is anticipated that this space will be available for occupancy by investigators in the summer of 2012. Specific plans to recruit additional basic and clinical researchers in the area of gastroenterology are being spearheaded by Dr. Thomas Ma, chief of the GI division.

ACC 4th Floor
- 1400 sq ft which will provide 12 new offices for DoIM faculty. The intention is to recruit new faculty to the DoIM with peer-reviewed research funding.

The Department as a whole, through the Office of Research, began to collaboratively utilize the FAMIS Space Database, to comprehensively track all DOIM space, including wet and dry lab space.
**APPOINTMENTS**

**FACULTY**
None

**STAFF**
| Marisa Sanchez | Sr. Contract & Grant Administrator | October 3, 2011 |

**SEPARATIONS**

**FACULTY**
None

**STAFF**
None
## UNM HSC - DEPARTMENT OF INTERNAL MEDICINE US NON-PROVISIONAL US PATENTS FILED

### FY 2012 - Year to Date

<table>
<thead>
<tr>
<th>INVENTOR</th>
<th>INTELLECTUAL PROPERTY TITLE</th>
<th>PATENT APPLICATION PROVISIONAL #</th>
<th>PATENT APPLICATION DATE</th>
<th>PATENT TRACK CODE</th>
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<tbody>
<tr>
<td>Hromas, Robert</td>
<td>Metnase and Intnase Inhibitors and their Use in Treating Cancer</td>
<td>13/255,708</td>
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<td>2009-121-05</td>
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<tr>
<td>Williamson, Elizabeth</td>
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<td>Wray, Justin W</td>
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<td>Byrd, Wyatt</td>
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UNM HSC- DEPARTMENT OF INTERNAL MEDICINE ISSUED PATENTS

FY 2012- Year to Date

<table>
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<tr>
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<tr>
<td>Du Clos, Terry</td>
<td>8,013,120</td>
<td>9/6/2011</td>
<td>C-Reactive Protein and Its Use to Treat Systemic Lupus Erythematosus and Related Conditions</td>
<td>12/083,055</td>
<td>8/11/2008</td>
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<tr>
<td>Lovchik, Julie</td>
<td>8,192,720</td>
<td>6/5/2012</td>
<td>Compositions and Methods for Detection, Prevention, and Treatment of Anthrax and other Infectious Diseases</td>
<td>12/701,149</td>
<td>2/5/2010</td>
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<tr>
<td>Lyons, Clifford</td>
<td></td>
<td></td>
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</tbody>
</table>
The CTSC provides grant funding for a 12 month period for individuals who desire to do translational research. These grants provide funds for pilot projects that involve community related research. They are designed to generate pilot data that will result in a full application to the NIH for peer reviewed funding.

<table>
<thead>
<tr>
<th>TITLE OF PROJECT/SUBMISSION</th>
<th>PRINCIPAL INVESTIGATOR</th>
<th>DEPT</th>
<th>FUNDING AMOUNT</th>
<th>FUNDING BEGIN DATE</th>
<th>FUNDING END DATE</th>
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</thead>
<tbody>
<tr>
<td>Identification of Biomarkers for Susceptibility to Severe Malarial Anemia</td>
<td>DJ Perkins</td>
<td>Internal Medicine</td>
<td>$ 25,000</td>
<td>4/1/11</td>
<td>3/31/12</td>
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<tr>
<td>Gene expression profiling in airway epithelial cells in cigarette smoke-exposed non-human primates</td>
<td>Toru Nyunoya</td>
<td>Internal Medicine</td>
<td>$ 20,000</td>
<td>4/1/11</td>
<td>3/31/12</td>
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<tr>
<td>A Web-Based Intervention to Reduce Disparities in Childhood Behavioral Health</td>
<td>Tamar Ginossar</td>
<td>Internal Medicine</td>
<td>$ 20,000</td>
<td>4/1/11</td>
<td>3/31/12</td>
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<td>Obesity-related host susceptibility factors for asthma in women</td>
<td>Akshay Sood</td>
<td>Internal Medicine</td>
<td>$ 40,000</td>
<td>4/1/11</td>
<td>3/31/12</td>
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<td>Managing Muscle Autophagy through the Heart Shock Response</td>
<td>Pope Moseley</td>
<td>Internal Medicine</td>
<td>$ 25,000</td>
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<td>7/31/12</td>
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<tr>
<td>Targeting 1L-12 as a Novel Treatment for Falciparium Malaria</td>
<td>DJ Perkins</td>
<td>Internal Medicine</td>
<td>$ 33,000</td>
<td>10/1/11</td>
<td>9/30/12</td>
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<tr>
<td>A comparative Study of the efficacy of mindfulness-based stretching and breathing exercise as a complementary therapy for posttraumatic stress disorder versus treatment as usual</td>
<td>Mark Burge</td>
<td>Internal Medicine</td>
<td>$ 21,830</td>
<td>10/1/11</td>
<td>9/30/12</td>
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<tr>
<td>Methylomic Profiles of Asthma</td>
<td>Akshay Sood</td>
<td>Internal Medicine</td>
<td>$ 25,000</td>
<td>12/1/11</td>
<td>11/30/12</td>
</tr>
</tbody>
</table>
OTHER ACTIVITIES

In 2011, 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.

In the Summer of 2012, the Division of Translational Informatics became housed in the DOIM, and the Division of Nephrology welcomed a new Chief, Dr. Mark Unruh. Both additions will enhance Internal Medicine’s research portfolio.

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 150 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 five faculty with IRB applications, amendments and renewals

PUBLICATIONS AND OTHER SCHOLARLY ACTIVITY OF THE OFFICE

<table>
<thead>
<tr>
<th>Department of Internal Medicine</th>
<th>Peer-Reviewed Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Five-Year History</td>
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<tr>
<td></td>
<td>2007-2011</td>
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<tr>
<td>Number of Publications</td>
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</tr>
<tr>
<td>2007</td>
<td>110</td>
</tr>
<tr>
<td>2008</td>
<td>120</td>
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<td>2009</td>
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<td>2010</td>
<td>120</td>
</tr>
<tr>
<td>2011</td>
<td>110</td>
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</tbody>
</table>

Since 2007, DOIM Faculty has produced 760 scholarly peer-reviewed scientific publications.
**National Presentations and Professional Activities by the Office**

No National Presentations.

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. In the Summer of 2012, Dr. Schade was named a Distinguished Professor of Medicine.

Marisa Sanchez has attended five research centered symposiums, both on the Main Campus and the HSC Campus to get acquainted with the research environment at UNM. Her attendance at a full day seminar offered by the Human Research Protection Office, has enabled her to better assist faculty with their IRB needs.

**Significant Plans and Recommendations for the Near Future**

- 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.
- 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 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.
SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

GOALS
• 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
• 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.

RESEARCH
• Continued growth of research program and research-track faculty has occurred at the VA Medical Center.
• VERA reimbursement, the indirect costs generated by VA research, increased from $7 million in 2005 to $20 million in 2011.
• Medicine Service at the New Mexico VA Health Care System is one of the top 12 research facilities in the national VA system. Overall, the NM VA is ranked #20 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 (Ma, Lin, Boedeker, Durvasula, Gresham, Hall, Villareal, DuClos and Mao)
- There are 6 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 fellows have published 13 papers in last 3 years alone through affiliation with the Lee and Durvasula labs.
- The Center offers highly specialized labs in fungal pathogenesis (Lee), paratransgenesis (Durvasula), epithelial cell biology (Ma), gut microbiology (Lin, Boedeker), vaccine development (Gresham), immune mediators (DuClos), metabolic bone diseases (R. Villareal) and cancer biology (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). In 2014, a new 25,000 sq ft combined basic science and clinical research facility will be opened (BRINM Research Center). 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, M.D.
- This Center houses seven faculty currently with over 15 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 200 publications and presentations, many including UNM junior faculty and house staff, have accrued from the faculty of this Center.
**Medicine Service: New Clinical and Educational Offerings**

- The Medical Informatics Service allows for new faculty and house staff training (see above).

**Cardiology**
- In 2012, two new Cardiac Cath Labs will open, 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.

**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.

**Geriatrics**
- Medicine Service houses a state-of-the-art NIH-funded Exercise Center for Exercise and Elderly Frailty Studies (D. Villareal, PI). Dr. Dennis Villareal, Professor of Geriatrics with Tenure 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 under development, with hiring of 3 nocturnists. This will provide continuous resident supervision and education.

**Pulmonary and Critical Care Medicine**
- The largest Sleep Center in NM is under construction with opportunities for new faculty and fellowship training. This was made possible by a $5 million VA-DoD award to Dr. Jenny Mao, Professor with Tenure of Pulmonary and Critical Care.

**Infectious Diseases**
- A highly successful Antimicrobial Stewardship Program under the direction of Drs. Sam Lee (Associate Professor with Tenure of Infectious Diseases) and Susan Kellie (Professor of Infectious Diseases) offers valuable training for residents in Medicine and Pathology as well as ID Fellows.
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.

APPOINTMENTS

FACULTY

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ivan Correa, MD</td>
<td>Staff Physician, Geriatric Medicine</td>
<td>8/15/2011</td>
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<tr>
<td>Meredith Prevost, MD</td>
<td>Staff Physician, Hospitalist</td>
<td>11/7/2011</td>
</tr>
<tr>
<td>Sepehr Khashaei, MD</td>
<td>Staff Physician, Hospitalist</td>
<td>4/2/2012</td>
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SEPARATIONS

FACULTY

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<th>Name</th>
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<tr>
<td>Elizabeth Burpee, MD</td>
<td>Staff Physician, Hospitalist</td>
<td>5/25/2012</td>
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</table>
### OUTSIDE SPONSORED RESEARCH

**BRINM Investigator Grant Submissions and Funding - Medicine Services**

<table>
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<tr>
<th>Investigator</th>
<th>Project Title</th>
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<tr>
<td>Edward Boedeker, MD (Subaward)</td>
<td>Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. Coli</td>
<td>University of Arizona/National Institutes of Health</td>
<td>NA</td>
<td>7/1/11-6/30/12</td>
<td>$21,468</td>
<td>Awarded</td>
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<tr>
<td>Edward Boedeker, MD (Subaward)</td>
<td>Dual beneficial vaccine development against diarrhea caused by ETEC and EPEC using an intimin-toxoid fusion antigen 'Int280-STa13-LTA2:B' and a pig challenge model</td>
<td>National Institutes of Health</td>
<td>May 16, 2011</td>
<td>7/1/12-6/30/16</td>
<td>$377,450</td>
<td>Submitted</td>
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<td>Edward Boedeker, MD</td>
<td>A novel vaccine to prevent Clostridium difficile colitis.</td>
<td>National Institutes of Health</td>
<td>March 26, 2012</td>
<td>9/1/12 – 8/31/16</td>
<td>$1,338,48</td>
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<td>Ravi Durvasula, MD</td>
<td>Antibody-based Paratransgenics for Pierce’s Disease: Advanced Methods for Transmission Blocking and Environmental Monitoring</td>
<td>USDA</td>
<td>Jan. 27, 2012</td>
<td>8/1/12 – 7/31/16</td>
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<td>Ravi Durvasula, MD</td>
<td>Second Generation Paratransgenics for Pierce’s Disease</td>
<td>USDA</td>
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<td>10/1/10- 9/30/13</td>
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<td>Ravi Durvasula, MD</td>
<td>Microencapsulation of entomopathogenic fungi for gated release in Desert locus</td>
<td>Bill and Malinda Gates Foundation</td>
<td>May 16, 2012</td>
<td>9/1/12 – 4/31/12</td>
<td>$100,000</td>
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<td>Jenny Mao, MD</td>
<td>Feasibility of grape seed extract for lung cancer chemoprevention</td>
<td>National Institutes of Health</td>
<td>Feb. 16, 2012</td>
<td>9/1/12 – 8/31/14</td>
<td>$341,825</td>
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<tr>
<td>Toru Nyunoya, MD</td>
<td>Role of ALDH2 in Cigarette Smoke-Induced Emphysema</td>
<td>Patient-Centered Outcomes Research Institute (PCORI)</td>
<td>Jan. 13, 2012</td>
<td>7/1/12 – 6/30/2014</td>
<td>$40,000</td>
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<td>Toru Nyunoya, MD</td>
<td>FAMRI Clinical Innovators Award Program</td>
<td>FAMRI</td>
<td>Sept. 26, 2011</td>
<td>7/1/12-6/30/15</td>
<td>$325,500</td>
<td>Submitted</td>
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<td>Dennis Villareal, MD</td>
<td>Weight Loss and Exercise in Frail Obese Elderly Subjects</td>
<td>National Institutes of Health</td>
<td>Feb. 22, 2012</td>
<td>12/1/12 – 11/30/2017</td>
<td>$2,994,781</td>
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### Outside research by Internal Medicine faculty associated with the VA Medical Center

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<th>Project type</th>
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<tr>
<td>Durvasula, Ravi</td>
<td>NIH/National Institutes of Health</td>
<td>T cruzi Molecular Targets for Vector Paratransgenesis</td>
<td>Research</td>
<td>SR01AI066045-04</td>
<td>2/1/2011</td>
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<td>Lin, Henry Chia-nan</td>
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<td>Bacterial Overgrowth Associated with Chronic Multi-Symptom Illness Complex</td>
<td>Research</td>
<td>VAMC 20939/Lin</td>
<td>07/01/2008</td>
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<tr>
<td>Ma, Thomas Y.</td>
<td>VA Merit Review</td>
<td>Regulation of Intestinal Paracellular Permeability</td>
<td>Research</td>
<td>VAMC</td>
<td>07/01/2004</td>
<td>06/30/2012</td>
<td>150,000</td>
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<td>Ma, Thomas Y.</td>
<td>NIH/National Institutes of Health</td>
<td>TNF-a modulation of intestinal epithelial permeability.</td>
<td>Research</td>
<td>NIH</td>
<td>2009</td>
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<td>Ma, Thomas Y.</td>
<td>NIH/National Institutes of Health</td>
<td>IL-1b modulation of intestinal epithelial permeability</td>
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<td>NIH</td>
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<td>Ratliff, D.M</td>
<td>VA Cooperative Study No. 571</td>
<td>Drug-eluting Stents vs. Bare metal Stents in Saphenous Vein Graft Antioplasty</td>
<td>Research</td>
<td>DIVA, CSP #571</td>
<td>2010</td>
<td>present</td>
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<td>Ratliff, D.M</td>
<td>VA Cooperative Study No. 474</td>
<td>Comparison of Radial Artery Grafts vs. Saphenous Vein Grafts in Coronary Artery Bypass Surgery</td>
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**Department of Veterans Affairs Merit Program**

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ACADEMIC DIVISIONS
**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012**

**EDUCATION**
Dr. Craig Timm was named Senior Associate Dean for Education in February, 2012.

Dr. Mark Sheldon was accepted into the UNM Medical Education Scholars Program. Dr. Sheldon has also completed his first full year as fellowship training program director in cardiology.

Dr. Bart Cox has delivered a number of interactive lectures on the management of heart failure as part of Project ECHO-HF (TeleHealth).

**RESEARCH AND SCHOLARLY ACTIVITIES**
Dr. Laskey serves on the American Heart Association’s Get with the Guidelines Science Committee as well as the heart Failure Working Group. The combined manuscript output from the CAD and HF portions of the GWTG program was over 30 publications for 2012.

The Division and UNMH were again recipients of the AHA Gold Plus Award for its Heart Failure Program and outstanding compliance with performance metrics. Again UNMH was mentioned in the US News and World Report on institutions with high levels of performance and outcomes in cardiovascular disease.

Drs. Laskey and Dodendorf were speakers for the June 26, 2102 American Heart Association nationally-broadcast webinar entitled “Roadmap to the Target: Heart Failure Honor Roll.”

UNM’s program in advanced heart failure has received continuing certification from Joint Commission. Many individuals contribute to this effort are acknowledged here: Dr. Warren Laskey, Bart Cox, Mary Hawkins, Elaine Stack, Diane Dodendorf PhD, Sharilyn Woloschuk, Allison Burnett, Bonnie Richardson, James Effinger, Joe Anderson, Kristen Tarantino, Lorena Beeman, Lynette Gutierrez, Maria Goergen, Mela Chapman, Melissa Johnson, Paul Nelson, Philip Mercurio, Renee Donohoe, Roxroy Reid, Tiffany Montoya.

Dr. Gerald Charlton was awarded a new Investigator Grand from the VA to study “Impact of Project Scan-ECHO Telehealth Implementation and Patient Registries on Practice Patterns and HbA1c in Veterans

**FIGURE 2**

![Graph showing YTD actual and Prior YTD values for various departments.](image-url)
with Diabetes”

CLINICAL OPERATIONS
The division of cardiology continues to grow in several cost centers (see figure 1) and patient volumes (see figure 2).

Despite declining reimbursements in several key areas and a continuing adverse payor mix, the hard work of the full-time faculty has resulted in a meaningful revenue stream for the institution in FY12.

The division’s Project STEMI- the efficient management of patients with ST segment elevation MI- under the expert direction of Dr. Mark Ricciardi continues to achieve kudos for its regional and national reputation. The UNM program has been in the top 5 in the UHC database for each of the past 3 years - a remarkable accomplishment.

An important development in the division’s expansion of clinical services and access is embodied in the creation of the “UNM Cardiology West-Side Clinic”. Staffed by Dr. Robert DuBroff - an established practitioner in the Albuquerque region for over 20 years and now full time faculty in the division- and Dr. Abinash Achrekar, the West Side Clinic represents new opportunity for growth of clinical services in an area previously committed to other health care systems. The improved access for patients from points west, north and northwest of the city proper is reflected in the data in Figure 2. Specifically, the FY 12 growth in out-patient visits prior to the opening of the West Side Clinic was 108% and 125.7% subsequent to the opening.

COMMUNITY ACTIVITIES
Dr Laskey continues to serve as President of the New Mexico Chapter of the American Heart Association.

Dr Abinash Achrekar; has a monthly health and wellness column titled "The Good Doctor" in the Albuquerque Local IQ Magazine, which has distribution to over 300,000 people in the community. His column has been running since early 2008 and topics have ranged from How to find a primary care doctor to How to lower your cholesterol. This venue provides readers an open forum in which to ask health related questions to Dr. Achrekar a UNM faculty member.

ADMINISTRATION
Dr Gerald Charlton was named Director for VISN18 Project SCAN ECHO- a telehealth program within the VA.

Dr. Warren K Laskey continues to serve on the UNMH Board of Trustees.

HONORS AND AWARDS
The division/hospital was the recipient of Joint Commission’s certification for our program in advanced heart failure. As well, the division/hospital received a #1 rating from the AHA’s Get With the Guidelines Target: Heart Failure effort (see above).
SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

CLINICAL PROGRAM

- Planning is continuing for provider and support personnel staffing at the West Side Clinic
- Planning for the out-patient facility has been completed; architectural drawings signed-off; and preparations underway for the move from 5 ACC to Lands West within the next 12-18 months
- Continued growth of the clinical program is dependent on the number of faculty. The division is seeking institutional approval for an additional 3 FTE. This would allow us to not perform meaningful out-reach but station providers on the west side and to provide much relief for a tiring cath lab contingent of only 3 operators. The increase in personnel is vital to the division’s ability to provide extant, and expanded, services.

EDUCATIONAL PROGRAM
Continued emphasis in the division on the mentoring of junior faculty by senior faculty and mentoring of our fellows by all faculty. To this end, Dr Sheldon will be participating in Medical Education Scholarship Program (MES).

QUALITY AND OUTCOMES PROGRAM
- The division remains committed to its outcomes reporting for both coronary heart disease and heart failure. Despite the departures of key personnel in many aspects of both programs, the division has been actively recruiting replacements for Becky Mayo, Jennifer Mariani, Sen Nguyen, and Eleanor Miranda. The focus of our effort will be on quantifying and decreasing the risk of hospital re-admission within 30 days for our HF patients
- Participation in UNM’s renowned Project ECHO in the form of heart failure consultative services represents an exciting new dimension for our program. Dr Bart Cox and mid-levels Mary Hawkins and Elaine Stack will be leading that effort from our division. This area naturally overlaps with the division’s outreach efforts (see below)

APPOINTMENTS

FACULTY

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<td>Michael West, MD</td>
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STAFF
None

SEPARATIONS

FACULTY

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<td>Mel Peralta, MD</td>
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<td>Robert Taylor, MD</td>
<td>Associate Professor</td>
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STAFF
None
**Publications of the Division and Faculty**

Jonathan Abrams, M.D.
N/A

Abinash Achrekar, M.D.

Bina Ahmed, M.D.

Gerald Charlton, M.D.
N/A

Bart Cox, M.D.
N/A

Robert DuBroff, M.D.
N/A

Milton Icenogle, M.D.
N/A

Shmuel Inbar, M.D.

Warren Laskey, M.D.
1. Incidence and Predictors of 30-Day Hospital Readmission Rate Following Percutaneous Coronary Intervention (from the National Heart, Lung, and Blood Institute Dynamic Registry). Ricciardi MJ, Selzer F, Marroquin OC, Holper EM, Venkitachalam L, Williams DO, Kelsey SF, **Laskey WK**. Am J Cardiol. 2012 Jul 30. [Epub ahead of print]


Larry Osborn, M.D.
N/A

Veena Raizada, M.D.

D. Michelle Ratliff, M.D.
Mark Ricciardi, M.D.


Carlos Roldan, M.D.


Books


Book Chapters


Mark Sheldon, M.D.


T. Craig Timm, M.D


Wyatt Voyles, M.D.


Warren Laskey, M.D.

PROFESSIONAL AFFILIATIONS

- President of the New Mexico Chapter of the American Heart Association
- Special Government Employee, CDRH, FDA
- Abstract Reviewer, Annual Scientific Sessions, American College of Cardiology, Member
- Abstract Reviewer, Annual Scientific Sessions, American Heart Association, Member
- AHA Get With the Guidelines Quality Improvement Subcommittee, Member
- AHA GWTG Science Sub-Committee, Member
- 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

COMMUNITY OUTREACH

- President of the New Mexico Chapter of the American Heart Association

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

Veena Raizada, M.D.
N/A

D. Michelle Ratliff, M.D.
N/A

Mark Ricciardi, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL

- CME Update and Review of Internal Med 2011 - Acute Coronary Syndrome Rx: Taking It to the Next Level for General Practitioner, October 20, 2011

Carlos Roldan, M.D.
N/A

T. Craig Timm, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL

- 2012 Timm C (moderator), Moynahan K, Wolf K, May W, Anderson T Patient Safety and Quality Improvement Across the Medical Education Continuum,. Panel Discussion: WGEA/AAMC Regional Conference, 4/12 Asilomar CA, hosted by Keck USC SOM.
- 2011 Research in Medical Education Oral Presentations, Session Moderator: Craig Timm. The Question of Emotion in Medical School. AAMC National Meeting 11/11, Denver CO.
Wyatt Voyles, M.D.
N/A

Michael West, M.D.
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

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 AND PROFESSIONAL DEVELOPMENT

- The Division organizes an annual New Mexico Rheumatic Disease Conference in Santa Fe each year. The meeting in April 2012 attracted more than 60 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 restricted 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 (Bankhurst, Fields, Konstantinov, Sibbitt)
  - Genetics (Konstantinov)
  - Immunology (Bankhurst, Fields, Konstantinov, Sibbitt)
  - Transitions (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 previously 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, M.D., 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 Elizabeth Etherton, CNP, who is now fully trained as a specialist rheumatology provider.

**ADMINISTRATION**
- The Unit Administrator who has been in place for three years has transferred to the College of Pharmacy (see more information, below).

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

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

**CLINICAL OPERATIONS**
- We plan to continue our clinical activities at SRMC (Bankhurst, Fields, Sibbitt) and at the University. We hope to be able to achieve a new landmark for UNM subspecialty clinics of less than one week.

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

**ADMINISTRATION**
- The Division plans to add an additional CNP, Gladys Moore, to the group in November 2012, supported by UNMH funds.
- A new Unit Administrator with outstanding credentials will start in October 2012. We anticipate that the administrative activities will resume optimally by December 2012.

**APPOINTMENTS**

**FACULTY**

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<td>Roderick Fields, MD</td>
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**STAFF**
None

**SEPARATIONS**

**FACULTY**
None

**STAFF**
None
ARTICLE SIPS OF THE DIVISION AND FACULTY

Arthur Bankhurst, M.D.


Terry Duclos, M.D., Ph.D.
N/A

Roderick Fields, M.D.
N/A

Konstantin Konstantinov, M.D.
N/A

Wilmer Sibbitt, M.D.
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

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. 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.

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. Patti 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 2012

- 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, Christina Lovate and Corinn Sadler, provided excellent clinical care, as did our first year fellows, Hung Nguyen and Rina Patel-Trujillo. Drs. Lovato and Sadler presented abstracts at American Federation for Medical Research in Carmel, CA in January 2012.
- 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.
- All of the 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 2012.
- All fellows individually prepared and presented an abstract at the American Federation of Medical Research in Carmel, California in January 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 continues to be principal investigator for three 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 Project ECHO and 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.

- Our second year fellows, Hung Nguyen and Rina Patel-Trujillo will do both clinical and research rotations.
- Our new first year fellows, Kasra Navabi and Justin Jaghab will begin their Endocrine fellowships in July 2012. They will obtain clinical and research experience.

**APPOINTMENTS**

**FACULTY**

<table>
<thead>
<tr>
<th>Name</th>
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<th>Effective date</th>
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<tbody>
<tr>
<td>Matthew Bouchonville, M.D.</td>
<td>Ass’t Professor of Medicine</td>
<td>7/1/2011</td>
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**STAFF**

None.

**SEPARATIONS**

**FACULTY**

None.

**STAFF**

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<tr>
<th>Name</th>
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<tr>
<td>Lisa Toelle</td>
<td>Research Assistant</td>
<td>7/1/12</td>
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**PUBLICATIONS OF THE DIVISION AND FACULTY**

**Matthew Bouchonville, M.D.**


**Mark Burge, M.D.**


Kathleen Colleran, M.D.


Richard Dorin, M.D.


R. Eaton, M.D.
N/A

Patricia Kapsner, M.D.


David Schade, M.D.


Reina Villarea, M.D.
N/A
OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Matthew Bouchonville, M.D.

COMMUNITY OUTREACH
- Community Outreach – Endo – monthly 7/1/11-6/30/12

Mark Burge, M.D.

COMMUNITY OUTREACH
- Dr. Burge spent one week in Diabetes Camp for the American Diabetes Association.

PROFESSIONAL AFFILIATIONS
- Dr. Burge is a Councilor, Western Society for Clinical Investigation, 2008 to present.

Kathleen Colleran, M.D.

COMMUNITY OUTREACH
- Dr. Colleran spent one week in Diabetes Camp for the American Diabetes Association.
- Community Outreach – Endo – monthly 7/1/11-6/30/12
- Grand Rounds in Truth or Consequences, Hatch
- Family Medicine Seminar, Taos, NM
- Telluride Midwinter Conference, 2/3-5/2012, Telluride, NM

JOURNAL/EDITORIAL REVIEWER
- Associate Editor for the Journal of Investigative Medicine.

PROFESSIONAL AFFILIATIONS
- Member of the NM Diabetes Advisory committee

Richard Dorin, M.D.

COMMUNITY OUTREACH
- Community Outreach – Endo – monthly 7/1/11-6/30/12

R. Eaton, M.D.

COMMUNITY OUTREACH
- Community Outreach – Endo – monthly 7/1/11-6/30/12

Patricia Kapsner, M.D.

COMMUNITY OUTREACH
- Dr. Kapsner is a regular blood donor to the Albuquerque United Blood Services.

David Schade, M.D.

COMMUNITY OUTREACH
- Community Outreach – Endo – monthly 7/1/11-6/30/12

Reina Villareal, M.D.

COMMUNITY OUTREACH
- Community Outreach – Endo – monthly 7/1/11-6/30/12
### Outside Sponsored Research

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<td>Schade, David S.</td>
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<td>Schade, David S.</td>
<td>American Diabetes Association Inc</td>
<td>The Importance of Insulin Timing in Type 1 Diabetes</td>
<td>Research</td>
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<td>Schade, David S.</td>
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<td>17,933</td>
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</table>
Significant Developments During the Academic Year 2011-2012

The following highlights activities of the Division during the 2012 fiscal year.

Education
The Division of Epidemiology 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.

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 a contracts and grants portfolio totaling approximately 1.2 million dollars, excluding those grants managed by contracts and grants personnel in the Cancer Center and the New Mexico Tumor Registry. Grants awarded in the Cancer Center to Division Faculty total approximately 2.2 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 and Biostatistics.

Honors and Awards
Dr. Berwick was honored as a Distinguished Professor this year.

Significant Plans and Recommendations for the Near Future

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 in the “wet lab”, the Molecular Epidemiology Laboratory, or in the “dry lab”, working with Dr. Cook and SEER data.
To support that program they have submitted a training grant application and expect to submit more in the next fiscal year.

**RESEARCH AND SCHOLARLY ACTIVITIES**
Refinement of the organizational structure for cancer prevention and outreach is expected to take place the hiring of faculty in Molecular Epidemiology and Cancer Health Disparities. The Division expects to partner with others in the UNMHSC community to pursue grant funding in the area of health disparities.

**APPOINTMENTS**

**FACULTY**

<table>
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<tr>
<td>Herbert Davis, Ph.D.</td>
<td>Research Assistant Professor</td>
<td>2/1/2012</td>
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<td>(for Bioinformatics)</td>
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**STAFF**

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<tr>
<td>Connie Volker</td>
<td>Admin Assistant 3</td>
<td>3/14/2012</td>
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**SEPARATIONS**

**FACULTY**

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<tr>
<td>John Rushton</td>
<td>Research Assistant Professor</td>
<td>8/15/2012</td>
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**STAFF**

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<tr>
<td>Mark Fischer</td>
<td>HS Research Tech 2</td>
<td>6/29/2012</td>
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**PUBLICATIONS OF THE DIVISION AND FACULTY**

**Edward Bedrick, Ph.D.**


Marianne Berwick, Ph.D.


Linda Cook, Ph.D.


Kristina Flores, Ph.D.


Melissa Gonzales, Ph.D.

Deirdre Hill, Ph.D.

Richard Hoffman M.D., MPH

Huining Kang, Ph.D.

**Irena King, Ph.D.**


Sang-Joon Lee, Ph.D.


Julie Lovchik, Ph.D.


Li Luo, Ph.D.


Cristina Murray-Krezan, B.A., M.S.


Orrin Myers, Ph.D.


Heidi Roeber Rice, M.D.


Christine Stidley, Ph.D.

Charles Wiggins, Ph.D.


Janice Yager, Ph.D.


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Edward Bedrick, Ph.D.

JOURNAL/EDITORIAL REVIEWER
- Associate Editor, The American Statistician
- Associate Editor, Journal of Statistics

Marianne Berwick, Ph.D.

INVITED LECTURES: REGIONAL OR NATIONAL
Ad hoc reviewer or editorial consultant
- American Journal of Epidemiology
- Archives of Dermatology
- Archives of Internal Medicine
- British Journal of Dermatology
- British Medical Journal
- Cancer
- Cancer Causes and Control
- Cancer Epidemiology, Biomarkers and Prevention
- DNA Repair
- International Journal of Cancer
- Journal of the American Medical Association
- Journal of Investigative Dermatology
- Journal of the National Cancer Institute
- Melanoma Research
- Mutagenesis
- Photobiology and Photochemistry
- Pigment Cell and Melanoma Research

EDITORIAL BOARD
- Cancer Epidemiology, Biomarkers and Prevention – current
- Cancer – current
GRANT REVIEWER
• NCI Scientific Review Group Member – Subcommittee A – 2008 to 2013
• NIH – Innovator Awards - 2011

PROFESSIONAL AFFILIATIONS
• American Association for Cancer Research/Molecular Epidemiology Group
• Society for Epidemiologic Research
• American College of Epidemiology, Fellow
• American Society for Preventive Oncology
• American Society for Photobiology
• Society for Investigative Dermatology

Linda Cook, Ph.D.

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• American Journal of Epidemiology
• Archives of Pediatrics and Adolescent Medicine
• Cancer, Causes and Control
• Canadian Journal of Public Health
• Cancer Epidemiology, Biomarkers and Prevention
• Chronic Diseases in Canada
• Canadian Medical Association Journal
• Epidemiology
• European Journal of Cancer
• International Journal of Cancer
• International Journal of Epidemiology
• Journal of the American Medical Association
• Journal of the National Cancer Institute
• Alberta Cancer Foundation
• Canadian Institutes of Health Research (various grant review committees)
• British Columbia Workers Compensation Board
• British Columbia Health Research Foundation
• Randomized Controlled Trial Review Panel
• Reader’s Digest Health Books

GRANT REVIEWER
• Member, Career Catalyst Research Application, Pre-Application Review, Susan B. Komen for the Cure, Dallas, Texas.
• Member, Post-Baccalaureate Training in Disparities Research (PBT-DR) grant review panel, Susan B. Komen for the Cure, Dallas, Texas

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, Ph.D.

PROFESSIONAL AFFILIATIONS
• American Association for Cancer Research
Deirdre Hill, Ph.D.

JOURNAL/EDITORIAL REVIEWER
- Blood
- JAMA
- American Journal of Epidemiology
- Archives of Internal Medicine
- International Journal of Cancer
- Cancer
- Cancer Causes and Control
- Cancer Epidemiology Biomarkers Prevention
- BMC Cancer
- Molecular Carcinogenesis
- Obstetrics and Gynecology
- American Journal of Obstetrics/Gynecology
- Maturitas
- Journal of Clinical Oncology

PROFESSIONAL AFFILIATIONS
- Society for Epidemiologic Research
- American Association for Cancer Research
- Molecular Epidemiology Working Group, American Association for Cancer Research

Richard Hoffman M.D., MPH

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- ACP Journal Club
- American College of Physicians’ Education and Information Resource
- American College of Physicians MKSAP 16 Disorders of the Liver
- American College of Physicians MKSAP 16 General Internal Medicine
- American Journal of Pharmacy Benefits
- American Journal of Preventive Medicine
- Annals of Family Medicine
- Annals of Internal Medicine
- Archives of Internal Medicine
- Asian Journal of Andrology
- BMC Urology
- British Cancer Journal
- Cancer Causes and Control
- Cleveland Clinic Journal of Medicine
- Clinical Investigation
- Digestive Diseases and Science
- Ethnicity and Disease
- Expert Opinion on Biological Therapy
- Expert Review of Gastroenterology and Hepatology
- Health Services Research Journal
- Journal of Aging Research
- Journal of Clinical Epidemiology
- Journal of Clinical Outcomes Medicine
- Journal of General Internal Medicine
- Journal of the American Geriatrics Society
• Journal of the American Medical Association
• Journal of the National Cancer Institute
• Journal of Urology
• Medical Care
• Medical Letter
• Nature Clinical Practice Oncology
• New England Journal of Medicine
• Nutrition
• Preventive Medicine
• Prostate Cancer and Prostatic Diseases
• Spine
• UpToDate®
• Urologic Oncology

JOURNAL/EDITORIAL REVIEWER
• Associate Editor, American College of Physicians Journal Club
• Deputy Editor, Journal of General Internal Medicine
• Article Consultant, Interpretation of the Medical Literature Project, National Board of Medical Examiners

EDITORIAL BOARD
• Editorial Board, The Medical Round Table

PROFESSIONAL AFFILIATIONS
• American Urological Association (Affiliate)
• Western Society of Clinical Investigators
• Society of General Internal Medicine
• American College of Physicians

Huining Kang, Ph.D.

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

Sang-Joon Lee, Ph.D.

JOURNAL/EDITORIAL REVIEWER
• Peer View Institute for Medical Education

PROFESSIONAL AFFILIATIONS
• American Statistical Association (ASA)
• Institute of Mathematical Statistics (IMS)
• International Biometric Society, Eastern North American Region (ENAR)
• American Association for Cancer Research (AACR)

Li Luo, Ph.D.

PROFESSIONAL AFFILIATIONS
• American Statistical Association
• American Society of Human Genetics
Cristina Murray-Krezan, B.A., M.S.

PROFESSIONAL AFFILIATIONS
- American Statistical Association
- Society for Clinical Trials
- Western North American Region of the International Biometrics Society

Heidi Roeber Rice, M.D.

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
- Rocky Mountain Academy of Occupational and Environmental Medicine

Christine Stidley, Ph.D.

GRANT REVIEWER
- Special Emphasis Panel for PAR 10-283: Core Infrastructure and Methodological Research for Cancer Epidemiology Cohorts

PROFESSIONAL AFFILIATIONS
- American Statistical Association
- International Biometric Society
- Society for Epidemiologic Research

Charles Wiggins, Ph.D.

INVITED LECTURES: REGIONAL OR NATIONAL

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
## OUTSIDE SPONSORED RESEARCH

See UNM Cancer Center report for information on cancer-related the grants awarded to PIs within the Division

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<td>ARRA: Air Pollution, Systemic Inflammation, and Sub-Clinical Atherosclerosis in High-Altitude Children</td>
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GASTROENTEROLOGY AND HEPATOLOGY

ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012

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 2011-2012

During the past academic year (July 1, 2011 – June 30, 2012), 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 33 research publications and over $26.6 million dollars in total NIH, VA, and federal government supported research funding.

EDUCATION

For the tenth year in a row, top two 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 nine years to optimize the training and education experience of the G.I. fellows and rotating residents. During the past ten years, the total fellowship positions have been increased from 5 to 12 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 Club, Research Conferences, Clinical Case Conferences, Pathology Case Discussions, Multidisciplinary Pancreaticobiliary Diseases and Hepatocellular Carcinoma Conferences, 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 $26.6
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 33 publications from the Division during the academic year. Several faculty have international reputation in research and serve on key national research grant study sections. Dr. Ma served as a Chair of VA Merit Review Board and member of NIH study sections, Dr. Boedeker served as a member of NIH study section and Dr. Lin served on a NIH study section.

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.

**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 10th percentile based on clinical RVUs.

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

**HONORS AND AWARDS**

- Stellar Consultant Award given to Joseph M. Alcorn, MD 2011
- Stellar Consultant Award given to Michael W. Gavin, MD 2011
- Stellar Consultant Award given to L. Trent Taylor, MD 2011

**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. A top priority of the Division is to continue expansion of G.I. endoscopic service. Recently, Center for Digestive Diseases was opened, which provides state-of-the-art clinical care in digestive diseases. It is anticipated a new 12,000 sq. ft. research facility dedicated to G.I. research (Center for Digestive Diseases Research) will open in August 2012. An important goal will be to recruit new faculty members with international reputation in research.
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 six 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 2012-2013 academic years and beyond.

**APPOINTMENTS**

**FACULTY**

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<tr>
<td>Michael D. Gilles, MD</td>
<td>Assistant Professor of Medicine</td>
<td>7/1/2011</td>
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<td>Prashant Nighot, PhD</td>
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**STAFF**

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<td>Kelly Fitzpatrick-Cuoco</td>
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<td>Jesus Lopez</td>
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**SEPARATIONS**

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<td>Eric E. Stone, MD</td>
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<td>Monica Delgado-Vargas, PhD</td>
<td>Research Assistant Professor</td>
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<td>Dongmei Ye, PhD</td>
<td>Research Assistant Professor</td>
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**STAFF**

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<td>Sibtain Ahmed, PhD</td>
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PUBLICATIONS OF THE DIVISION AND FACULTY

Rana Al-Sadi, Ph.D.

Sanjeev Arora, M.D.

Edgar C. Boedeker, M.D.

I. Wyatt Byrd, Ph.D.

Shuhong Guo, Ph.D.
Henry C. Lin, M.D.

Thomas Y. Ma, M.D., Ph.D.
Arun V. Pillai, M.D.

Dongmei Ye, Ph.D.

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Joseph M. Alcorn, M.D.
AD HOC REVIEWER OR EDITORIAL CONSULTANT
- Veterans Administration Research Merit Review

JOURNAL/EDITORIAL REVIEWER
- American Journal of Gastroenterology
- American Journal of Physiology
- Digestive Diseases and Sciences
- Gastroenterology
- Hepatology
- Journal of Clinical Investigation
- Journal of Hepatology
- Laboratory Investigation

PROFESSIONAL AFFILIATIONS
- American Association for the Study of Liver Diseases
- American Gastroenterology Association

Sanjeev Arora, M.D.
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
- Greater Albuquerque Medical Association
- Practice Management Committee of American Society Gastrointestinal Endoscopy

Jehad Barakat, M.D.
JOURNAL/EDITORIAL REVIEWER
- Alimentary Pharmacology & Therapeutics Journal
- American Journal of Gastroenterology
- Digestive Diseases and Sciences
- Journal of the American College of Surgeons
PROFESSIONAL AFFILIATIONS
- American Gastroenterology Association
- American Society for Gastrointestinal Endoscopy

Edgar C. Boedeker, M.D.
JOURNAL/EDITORIAL REVIEWER
- 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

GRANT REVIEWER
- Canadian Foundation for Ileitis and Colitis, Grants Reviewer
- 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
- Annals of Internal Medicine, Reviewer
- Gastroenterology, Reviewer
- Infection and Immunology, Reviewer
- Journal Clinical Investigation, Reviewer
- Journal Pediatric Gastroenterology and Nutrition, Reviewer
- Reviews of Infectious Diseases, Reviewer

Michael W. Gavin, M.D.
PROFESSIONAL AFFILIATIONS
- American Gastroenterological Association
- American Society for Gastrointestinal Endoscopy
- Crohn’s & Colitis Foundation of America

Shuhong Guo, Ph.D.
PROFESSIONAL AFFILIATIONS
- American Gastroenterological Association
- American Physiological Society
- Society for Free Radical Biology and Medicine
- Society for Neuroscience
Martin G. Kistin, M.D.

PROFESSIONAL AFFILIATIONS

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

Kevin Kolendich, M.D.

PROFESSIONAL AFFILIATIONS

- Alpha Omega Alpha
- American College of Gastroenterology
- American Neurogastroenterology and Motility Society
- American Society for Gastrointestinal Endoscopy

Henry C. Lin, M.D.

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, Motility Section Editor and Board Member
- 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 Y. Ma, Ph.D., M.D.

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

GRANT REVIEWER

- Broad Medical Research Foundation
- NIH Study Section: Special Emphasis Panel U34 Grants
- NIH Study Section: Gastrointestinal Mucosal Pathobiology Section
- VA Merit Review Study Section: Ad-hoc Member, Gastroenterology Section
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 M. McCarthy, M.D.
JOURNAL/EDITORIAL REVIEWER
- Alimentary Pharmacology and Therapy
- American Journal of Gastroenterology
- Annals of Internal Medicine
- Clinical Gastroenterology and Hepatology
- Digestive Disease and Sciences
- 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, Ph.D.
AD HOC REVIEWER OR EDITORIAL CONSULTANT
- Avian Pathology

JOURNAL/EDITORIAL REVIEWER
- World Journal of Gastroenterology

Gulshan Parasher, M.D.
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

Arun V. Pillai, M.D.
PROFESSIONAL AFFILIATIONS
• American College of Gastroenterology
• American College of Physicians
• American Gastroenterological Association
• American Society for Gastrointestinal Endoscopy

Shazia Rafiq, M.D.
PROFESSIONAL AFFILIATIONS
• American College of Gastroenterology
• American College of Physicians
• American Society for Gastrointestinal Endoscopy
• Pakistan Medical and Dental Council

Eric E. Stone, M.D.
PROFESSIONAL AFFILIATIONS
• American College of Physicians
• American Gastroenterological Association
• American Medical Association
• American Society for Gastrointestinal Endoscopy

Robert Strickland, M.D.
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

Lance Taylor, M.D.
PROFESSIONAL AFFILIATIONS
• American Association for the Study of Liver Diseases
• American Gastroenterological Association
• American Society of Gastrointestinal Endoscopy
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

EDUCATION

- **GIM exceeded the GIM’s quota of educational hours by almost 100 hours.**

- **Health Equity curriculum**: As Bernalillo County’s public medical center, we care for many disadvantaged patients. As for the HSC, we in GIM take our mission to care for disenfranchised populations very seriously. We currently lead the country in how we train medical students to understand the impact of social determinants on ill health, i.e., income, education, environmental conditions as well as ethnicity. This is an active area of educational development in 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.

- **Continuation of Health Equity**: Introduction to Principles of Public Health Course. This 2 week 40 course is required for all matriculating Phase I students which introduces students to the impact of social determinants on health using community as classroom.

- **Continuation of Phase I Homeless Panel Discussion**/ (1 session) and Interviews with Homeless through community agencies serving homeless populations followed by reflection and debrief in Foundations of Clinical Practice.

- **Continuation of the inter-professional Post Discharge Home Visit Experience** required of all 3rd year medical students in the IM Clerkship. Focus is on effective discharge planning through interprofessional collaboration, health literacy and cultural diversity.

- **Continuation of Street Medicine Elective** – collaborative undertaking between HSC (CON, COP, SOM) and community homeless health clinics/respite shelters and street outreach teams (e.g. HCH, Barrett House) to give senior students “hands on” experience in street medicine and shelter care.

- **Revising existing 4th year Ambulatory Care Rotation requirement** for all Phase III students to better reflect principles of social justice and advocacy. This has been an extremely ambitious effort and is solidly collaborative among multiple disciplines within and outside of HSC including ALBQ police dept. and UNM law school. New piloted seminars include Public Health Law, Communication in the Trenches, Social Determinants of Health and Global Health.

- **Invited presentations at national and international conferences.** Sept 2011 Grand Round series, "Social Determinants of Health"

- **Addiction**: Dr Simson is a professor and consultant for the Southwest Institute for the Advancement of Psychotherapy (SIAP). SIAP created a Masters of Psychopharmacology which is credentialed through the New Mexico State University in Las Cruces. Dr Simson created an addiction curriculum specifically for the clinical psychologists who are working towards prescriptive authority and he delivered a weekend of lectures to these students in August. Dr. Simson also is a physician volunteer on the New Mexico Medical Cannabis Advisory Board which holds public hearings twice a year. Dr. Simson taught 16 hour block on Addiction Medicine August 18-19 at NMSU, Las Cruces in the Masters of Psychopharmacology Curriculum.
• **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 6 residents. The Primary Care Residency track started last year also continues to grow.

• **CME – Success of the Advances in Primary Care.**

**DIVERSITY**

• Edward Fancovic M.D. 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's role will include assessment of current workplace and educational climate for LGBT faculty, residents, students and employees; development of internal support mechanisms for this community within the HSC; outreach and networking to the larger LGBT community within UNM and Albuquerque; and examination/development of LGBT-related curriculum for the education of health care providers.

**RESEARCH AND SCHOLARLY ACTIVITIES**

**Clinical Trials**

1. HRRC 10-537: Aleglitazar is closed to enrollment (2 pts)
2. HRRC 11-629 Ranolazine in drug naive diabetics (1 patient on study, still enrolling)
3. HRRC 12-358 Ranolazine in diabetic subjects on metformin but with HgbA1c between 7-10; Site visit is complete, HRRC just approved study, were are waiting to enroll patients
4. Takada 875-306 CV study in diabetes; site selection done and we have been approved. We are submitting forms to HRRC now. We need to get HRRC approval before we can enter patients
5. Novartis CACZ885M2301: We have had the site selection and are waiting to hear if we were selected. This is a study in patients with current and recent past ACS.
6. BBHI: Drs. Rosenberg and Shah: This is a CTSC grant to study 10 patients with diabetes combining the MRI and MMP studies from Dr. Rosenberg's lab with the epigenetics and proteomics data from Dr. Shah's lab. We have selected the 10 subjects and this pilot study, if it is able to show markers in diabetics with elevated hsCRP levels for vascular changes seen in vascular cognitive impairment, will be used to submit for and RO-1 Grant from the NIH.

**Education Grants**

1. 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
2. SEAC — awarded 9-11- purpose: to integrate GIS mapping into Health Equity: Introduction to PH course
3. Weil Foundation – received another 30K in award for the continuation of the IMR track.
4. HRSA-applied in collaboration with MPH program 4-12- purpose: to create a longitudinal inter-professional community assessment project for medical and MPH students—pending
5. HRSA – applied in collaboration with the Preventive Medicine program to integrate Integrative Medicine education into the existing PMR curriculum – submitted July 2012 – pending.
Other grants
1. Participated as a consultant on the CTSC funded research project on meditation in post-herpetic neuralgia – resulted in two poster presentations at national and international meetings
2. Submitted two proposals – One to ACS with Marianne Berwick and Jennifer Hay - "Using genomics to address disparities in Hispanics' skin cancer awareness", and the second to NIH Pain Consortium via Altarum Institute/Palladian Partners in collaboration with CON for a P20 Center Grant, with a focus on pain management.
3. “Integrative Medicine in Residence (IMR): An Innovative Special Interest Track at the University of New Mexico”, Arti Prasad, MD, Robert Leverence, MD, poster presented at the Society of General Internal Medicine Annual Meeting, May 4-7, 2011, Phoenix, AZ

CLINICAL OPERATIONS

- **GIM productivity** - 6% higher than the last year (95.41% as compared to 87%).
- **Successful recruitment efforts** for the NEH mid-level position, west side IM physician #1, two faculty recruitment for the new SWM Clinic

Primary Care and PCMH (Patient Centered Medical Home)

- Working in a public medical center has its challenges but also opportunities. Caring for people of diverse backgrounds and at times desperate circumstances keeps us grounded in the need to not only treat all individuals compassionately but also safely and efficiently. It is now recognized that new systems of care utilizing new technologies, new administrative structures for decision-making and new team-based approaches have tremendous potential to revolutionize how we care for people. Barbara Flores who was one of the major directors of the entire PCMH program has retired.
- We have a new Outpatient Consent Form that is much improved and easily understood by patients. It is written in English, Spanish and Vietnamese. It is available on line in Power Forms.
- Patient Portal goes live by the end of September. Patients will have the ability to access their clinical notes, labs and some procedures. Patient messaging to the provider will NOT be turned on initially but will be soon. We will need to establish "pools" within each clinic to help manage the incoming messages, to triage and disseminate the messages to the appropriate party. LoboCare and NEH will be the pilot sites.
- “Pools”: we will have three sets of "pools" in each primary care office: RX refills, Closing the referral gap, and the Patient Portal messaging. There was a week-long LEAN session to help define what the pools responsibility will be and how to establish the pools in each office. This has been beta tested at LoboCare and 1209 and it seems to work. The pool for closing the referrals at 1209 takes a lot of on hands time, about 0.6 FTE. It is not an automated process. Beth Fingado's group is developing a "dashboard" for the PCMH that looks incredibly good showing improvement in our clinic targets (etc., HgbA1c) and decreasing hospitalizations and ER visits. This will be available soon.
- **NCQA recognition** was obtained last year and we have Level 1 recognition. We are preparing ourselves for the level 2 recognition.
- **Center for Excellence for Rheumatological Care at the West Side:** Two years ago Dr. Madhu Arora recognized that patients at the UNM West Side clinic had long waits of greater than 6 months for Rheumatology consultation. She took the initiative to gain expertise in Rheumatology and now participates weekly in the Rheumatology ECHO program, wherein she presents and co-manages complicated rheumatological cases with the division chief of Rheumatology. In doing so she makes rheumatological care available to patients who live on the West Side of Albuquerque and Rio Rancho. After 2 years of attending the Rheumatology ECHO clinics and taking the Advanced Rheumatology Course Examination offered by the American College of Rheumatology in January of 2012, the UNM West Side Clinic was designated as a center for excellence for Rheumatological care and Dr. Arora got
the additional designation by the American College of Rheumatology of being a Junior Rheumatologist. This designation has permanently expanded care for this specialty in the West Side.

- **Pharmacist-Clinicians in the PCMH**: Implementing a pharmacist clinician directed refill clinic in Primary Care: GIM developed a process for pharmacist clinicians to facilitate prescription refills of chronic medications. This process was intended to increase the efficiency of the refill process and decrease medical provider workload in processing refill requests. The refill clinic was also designed to decrease the turnaround time from the initial request from the patient or pharmacy to patient being able to obtain their medication refill at the pharmacy. Pharmacist clinicians in New Mexico are in a unique position to assist with refilling chronic medications given their ability to prescribe under protocol.

- **New Community based SWM Clinic**: GIM was able to develop a business plan for the move of the GMC to the community. GIM was also able to receive additional UCP funds to hire a couple of new faculty for the same clinic. As of July 2012, the GMC moved and two additional faculty members were hired. Dr. Jenny Jernigan moved her practice from 1209 clinic to SWM to assume the Medical Director’s position.

- **AAMC Faculty Forward** results for 2011 show GIM faculty having 100% satisfaction in DOIM and in their jobs as compared to other clinical divisions and departments.

**HONORS AND AWARDS**

- **Dana Fotieo, M.D.** Invited ACP Fellowship Effective 9/1/2012
- **Arti Prasad, MD.** Vision 2020 NM Delegate, Equality in Sight, Drexel University
- **George Comerci, MD.** Selected to develop a Non-Interventional Pain curriculum for AAPM
- **Cynthia Arndell, M.D.** Nominated for ACP Fellow -9-12
- **Julie Broyles, M.D.** – Phase II Teaching Recognition

**ADMINISTRATION**

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<tr>
<th>Robert Fritch, M.D.</th>
<th>CMO UNM Medical Group</th>
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<tbody>
<tr>
<td>George Comerci, M.D.</td>
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<td>Medical Director for USA Track &amp; Field Indoor Championships</td>
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| Jennifer Jernigan, MD | Medical Director of SW Mesa Clinic |
INTEGRATIVE MEDICINE

It has been a busy and productive year for SIM and Center for Life as we've pursued the multiple aspects of our mission. CFL was selected as one of the top 29 integrative medicine centers in the country. The other highlights are:

EDUCATION
Professional education
- Increased the number of 4th-year medical students from four (4) during FY11 to five (5) during FY12
- Increased the number of graduate medical residents from seven (7) during FY11 to eight (8) during FY12
- No licensed Doctors of Oriental Medicine participated in the observational internship, which is a decrease from two (2) in FY11.
- Increased the number of Licensed Massage Therapists participating in the observational internship from one (1) during FY11 to two (2) during FY12.

Patient education
- 107 people participated in L&L Lectures; total of 9 hours
- 85 people participated in CFL Workshops in FY12; total of 45.50 workshop hours and an average workshop satisfaction rating of 4.91
- 242 people participated in CFL classes in FY12; total of 79 class hours
- 187 people participated in the Mindfulness courses in FY12; total of 152 course hours

RESEARCH AND SCHOLARLY ACTIVITIES
- The Section of Integrative Medicine has been awarded for FY13 a $25,000 grant from the Weil Foundation, Creating a Holistic Internist for the 21st Century: Integrative Medicine in Residency at UNMHSC.

CLINICAL OPERATIONS
- The Center for Life’s total number of patient visits during FY12 was 10,016, approximately the same as FY11.
- Center for Life generated $2,214,155 in clinical charges during FY12 a 16% increase from FY11.
- A full time physician position was in the FY12 budget; multiple interviews were conducted; and the position offered to one of the candidates. Unfortunately, salary has been an issue and the position remains vacant.

COMMUNITY ACTIVITIES
- Community Service: Center for Life participated in ninety-one (91) community outreach events (227 hours) in FY12 and reached 3,204 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, which will include:
- Physician – 2.0 FTE clinical time
- Doctor of Oriental Medicine – 1.0 FTE clinical time
- Doctor of Chiropractic Medicine – 1.0 FTE clinical time
- Licensed Massage Therapist – 1.0 FTE clinical time
SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION

- **Primary Care Curriculum**: GIM Faculty will continue their very active role in medical education. We are begun an Ambulatory Care component in our IM Clerkship. Currently there are only VA sub-specialties that are participating in it and no UNM primary care. We had 16 students in the first block. We will journey through our third year of the new Integrative Medicine and Primary Care Residency tracks and perhaps be able to include integrative medicine education into the PMR.

- **Health Equity SOM curriculum**
  Continue implementing and revising above initiatives.
  Develop and pilot 4th year electives related to comprehensive care of underserved populations; includes Undocumented Immigrants, Prison Health and High Risk Women and Adolescent Health rotations.
  Under the guidance of PEAR office, continue to develop robust evaluation tools
  Continue to disseminate scholarly work through national and international presentation and publishing

RESEARCH AND SCHOLARLY ACTIVITIES

- NIH 8-2012 study with Cheryl Aine (Mind Institute) on cognitive changes associated with statin use. The grant has been submitted and we are waiting to hear whether it is accepted and funded.
- GRADE Study with Dr. Dave Schade. We just received information on 9/14/12 that the grant has been approved and funded but the funding has been decreased from what was budgeted. We are waiting to see how this will affect our part of the study.
- Potential studies: Pfizer Phase IIb study of PCSK9 in patients with hyperlipidemia. We are waiting to hear if we have been selected for this trial.
- **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
- Develop a performance plan for the medical directors based on productivity, efficiency, quality and patient satisfaction
- 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

- Electronic Medical Records and Health Information System: Dr. Philip Kroth serves as the Associate CMIO, University Hospitals. The PCMH/EMR committee will be developing a number of evidence-based guidelines that will be either on the M-pages or on a separate page to be created by IT and Phil Kroth as a “reference page” with links to medical management/guidelines for chronic diseases.

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>2012</td>
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<td>Jennifer Jernigan, MD</td>
<td>Medical Director of SW Mesa Clinic</td>
<td>7/1/2012</td>
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**STAFF**

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<tr>
<td>Mimi Kessinger</td>
<td>PAC Administrative Asst. II</td>
<td>11/10/2011</td>
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<td>Tammi Berry</td>
<td>CNP</td>
<td>9/10/2011</td>
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<td>Whitney Schluter</td>
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<td>Diane Noya</td>
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**SEPARATIONS**

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<td>Professor</td>
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<td>Ellen Cosgrove, M.D.</td>
<td>Professor</td>
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<tr>
<td>Jennifer Trujillo</td>
<td>Administrative Asst. II</td>
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**PUBLICATIONS OF THE DIVISION AND FACULTY**

**William Abeyta, M.D.**

N/A

**Allen Adolphe, M.D., Ph.D.**


**Mara Archambault, M.D.**

N/A

**Cynthia Arndell, M.D.**

N/A

**Madhu Arora, M.D.**

N/A

**Jennifer Benson, M.D.**

N/A
Jessica Bigney, M.D.
N/A

Julie Broyles, M.D.
N/A

Amandeep Chadha, M.D.
N/A

George Comerci, M.D.
N/A

Kevin Edwards, M.D.
N/A

Edward Fancovic, M.D.
N/A

Dana Fotieo, M.D.


Gregory Fotieo, M.D.
N/A

Robert Fritch, D.O.
N/A

Ann Gateley, M.D.
N/A

David V. Gonzales, M.D.
N/A

Frederick Hashimoto, M.D.
N/A

Cynthia Heins, M.D.
N/A

Jennifer Jernigan, M.D.


Margaret Lieberman, M.D.
N/A
OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

William Abeyta, M.D.
N/A

Allen Adolphe, M.D., Ph.D.
N/A

Mara Archambault, M.D.
N/A

Cynthia Arndell, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL


**COMMUNITY OUTREACH**

• Board Member- Good Shepherd Agency for Homeless Men and Rehabilitation Program

• Board Member- Saranam Program for Homeless Families

• NM Youth Alliance member

• Faculty Advisor and volunteer for medical student homeless outreach clinics

**PROFESSIONAL AFFILIATIONS**

• HSC Executive Deans Committee member

• SOM Curriculum Committee member

• UNM Faculty Senate Committee member

**Madhu Arora, M.D.**
N/A

**Jennifer Benson, M.D.**
N/A

**Julie Broyles, M.D.**
N/A

**Amandeep Chadha, M.D.**
N/A

**George Comerci, M.D.**

**JOURNAL/EDITORIAL REVIEWER**

• The Language of Pain: Finding Words, Compassion and Relief-Reviewed by George D. Comerci, MD, FACP, The Pharos/Autumn 2011, Pg. 48-49.

**Kevin Edwards, M.D.**
N/A

**Edward Fancovic, M.D.**

**INVITED LECTURES: REGIONAL OR NATIONAL**

• HIV in New Mexico presentation to NMPower (an ABQ-based group of gay/bisexual men age 18-29)

• Alibi interview on LGBT health: http://alibi.com/news/41824/Were-Both-Dad.html

**Dana Fotieo, M.D.**

**COMMUNITY OUTREACH**

• Double Eagle Elementary PTA, 5/09- 5/11, President

• Hospitality Committee Desert Ridge Middle School, 8/11-present, co-chair
Gregory Fotieo, M.D.
N/A

Robert Fritch, D.O.

PROFESSIONAL AFFILIATIONS
• Volunteer Medical Consultation for uninsured Albuquerque Asian population.
• Circuit rider for Practical Immersion Experience Medical Students. Served as the faculty evaluator for two students in northern NM.
• Narrative Strand Mentor. Served as the faculty mentor for a second year medical student in this regard the past summer.
• Volunteer at East Central Ministries and Albuquerque Opportunity Center

Ann Gateley, M.D.
N/A

David V. Gonzales, M.D.
N/A

Frederick Hashimoto, M.D.
N/A

Cynthia Heins, M.D.
N/A

Jennifer Jernigan, M.D.

PROFESSIONAL AFFILIATIONS
• American College of Physicians
• Society of General Internal Medicine
• Association of Program Directors in Internal Medicine

Margaret Lieberman, M.D.
N/A

Melissa Martinez, M.D.

EDITORIAL BOARD
• Editor for the Newsletter of the New Mexico Chapter of the American Academy of Family Physicians,
Delegate to the American Academy of Family Physicians Congress of Delegates

PROFESSIONAL AFFILIATIONS
• Co-Chair of the Immunizations committee which is part of the Clinical Improvement Intuitive of the Department of Health and the New Mexico Medical Society

Ann Morrison, M.D.

PROFESSIONAL AFFILIATIONS
• American College of Physicians – American Society of Internal Medicine
• Society of General Internal Medicine
• American Academy on Communication in Healthcare
Arti Prasad, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
- “Integrative Medicine in Residence (IMR): An Innovative Special Interest Track at the University of New Mexico”, Arti Prasad, MD, Robert Leverence, MD, poster presented at the Society of General Internal Medicine Annual Meeting, May 4-7, 2011, Phoenix, AZ
- “Comparison of Usual Care Alone with Usual Care Plus Meditation in Adults with Post-Herpetic Neuralgia (PHN), Robin Meize-Grochowski, Arti Prasad, Ron Schrader, Christine Murray-Krezan, Michelle DuVal, Bruce W. Smith, Carla J. Herman, presented at the Council for the Advancement of Nursing (CANS) conference in Washington, D.C., October 19th, 2011
- “Meditation in Older Adults with Postherpetic Neuralgia (PHN); Robin Meize-Grochowski, RN, PhD, Arti Prasad, MD, Ron Schrader, PhD, Michelle DuVal, MA, Bruce W. Smith, PhD, Carla J. Herman, MD, MPH; will be presented at the 2012 International Research Congress in Integrative Medicine & Health in Portland, OR, May 15-18, 2012

COMMUNITY OUTREACH
- Board Member – Medical Advisory Board of the Cancer Services of NM

PROFESSIONAL AFFILIATIONS
- American College of Physicians
- Society of General Internal Medicine
- ACLGIM
- Society of Integrative Oncology
- American Association of Physicians of India (AAPI)
- Consortium of Academic Health Centers for Integrative Medicine
- Vision 2020, Equality in Sight

J. Mitchell Simson, M.D.

N/A

Carolyn Voss, M.D.

N/A

Bronwyn Wilson, M.D., MPH

N/A

Ellen Yee, M.D., MPH

N/A
### OUTSIDE SPONSORED RESEARCH

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EDUCATION
Dr. Lisa Marr is appointed as the Fellowship Director for our newly accredited ACGCME Palliative Medicine Fellowship. Our first fellow began July 2012.

Dr. Lisa Marr was a keynote speaker at the March 2012 Whole Person Care National Symposium in Sydney Australia.

Dr. Judith Kitzes continues as Director of Special Projects including Medical Educators Scholars Program (MES), the SEAC medical education research program, and Academic Support in undergraduate medical education.

Dr. Carla Herman has continued her funding through UC Irvine to improve teaching of Motivational Interviewing with geriatric patients and caregivers. She continues as PI for the Donald W. Reynolds Next Steps grant on improving interprofessional geriatric education.

Drs. Devon Neale and Lisa Marr direct bimonthly Palliative Care ECHO Clinics.

Dr. Janice Knoefel directs the bimonthly Dementia Care ECHO Clinic in collaboration with the NM Alzheimer’s Association.

RESEARCH AND SCHOLARLY ACTIVITIES
Dr. Janice Knoefel remains the co-investigator on a NIH-funded grant focused on Imaging and the Development of Memory Strategies in Aging.

Dr. Carla Herman is a regular reviewer for Medical Technologies that Reduce Health Disparity, NIBIB, NIH.

Dr. Dennis Villareal is PI of NIH grant R01AG11376 on weight loss and exercise in obese elderly and Co-I of VA Merit grant CX000424 on pharmacogenetics of response to testosterone therapy. He 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 Chairperson of the Research and Development Committee of the NMVAHCS and board of directors of BRINM.

CLINICAL OPERATIONS
Dr. David Hemphill was appointed Medical Director for Heritage Hospice.

Dr. Sandra Qaseem serves as Medical Director of Alliance Home Health and leads the Home Visit Program.

Dr. Donna Jean Parker is Director of the Home Based Primary Care Program at the VA.

Dr. Carla Herman serves on the Medical Advisory Committee for Amerigroup Community Care, Albuquerque.

Dr. April Volk is Director of the Palliative Care Program at the VA

Dr. Ivan Correa is Director of the Community Living Center at the VA
COMMUNITY ACTIVITIES
Drs. Janice Knoefel and Carla Herman serve on the NM Taskforce to develop the New Mexico State Plan for Alzheimer’s Disease.

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.

HONORS AND AWARDS
Dr. Villareal was speaker at Geriatric Medicine Grand Rounds at University of Colorado, Denver, FNIH-NIA-FDA Sarcopenia Consensus Summit in Baltimore, IANA Meeting in ABQ, GRECC meeting in Little Rock, AR, and Biology of Aging Joint AAG, GSA, and AFAR meeting in Boston, MA.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
The Palliative Medicine Fellowship will expand to 2 fellows in July 2013.

RESEARCH AND SCHOLARLY ACTIVITIES
Drs. Lisa Marr and Esme Finlay have developed a research collaboration with Holly Prigerson “Coping with Cancer II”, National Cancer Institute, 2012-2013.

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 2013, 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 establishment of a 30-bed nursing home separate from the VA Medical Center. Also a new research building will be erected as part of the Center for Cellular and Molecular Medicine, which will include ~1000 sq feet of research lab for basic research (Dr. Villareal).

APPOINTMENTS

FACULTY

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<td>Ivan Correa, MD</td>
<td>VAMC Acting Medical Director Community Living Center.</td>
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<td>Assistant Professor of Medicine.</td>
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STAFF
None

SEPARATIONS

FACULTY

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<td>Jeremiah Kelly, MD</td>
<td>Professor of Medicine</td>
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STAFF
None
Janice Knoefel, M.D., MPH

Lisa Marr, M.D.

Devon Neale, M.D.

Dennis Villareal, M.D.
OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Carla Herman, M.D., MPH

JOURNAL/EDITORIAL REVIEWER
• Annals of Internal Medicine, 1992 - ongoing
• Journal of the American Geriatrics Society, 1995- ongoing
• Editor for Healthwise

COMMUNITY OUTREACH
• Board Member, Great West American Cancer Society

Dennis Villareal, M.D.

EDITORIAL BOARD
• International Journal of Osteoporosis and Metabolic Disorders (2006-)
• Journal of Nutrition in Geriatrics and Gerontology (2008-present)

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Alzheimer’s Disease and Related Disorders
• American Journal of Physiology, Endocrinology & Metabolism
• American Journal of Clinical Nutrition
• Annals of Internal Medicine
• Archives of Internal Medicine
• Calcified Tissue International
• Clinical Nutrition
• Diabetes
• Journal of Clinical Endocrinology & Metabolism
• Journal of Gerontology: Biologic and Medical Science
• Journal of the American Geriatrics Society
• Obesity Research
• Treatments in Endocrinology
## Outside Sponsored Research

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129
Richard Lauer, MD  
Professor of Medicine  
Interim Chief, Division of Hematology/Oncology

**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012**

**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. Rabinowitz and more recently Dr. Fekrazad), the Tuesday afternoon UNM-wide ACOS-required Tumor Board (led by Drs. Mangalik and 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 FY2011/12, 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 this year. Dr. Julie Bauman and Dr. Robert Francis in 8/2012. Dr. Sampath will be leaving in 10/2012. We did hire Dr. David Lee as Radiation Oncologists.

Dr. 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 2011/12 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.

There are 8 multi-disciplinary clinics at the UNM Cancer Center. These are in breast (led by Dr. Royce), lung (led by Dr. Bauman), 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. Lee, Aerodigestive Tumors, led by Dr. Bauman, Breast Cancer led by Dr. Royce, Radiation Oncology led by Dr. Schroeder, Experimental Therapeutic led by Dr. Shaheen, and Genitourinary Cancer led by Dr. Lauer.

**ADMINISTRATION**

Dr. Ian Rabinowitz continues to serve as UNM Cancer Center Out-Patient Clinical Director. Dr. 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. Royce is the Director of the Clinical Trials Office, the administrative office that organizes clinical oncology research. Dr. Bauman chairs the Protocol Review Committee of the UNM Cancer Center, which reviews all UNM oncology clinical protocols for scientific merit and feasibility. Dr. 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. Royce is the Medical Director of the New Mexico Cancer Care Alliance, which brings cutting edge clinical trials to the community.

Dr. 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**

Last year clinical research was designated as an area for improvement. That area has been markedly expanded, as described above. With the institution of the Clinical Research Committee to streamline and prioritize all clinical oncology research, and the recruitment of new clinical investigators, there was a marked increase in accruals to protocols, and in clinical publications. However, since the departure of key faculty the research effort has had to be adjusted.
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 and recruitment of an experimental therapeutics researcher who can maintain and build this program has been unsuccessful.

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 goal for this coming year is the recruitment of a chief of the division. This process is already ongoing and a number of candidates were identified. To date we have been unsuccessful in recruiting a chief. This will afford the division stability and direction. The hiring of faculty to replace the clinical faculty who have left is also underway and a number of recruits have already been identified.

**ADMINISTRATION**
The major goal for this next year is to completely integrate the new UN Cancer Center clinic building with the outreach clinics at Lovelace downtown, and Las Cruces, and the new faculty and electronic medical record. 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.

**APPOINTMENTS**

**FACULTY**

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**SEPARATIONS**

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<td>Dr. Sagus Sampath</td>
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<td>Daphne Tritle</td>
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PUBLICATIONS OF THE DIVISION AND FACULTY

William Adler, M.D.
N/A

Julie Bauman, M.D.

Zoneddy Dayao, M.D.

M. Houman Fekrazad, M.D.
1. Anaplastic large cell-lymphoma associated with breast implants. World J of Plastic Surgery. (accepted for publication in 2011)

Esme Finlay, M.D.
N/A

Robert Francis, M.D.
N/A

David Garcia, M.D.


11. Lopes RD, Garcia DA. “In people with atrial fibrillation unsuitable for warfarin, apixaban reduces the risk of stroke compared with aspirin, with no difference in major bleeding.” Evid Based Med. 2011 Dec;16(6):187-8


Richard Lauer, M.D.

Fa-Chyi Lee, M.D.

Benny Liem, M.D.
N/A

Aroop Mangalik, M.D.
N/A

Yoshihiro Matsumoto, Ph.D.
N/A

Elizabeth McGuire, M.D.
N/A
Yehuda Patt M.D.
N/A

Dulcinea Quintana, M.D.

Ian Rabinowitz, M.D.

Melanie Royce, M.D., Ph.D.

John Saiki, M.D.
1. Saiki, JH. Lessons from My Patients about Living with a Serious Illness, Medical Muse; Vol.16, No.1: Spring 2011

Annahita Sallmyr, Ph.D.
N/A

Sagus Sampath, M.D.

Thomas Schroeder, M.D.
N/A

Montaser Shaheen, M.D.
N/A

Amy Tarnower, M.D.
N/A
Alan Tomkinson, Ph.D.


Hui Yang, Ph.D.
N/A

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

William Adler, M.D.
- (Founding member, Breast Tumor Working Group 2011-present) Memorial Medical Center, Las Cruces, NM. Monthly prospective breast cancer case reviews with radiology, surgery and pathology

Julie Bauman, M.D.
National Cancer Institute
- Eastern Cooperative Oncology Group, Head and Neck Core Committee (2008 - present)
- Recurrent/Metastatic Task Force, NCI Head and Neck Cancer Steering Committee (2011 – present)
- Chair, HPV/Immunotherapy Subcommittee

Zoneddy Dayao, M.D.
N/A

M. Houman Fekrazad, M.D.
N/A

Esme Finlay, M.D.
- Ad-hoc Reviewer: Journal of Clinical Oncology (2012- present)
- Chair Oncology Special Interest Group (SIG), American Academy of Hospice and Palliative Medicine; Oversee SIG activities, and select and review SIG presentations for annual meetings (2012-2013)
- Chair-elect Oncology SIG, American Academy of Hospice and Palliative Medicine; Participated in leadership activities for SIG including review of SIG presentations for annual meetings (2011-2012)

Robert Francis, M.D.
N/A
David Garcia, M.D.
N/A

Richard Lauer, M.D.
N/A

Fa-Chyi Lee, M.D.
• Physician Reviewer: New Mexico Medical Review Association

Benny Liem, M.D.
N/A

Aroop Mangalik, M.D.
N/A

Yoshihiro Matsumoto, Ph.D.
N/A

Elizabeth McGuire, M.D.
N/A

Yehuda Patt, M.D.
N/A

Dulcinea Quintana, M.D.
N/A

Ian Rabinowitz, M.D.
AD HOC REVIEWER
• American Journal of Hematology
• Annals of Oncology
• Internet Journal of Oncology

Melanie Royce, M.D., Ph.D.
• 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), March 2009 – present
• 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

John Saiki, M.D.
N/A

Annahita Sallmyr, Ph.D.
N/A

Sagus Sampath, M.D.
N/A
Thomas Schroeder, M.D.
N/A

Montaser Shaheen, M.D.
N/A

Amy Tarnower, M.D.
N/A

Alan Tomkinson, Ph.D.
N/A

Hui Yang, Ph.D.
N/A
## Outside Sponsored Research

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HOSPITAL MEDICINE

ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012

Kendall Rogers, MD
Associate Professor of Medicine
Chief, Division of Hospital Medicine

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

This has been a challenging first year as a Division of Hospital Medicine. We have dealt with continued short staffing and the additional burden of hiring and planning for the development of a new section of hospital medicine with 10 faculty at SRMC which successfully opened at the end of the year. Even with these challenges we have continued to be actively involved in process improvement projects and educational activities.

EDUCATION

- The Division continues to provide significant levels of medical student and resident education. This includes tutorials, Phase 2 lecture series, BATCAVE simulation training. We have continued our work in BATCAVE simulation training
- 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.
- Phase 2 lecture series and tutorials
- 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.

RESEARCH AND SCHOLARLY ACTIVITIES

- Increased number of submissions and acceptances over the past 3 year average: 1) Our IRB approved Projects increased by 68% 2) The number of National meeting abstracts doubled and 3) We had 3 manuscripts published. In the past, our average was only 1.
- We have instituted a monthly research mentorship meeting where faculty can come to propose and seek feedback and advice on projects. This also allows members to hear what others are working on and promotes the importance of these activities in the division.
- We have had a number of chapters and a textbook submitted for this year, as well as Cochrane reviews.

CLINICAL OPERATIONS

- We lost our mid-level who was leading our discharge clinic and this position has not been replaced as of now. This is a challenge in assuring safe and quick follow-up for our patients.
- We have again reached new peaks to our census levels and have had to find ways to accommodate, especially in the face of short staffing. We have developed action plans and models for these extreme patient censuses that include additional patient loads for attendings on resident services, non-resident services, and a backup call process. We continue to try to have sufficient staffing to respond to these acute needs.
- Due to short staffing each of our hospitalists has been taking significant additional work to ensure coverage of all teams. While this is a necessary function at this time, it cannot be a long term solution as we have already lost staff this year listing this as one of the factors.
- We have continued to focus on core quality activities including VTE prophylaxis, Glycemic Control, and Care Transitions.
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 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
- 2 of our members are involved in providing Boy Scout physical exams.
- We have participated in AHRQ state wide mentorship initiatives around VTE and continue to have relationships with these outlying hospitals, providing protocols and materials to improve the care they provide their patients.

ADMINISTRATION
- Major achievements included became a Division of Hospital Medicine and adding a Section of Hospital Medicine at SRMC and incorporating the VA Section of Hospital Medicine. This increased our total faculty and staff to almost 40 members.
- Added an administrative role
- We were able to increase pay for hospitalist with a goal of 50% AAMC to help with retention and recruitment
- Our online wiki continues to be our primary form of 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 have begun producing a monthly practice report 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.

HONORS AND AWARDS
- We were recognized for our work in DVT by winning the DVTeam Award, which was presented in Boston.
- We also were also recognized for an honorable mention for the 2011 National Association of Public Hospitals and Health Systems “Improving Patient Safety Award” for our work in glycemic control.

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE
Staffing and retention of staff continue to be our main challenges in the coming year. The amount of clinical work to existing staff due to short staffing is stifling our research, quality, and to some extent educational missions. We must better retain our staff and be more successful in recruiting them. This includes both addressing salary discrepancies with community as well as addressing the system issues that make it less gratifying to work at UNM. Efforts are being made in each of these areas.

Our next major challenge is converging the 3 hospital medicine sections/locations (UNM, VA, and SRMC) into common activities and practices. This has begun with Chief’s meetings and common goal setting, but this must be expanded to include integration of our various faculty projects and activities. We are planning our first division retreat this year which will begin addressing this topic.

EDUCATION
Goal to have best practices telecasted to VA and SRMC sites
RESEARCH AND SCHOLARLY ACTIVITIES
Staff needs more time to invest in research projects. We have young faculty with strong interest in these areas and we must foster their growth.

CLINICAL OPERATIONS
As stated above, our primary issue is achieving full staffing and getting the necessary funding to retain and recruit faculty.

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

ADMINISTRATION
We must consider an administrative structure change. We have had a significant burden with processing hiring and contracts in a timely manner.

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

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<tr>
<th>APPOINTMENTS</th>
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<tbody>
<tr>
<td><strong>FACULTY</strong></td>
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<tr>
<td>Rishi Menon MD</td>
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<tr>
<td>Sheila Modi MD</td>
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<td>Jens Langsjoen MD</td>
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<td>Sivitri Aguiar MD</td>
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<tr>
<td>John Rush Pierce MD</td>
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<tr>
<td>Bryan Wood MD</td>
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<tr>
<td>Betty Newville MD</td>
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<tr>
<td>David Gonzales MD</td>
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<tr>
<td>Rebecca Bair MD</td>
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<td>Nathaniel Collins MD</td>
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<tr>
<td>Laura Holder</td>
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<tr>
<td><strong>FACULTY</strong></td>
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<tr>
<td>Jason Cohen MD</td>
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<tr>
<td>Erik Kraai MD</td>
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<tr>
<td>Leonard Noronha MD</td>
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<tr>
<td>Rishi Menon MD</td>
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<tr>
<td>Savitri Aguiar</td>
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<td>Sepehr Khashaei</td>
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<tr>
<th>STAFF</th>
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<tbody>
<tr>
<td>Mary Gomez</td>
</tr>
</tbody>
</table>
**Publications of the Division and Faculty**

*Marcos Burgos, M.D.*

2. Lienhardt CL, Cook SV, **Burgos MV** et al., Efficacy and Safety of a 4-Drug Fixed Dose Combination regimen for the treatment of Pulmonary Tuberculosis (Study C): an international multicenter randomized controlled trial. JAMA. 2011; 305(14): 1415-23.

*Rush Pierce, M.D.*

2. Eder M, **Pierce JR Jr**. Empowering busy clinical faculty to conduct and publish research: development of a research assistance unit (RAU) at a regional medical school campus. South Med J 2011;104(9):647-650.
8. Shirley M, Johnson EF, **Pierce JR Jr**. Fall-related injury in the hospital is related to narcotic use but not age [abstract B88]. American Geriatrics Society, 05/03/2012, Seattle, WA. J Am Geriatrics Soc 2012;60:S103.

*Kendall Rogers, MD*

3. 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

**Outside Professional Activities of Faculty and Staff**

*Marcos Burgos, M.D.*

**Invited Lectures: International**

- Can we Treat Tuberculosis with Higher Doses of Rifampin and Shorten the Treatment to Less than 6 Months? Congreso Nacionalde Neumologia Y Cirugia de Torax, Cancun Mexico, April 2012.
- Can We Shorten the Treatment of Tuberculosis to Less than 6 months? Congreso Peruano De Enfermedades Infecciosas Tropicales, Lima Peru, September 2011.
INVITED LECTURES: REGIONAL OR NATIONAL
- Pulmonary tuberculosis in HIV infected patients. ECHO project, Albuquerque, New Mexico, November 2012.
- Can we shorten the treatment of tuberculosis? Infectious Disease Division, Albuquerque, NM, October 2011.

JOURNAL/EDITORIAL REVIEWER
- International Journal of Tuberculosis and Lung Disease

COMMUNITY OUTREACH
- Tuberculosis Elimination Workgroup. Advisory Council for the Elimination of Tuberculosis Centers for Disease Control and Prevention. 2011–present
- Board Member, National Tuberculosis Controllers Association (NTCA). 2011–2012
- Member U.S. Border Tuberculosis Consortium. 2010 – present.
- Advisory Committee Heartland National Tuberculosis Center, San Antonio Texas, Member 2009- Present
- Medical Consultant, Heartland National TB Center, San Antonio Texas, 2009 – present
- Member, Stop TB Working Group on DOTS-Plus for MDR-TB, World Health Organization. 2002–present

Rush Pierce, M.D.

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

Kendall Rogers, MD

COMMUNITY OUTREACH
- National Content Developer (NCD) Webinar Series for the Department of Health and Human Services’ Partnerships for Patients Featured Speaker: ‘VTE Prophylaxis Strategies’ (05/2012)

INVITED LECTURES: REGIONAL OR NATIONAL
- Society of Hospital Medicine Annual Meeting – San Diego; Speaker: ‘Complexity Science in Healthcare’ (05/2012)
- Updates in Internal Medicine Conference, Santa Fe Speaker: “Updates in Hospital Medicine’ (10/2011)
- ACP New Mexico Regional Conference Speaker: ‘Update in Hospital Medicine 2011’ (10/2011)

JOURNAL/EDITORIAL REVIEWER
- Journal of Hospital Medicine Reviewer

PROFESSIONAL AFFILIATIONS
- Chair - Society of Hospital Medicine Health IT Executive Committee
- Lead - Society of Hospital Medicine Glycemic Control Mentored Implementation Program
- Co-chair - American College of Physician Executives Medical Education Task Force
- Member-Society of Hospital Medicine Health Quality and Safety Committee
- Member - Society of Hospital Medicine MOC Committee
• Member - HIMSS Clinical Decision Support Committee
• Member: Society of Hospital Medicine, American College of Physicians, Health Information and Management Systems Society, American College of Physician Executives, Society of General Internal Medicine, Association of Chiefs and Leaders in General Internal Medicine

Deepti Rao, MD

INVITED LECTURES: REGIONAL OR NATIONAL
• New Mexico Annual ACP conference
## OUTSIDE SPONSORED RESEARCH

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<tr>
<th>Faculty</th>
<th>Sponsor Name</th>
<th>Project Title</th>
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<tr>
<td>Burgos, Marcos</td>
<td>New Mexico Department of Health</td>
<td>Tuberculosis Medical Care, Consultation &amp; Education Services</td>
<td>Education</td>
<td>11UNM/02.0048</td>
<td>7/1/2011</td>
<td>6/30/2012</td>
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

EDUCATION
- Luong Nguyen successfully completed the Infectious Diseases fellowship program.
- Kingsley Asare, Firas Aswad and Kari Yacisin entered the Infectious Diseases fellowship as first year fellows and successfully completed their first year of the program
- Dr. Michelle Iandiorio presented numerous lectures on aspects of HIV care throughout the state of New Mexico and the Western Region of the United States
- Dr. Susan Kellie presented numerous lectures on aspects of infection control throughout the state of New Mexico
- The ID Division continued 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

RESEARCH AND SCHOLARLY ACTIVITIES
- Division faculty as a whole published 12 articles in peer-reviewed journals
- Dr. Samuel Lee successfully renewed his Department of Veterans Affairs MERIT Review Grant “Secreted virulence proteins and biofilm formation in Candida albicans”.
- Dr. Robert Munk received his 13th consecutive award from National Institutes of Health, National Library of Medicine for “AIDS InfoNet”

CLINICAL OPERATIONS
- Dr. Bruce Williams successfully renewed the Ryan White Title Part C/HMA 1 grant from the US Department of Health and Human Services funding HIV care at the Truman Street Clinic

COMMUNITY ACTIVITIES
- Dr. Michelle Iandiorio participated in numerous sponsored events supporting AIDS awareness as well as adolescent health

ADMINISTRATION
- Dr. Corey Tancik, a valued faculty member in the ID Division, passed away. Dr. Tancik was a superb clinician and medical educator. He had served in the role of ID Fellowship Director for many years and played a key role in the education of ID Fellows who graduated from the ID Fellowship program.
- Dr. Greg Mertz retired as Infectious Diseases Division Chief and is now Emeritus Professor of Internal Medicine. He will be continuing his research activities and limited clinical activities on a part-time basis.
- Dr. Thomas F. Byrd assumed the role of Interim Infectious Diseases Division Chief.
- Two faculty searches were initiated.
HONORS AND AWARDS
- Michelle Iandiorio, M.D promoted to Associate Professor
- Susan Kelly, M.D. promoted to Professor.
- Samuel Lee, M.D. promoted to Professor.
- Elaine Thomas, M.D. - One of 7 nominees for UNMHSC “Stellar Consultant Award”
- Elaine Thomas, M.D. - Passed American Academy of HIV Medicine HIV Specialist Credentialing Exam

SIGNIFICANT PLANS AND RECOMMENDATIONS FOR THE NEAR FUTURE

EDUCATION
- Dr. Sarah Allen, a new faculty member of the ID Division will assume the position of ID Fellowship Director
- The ID Division plans to 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 and hepatitis C clinical care and education, with faculty utilizing Project Echo at UNM to support these activities

RESEARCH AND SCHOLARLY ACTIVITIES
- The ID Division plans to continue and/or initiate basic and translational research activities in the area of Candida albicans pathogenesis, nontuberculous mycobacterial infection, hepatitis C treatment, HIV adolescent medicine, and hospital epidemiology.

CLINICAL OPERATIONS
- The Truman Street HIV clinic is transitioning to a new and remodeled facility
- A joint pulmonary/ID nontuberculous mycobacteria/bronchiectasis clinic will be started at UNM.
- A proposal for a Travel Clinic at UNM through the ID Division and Global Health is being planned for submission

ADMINISTRATION
- A new faculty recruitment is in progress for a faculty member to fill the role of UNM Hospital Epidemiologist and Director of the Antimicrobial Stewardship Program.
- Administrative support should be to full capacity in the ID Division in the near term
**APPOINTMENTS**

**FACULTY**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Keri Clapper, NP</td>
<td>Nurse Practitioner</td>
<td>4/4/2012</td>
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**STAFF**

<table>
<thead>
<tr>
<th>Name</th>
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<th>Effective date</th>
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<tbody>
<tr>
<td>Anne Green</td>
<td>Administrative Assistant III</td>
<td>9/6/2011</td>
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**SEPARATIONS**

**FACULTY**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Diane Hanfelt-Goade, M.D. - Retired</td>
<td>Professor</td>
<td>6/30/2012</td>
</tr>
<tr>
<td>Gregory Mertz, M.D. - Retired</td>
<td>Chief</td>
<td>6/30/2012</td>
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<tr>
<td>Katya Calvo, M.D.</td>
<td>Visiting Professor</td>
<td>6/30/2012</td>
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<tr>
<td>Vincent Zummo, PA</td>
<td>Physician’s Assistant</td>
<td>6/01/2012</td>
</tr>
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**STAFF**

None

**PUBLICATIONS OF THE DIVISION AND FACULTY**

**Thomas Byrd, III, M.D.**


**Susan Kellie, M.D.**


**Nicole Klein, M.D.**


**Samuel Lee, M.D.**

2. Bernardo SM, Rane H, **Lee SA**. The Candida albicans t-SNAREs Sso2p and Sec9p are essential for viability and contribute to filamentation. 11th ASM Conference on Candida and Candidiasis. March 29 – April 2, 2012, San Francisco, CA.

Robert Munk, Ph.D.

Karla Thornton, M.D., MPH

Steven Williams, M.D., MPH

OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Judith Baker, P.A.
COMMUNITY OUTREACH
• Medical Support Team, Albuquerque International Balloon Fiesta 10/1993-Present

PROFESSIONAL AFFILIATIONS
• American Academy of Physician Assistants
• New Mexico Academy of Physician Assistants
• Ryan White Medical Provider’s Coalition

Thomas Byrd, III, M.D.
AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Medical Microbiology and Immunology
• PLoS One
• BMC Infectious Diseases

PROFESSIONAL AFFILIATIONS
• American Medical Association

Diane Hanfelt-Goade, M.D.
AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Journal of Tropical Medicine and Hygiene
• Journal of Infectious Diseases
• Clinical Infectious Diseases
• Antiviral Research
• Emerging Infectious Diseases
• Journal of Infection in Developing Countries

JOURNAL/EDITORIAL REVIEWER
• Journal of Tropical Medicine and Hygiene
• Journal of Infectious Diseases
• Clinical Infectious Diseases
• Antiviral Research
• Emerging Infectious Diseases
• Journal of Infection in Developing Countries

PROFESSIONAL AFFILIATIONS
• Western Society for Clinical Investigation
• American Society for Virology
• American Society for Tropical Medicine and Hygiene
• American Society for Microbiology
• Infectious Diseases Society of New Mexico
• UNM Speakers Bureau
• Infectious Diseases Society of America

Michelle Iandiorio, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
• Treatment as Prevention. HIV Women’s Perspective Conference. KAETC-Sponsored conference. Kansas City, MO. (1 CME) 3/2/2012.
• MRSA SSTI. Presbyterian Hospital Grand Rounds Series. Albuquerque, NM. (1 CME). 2/14/2012.
• MRSA SSTI. Trinity Health Hospital. Minot, ND. 11/10/2011.
• MRSA SSTI. Sanford Health Hospital. Fargo, ND. 11/9/2011.
• MRSA SSTI. Annual Wound Care Conference. Roswell, NM. (1 CME) 10/7/2011.
• Challenges in Care for HIV-Infected Youth. MPAETC Faculty Development Conference. Denver, CO. (CME-credit). 8/11/2011.

COMMUNITY OUTREACH
• Big Sister. Big Brothers Big Sisters. 04/09/2012-present.
• HIV Update. NMAETC-Sponsored Lecture. Los Alamos Regional Hospital. Los Alamos, NM. (1 CME) 06/26/2012.
• HIV Post-Exposure Prophylaxis. NMAETC-Sponsored Lecture. Shiprock, NM. (1 CME) 05/30/2012.
• 05/04/2012. HIV Treatment in the Transgender Population. New Mexico Transgender Summit. Albuquerque, NM.
• HIV Treatment Challenges in Special Populations. NMAETC-Sponsored Lecture. NM DOH Quit Buggin Me Training. Albuquerque, NM. (1 CME) 04/03/2012.
• HIV Treatment Challenges in Special Populations. NMAETC-Sponsored Lecture. NM DOH Quit Buggin Me Training. Albuquerque, NM. (1 CME) 03/01/2012.
• HIV Testing & Treatment Considerations. NMAETC-Sponsored Lecture. UNM Department of Psychiatry Residency Program, First Year Conference. Alb, NM. 12/21/2011.
• Introduction to HIV Resistance. NMAETC-Sponsored Lecture. 17th Annual Four Corners TB & HIV Conference. Santa Fe, NM. (1 CME) 10/04/2011.
• HIV-HCV Co-infection. NMAETC-Sponsored Lecture. Gallup IHS Hospital. Gallup, NM. (1 CME) 10/03/2011
• Perinatal HIV & Reproductive Health in HIV. NMAETC-Sponsored Lecture. Memorial Medical Center. Las Cruces, NM. (1 credit CME) 07/29/2011.
• Perinatal HIV & Reproductive Health in HIV. NMAETC-Sponsored Lecture. Roswell, NM. (1 credit CME) 07/28/2011.
• HIV Testing Guidelines. Project ECHO Telehealth IAP Clinic. UNM School of Medicine. Albuquerque, NM. 06/03/11.

PROFESSIONAL AFFILIATIONS
• New Mexico Annual HIV Update Chair. Albuquerque, NM. 04/26-4/27/2012.
• 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, M.D.
INVITED LECTURES: REGIONAL OR NATIONAL
• “Parting shot-getting adult immunization right”, lecture for the joint UNMSOM and Beth Israel/ Harvard Medical School CME course, “Update and review of internal medicine 2011”, Santa Fe, New Mexico. 10/21/11
• “Clinical update in C. difficile diagnosis, treatment and prevention”, CME talk for providers at Gerald Champion Regional Medical Center, Alamogordo, New Mexico. 12/08/11
• “The new C. difficile: diagnosis, treatment and prevention”, talk for medical staff at Plains Regional Medical Center, Clovis, New Mexico. 03/28/12
• “Antimicrobial Stewardship: Thinking Globally and Acting Locally”, talk to providers at New Mexico State Behavioral Health facility, Las Vegas, New Mexico 05/02/12

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• American Journal of Medicine
• American Society for Microbiology journals

COMMUNITY OUTREACH
• “Quick-start Antimicrobial Stewardship Curriculum Module 6: Integrating Antimicrobial Stewardship with Infection Control and Core Measures”, lecture delivered to rural hospitals via Project ECHO 06/07/11
• “Quick-start Antimicrobial Stewardship Curriculum Module 7: Demonstrating the value of your program in an annual report”, lecture delivered to rural hospitals via Project ECHO 06/21/11
• “The New Mexico CLABSI Collaborative”, talk at New Mexico Annual Healthcare-Associated Infection Conference sponsored by New Mexico Department of Health, Albuquerque, New Mexico 08/11/11
• “The New Mexico Clostridium difficile infection prevention project”, talk at New Mexico Annual Healthcare-Associated Infection Conference sponsored by New Mexico Department of Health, Albuquerque, New Mexico 08/11/11
• “Matching the infection control program to your setting”, Webex presentation to Indian Health Services personnel, Albuquerque Service Area, IHS.08/23/11
• “Hand hygiene and contact precautions in the control of C. difficile”, Webex presentation to New Mexico C.difficile collaborative participants. 08/26/11
• “Cleaning the healthcare environment-new perspectives”, Webex presentation to New Mexico C.difficile collaborative participants. 09/22/11
• “Introduction to infection control: why it is important to your residents”, Conference call to state nursing home directors, hosted from the New Mexico Medical Review Association. 10/19/11
• “C. difficile control in the nursing home setting”, onsite training for long-term care facilities in Santa Fe, New Mexico. 10/21/11
• “Hand hygiene in long term care settings-how and why to make it happen”, Conference call to state nursing home directors, hosted from the New Mexico Medical Review Association. 11/02/11
• “Overview of the Clostridium difficile infection prevention project in New Mexico” and “Preventing recurrences and readmissions due to C. difficile: using the patient perspective”, talks at New Mexico C. difficile infection prevention project conference, Albuquerque. 11/18/11
• “Introduction to infection control: why it is important to your residents”, Talk for state nursing home directors, hosted from the New Mexico Medical Review Association. 11/30/11
• “Immunization strategies to improve pregnancy and infant outcomes”, talk for high risk OB ECHO clinic. 12/06/11
• “Recognition, management and prevention of methicillin-resistant Staphylococcus aureus infections”, talk to Substance Abuse ECHO clinic. 01/27/2012:
• “Catheter-associated UTI: a closer look”, and “Pathfinding through the GU jungle: risk assessment and tools”, talks at Healthcare-Associated Infection Learning and Action Network meeting, Albuquerque. 02/09/12
• “CAUTI: first steps”, state-wide conference call to Healthcare-Associated Infection Learning and Action Network, hosted by HealthInsight New Mexico 03/06/12
• “Foley-day reduction: low-hanging fruit”, state-wide conference call to Healthcare-Associated Infection Learning and Action Network, hosted by HealthInsight New Mexico 04/03/12
• “SIRs, DURs, and using NHSN: CAUTI surveillance update”, state-wide conference call to Healthcare-Associated Infection Learning and Action Network, hosted by HealthInsight New Mexico 05/01/12
• “Antimicrobial Stewardship: Thinking Globally and Acting Locally-a Scaleable Approach”, talk for New Mexico Society for Healthcare Pharmacists, given with Carla Walraven, PharmD. 06/23/12
• “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 07/10/12
• “Influenza 2012-new choices in immunization”, talk to New Mexico Immunization Coalition, Albuquerque, New Mexico 08/17/12
• “Stage 1: the Clostridium difficile infection prevention project”, “Stage 2: the CAUTI collaborative”, “Mountain Stage: Surgical Site Infection”, and “The next stage: why MRSA still matters”, talks at Annual New Mexico Healthcare-associated Infection Conference, sponsored by HealthInsight New Mexico. 08/24/12

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
Nicole Klein, M.D.

PROFESSIONAL AFFILIATIONS
- American Medical Association
- American College of Physicians
- Infectious Disease Society of America

Samuel Lee, M.D.
- Provided leadership for development of joint UNM/VA antimicrobial stewardship clinical pathways.
- Assisted Dr. Michelle Iandiorio (Program Director, UNM ID Fellowship Training Program) with revision of ID fellowship program, including clinical and research training. Will assist Dr. Sarah Allen (incoming Program Director) in this process.
- Guided VA ID Section through greatly reduced ID FTE’s (-6/8th, and -3/8th), which will not be replaced due physician hiring freeze at NMVAHCS.
- Increased VA ID-HIV clinic, more than doubling the patient census from 79 to 165. This clinic is covered by 0.1 physician FTE’s. Due to VA national reimbursement through VERA dollars, it is estimated that we bring in approx. 1 million/year to NMVAHCS. We have met or exceeded VA national benchmarks in HIV care in every category, except one

INVITED LECTURES: REGIONAL OR NATIONAL

AD HOC REVIEWER OR EDITORIAL CONSULTANT
- Clinical Infectious Diseases
- Fungal Genetics and Biology
- Medical Mycology
- FEMS Yeast
- Research, Mycoses
- BMC Bioinformatics
- Mycopathologia
- Current Genetics
- PLoS One
- Antimicrobial Agents and Chemotherapy

EDITORIAL BOARD
- Member, Peer Review Board, Journal of Visualized Experiments

Gregory Mertz, M.D.

EDITORIAL BOARD
- Editorial Advisory Board, Journal of Infectious Diseases, 2006-present

GRANT REVIEWER
- Member, NIAID Microbiology and Infectious Diseases Research Committee, Bethesda, MD

PROFESSIONAL AFFILIATIONS
- NIAID Microbiology and Infectious Diseases Research Committee, Bethesda

Robert Munk, Ph.D.

COMMUNITY OUTREACH
- New Mexico Governor’s Advisory Commission on HIV/AIDS, 2007 - 2011
- New Mexico Governor’s HIV/AIDS Policy Commission, 2008 - 2011, Commissioner
- New Mexico Department of Health Medications Advisory Committee, 1995 – present
**PROFESSIONAL AFFILIATIONS**

- New Mexico Medical Advisory Board (Deals with AIDS Drug Assistance Program), July 2005 – present
- 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, M.D.**

**INVITED LECTURES: REGIONAL OR NATIONAL**

- Round Table: Sexual Health, AETC Faculty Development Conference, Denver 8/2011

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**

- Reviewer, Clinical Infectious Diseases
- Reviewer, 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, M.D., MPH**

**INVITED LECTURES: REGIONAL OR NATIONAL**

- HCV Update on Testing and Treatment. Las Clinicas del Norte, El Rito, NM. 04/2012.

**COMMUNITY OUTREACH**


**PROFESSIONAL AFFILIATIONS**

- New Mexico Peer Education Project (NM PEP). Through UNM Project ECHO, started prison peer education project to teach prisoners about Hepatitis C and other infectious disease and teach them how to be educators in the prison system. Developed 40 hour curriculum and conduct trainings quarterly. Currently in 6 prisons throughout New Mexico. Have trained over 150 prisoners who have trained over 1,200 general population inmates. 07/2009 – present.
- American Association for the Study of Liver Diseases
- National Infectious Disease Society of America (IDSA)
- Infectious Diseases Society of New Mexico.
Steven Williams, M.D., MPH

PROFESSIONAL AFFILIATIONS

- Member, Steering Committee Ryan White Medical Providers’ Coalition (HIV MA) 2006-Present
- Member, HIV QUAL Clinical Advisory Committee NY AIDS Institute, 2006-Present
- HIV Medicine Association (IDSA)
- International AIDS Society.
- Greater Albuquerque Medical Association.
- American Academy of Family Practice.
- American Medical Association.
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NEPHROLOGY
ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012

Antonia Harford, MD
Professor of Medicine
Interim Chief, Division of Nephrology

SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

EDUCATION

- R. Choudhary, T. Ocneanu, C. Reyes, D. Simh and Z. Xu successfully completed their fellowship program.
- A. Chadha, D. Chua, D. Mills, and A. Sandhu successfully completed their first year of the fellowship program.
- R. George, M. Malik, V. Nair, and A. Regmi entered the nephrology fellowship as first year fellows July 2012.
- 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.
- Eduardo Alas, M.D. continues work on the Evaluation of Cinacalcet HCI Therapy to Lower Cardiovascular Events (EVOLVE) clinical trial.
- Ambreen Gul, M.D. continued the Treatment of Periodontal Disease Reduces Cardiovascular Risk (TROPIC) pilot study.
- 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 the Blood Pressure in Dialysis (BID) 9/1/10 – 8/31/13 – National Institutes of Health to study blood pressure in hemodialysis patients. Total award - $1.5 million.
- 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.

CLINICAL OPERATIONS

- The division continues to fulfill its clinical obligations at UNMHSC and at DCI facilities throughout NM. From Raton and Taos in the Northern part of the state to Silver City in the South, over 500 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 shares responsibility for the hemodialysis patients at DCI in Grants
- 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.
- 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.
- Ambreen Gul, M.D. shares responsibility for the division’s consults and clinical program at UNMHSC.
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.

Helbert Rondon, M.D., shares responsibility for the division’s consults and clinical program at UNMHSC. Dr. Rondon shares responsibility for the nephrology fellowship program.

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.

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

The opening of the Santo Domingo Pueblo Dialysis unit continues the Nephrology Division’s commitment to provide services to New Mexico’s diverse ethnic and racial subpopulations within their own communities.

Ground breaking for latest DCI outreach clinic in Cuba New Mexico occurred April, 2012. This clinic slated for opening in January of 2013 is the result of a strong partnership between the local community leadership and UNMHSC and DCI.

Construction continues on the South Valley DCI unit. This clinic 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

Antonia Harford, MD assumed the position of Interim Division Chief of Nephrology. Successful recruitment of a permanent division chief was achieved; Mark Unruh from the University of Pittsburgh accepted this Chair position endowed by the Solomon Gardner Sterling Fund.

HONORS AND AWARDs

Philip Zager, MD was a Visiting Professor at the Harvard School of Medicine Division of Nephrology and gave an invited talk on the Zuni Kidney Project at Massachusetts General Hospital and a second lecture at Brigham and Women’s Hospital on the Blood Pressure In Dialysis Study.

DCI endowed the Kidney Research Institute for the study of renal disease (KRI).
**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 newly recruited Division Chief, Dr. Mark Unruh to develop.

**APPOINTMENTS**

None

**SEPARATIONS**

None
**Publications of the Division and Faculty**

**Eduardo Alas, M.D.**
1. Madden K, Tafoya J, Harford A, Alas E, Singh P, Davis MS. Equivalent surgical outcomes in minority renal transplant recipients with and without obesity. Accepted for presentation at the American Congress of Transplantation, June 2012.

**James Gibb, M.D.**

**Ambreen Gul, M.D.**

**Antonia Harford, M.D.**

**Bruce Horowitz, M.D.**
3. A Case of Symptomatic Hyponatremia with DDAVP (oral presentation) Choudary RK, Horowitz BL. American College of Physicians New Mexico Chapter meeting, 2011.
5. Diabetic Nephropathy, University of New Mexico School of Medicine Renal Block, 2010 and 2011

**Darlene Gabaldon, M.D.**

**Mark Rohrscheib, M.D.**
N/A

**Helbert Rondon Berrios, M.D.**
N/A

**Karen Servilla, M.D.**
N/A

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Pooja Singh, M.D.


Yijuan Sun, M.D.


Philip Zager, M.D.


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Eduardo Alas, M.D.

PROFESSIONAL AFFILIATIONS
- American College of Physicians
- Governing Council of the New Mexico ACP Chapter
- American Society of Nephrology

INVITED LECTURES: REGIONAL OR NATIONAL
- Madden, K, Tafoya, J, Harford A, Alas E, Singh P, Davis MS Equivalent surgical outcomes in minority renal transplant recipients with and without obesity. Accepted for presentation at the American Congress of Transplantation, June 2012.
James Gibb, M.D.
PROFESSIONAL AFFILIATIONS
- American College of Physicians
- American Society of Internal Medicine
- American Society of Nephrology

Ambreen Gul, M.D.
PROFESSIONAL AFFILIATIONS
- American Medical Association
- American Society of Nephrology
- International Society of Nephrology
- The Aga Khan University Alumni Association- North American Chapter

INVITED LECTURES: REGIONAL OR NATIONAL
- Blood Pressure in Dialysis (BID) Study. Nephrology Noon Conference, November 21, 2011, Division of Nephrology, University of New Mexico, Albuquerque, NM
- Magnesium Homeostasis. Nephrology Noon Conference, September 19, 2011, Division of Nephrology, University of New Mexico, Albuquerque, NM
- Principles of CKD Management. Nephrology Board Review, August 9, 2011, Division of Nephrology, University of New Mexico, Albuquerque, NM
- Ongoing Research at University of New Mexico, Division of Nephrology. Research Day, Nephrology Noon Conference, August 8, 2011, Division of Nephrology, University of New Mexico, Albuquerque, NM.
- Treatment of Periodontal Disease Reduces Cardiovascular Risk in Dialysis Patients, NM Health Disparities Research Center (NM CARES HD) Executive Group Meeting, January 7’ 2011, University of New Mexico, Albuquerque, NM.

Antonia Harford, M.D.
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 Transplantation Physicians
- American Society of Transplantation

INVITED LECTURES: REGIONAL OR NATIONAL
- Madden,K , Tafoya, J, Harford A, Alas E, Singh P, Davis MS Equivalent surgical outcomes in minority renal transplant recipients with and without obesity. Accepted for presentation at the American Congress of Transplantation, June 2012.

Bruce Horowitz, M.D.
PROFESSIONAL AFFILIATIONS
• American College of Physicians
• American Society of Nephrology
• National Kidney Foundation

Mark Rohrscheib, M.D.
PROFESSIONAL AFFILIATIONS
• International Society of Nephrology
• American Society of Nephrology

Helbert Rondon Berrios, M.D.
PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• International Society of Nephrology
• International Society of Peritoneal Dialysis
• American College of Physicians
• New Mexico Medical Society
• Peruvian Society of Nephrology

Karen Servilla, M.D.
PROFESSIONAL AFFILIATIONS
• American Society of Nephrology
• American College of Physicians, Fellow
• International Society of Nephrology
• American Society of Transplant Physicians

Pooja Singh, M.D.
INVITED LECTURES: REGIONAL OR NATIONAL
• Madden K, Tafoya J, Harford A, Alas E, Singh P, Davis MS. Equivalent surgical outcomes in minority renal transplant recipients with and without obesity. Accepted for presentation at the American Congress of Transplantation, June 2012.

AD HOC REVIEWER OR EDITORIAL CONSULTANT
• Journal of Clinical Nephrology
• Established protocols related to patient care for transplant coordinators
• Contributor for “Renal Transplant Nursing Self-Study Module
• Author/Developer of “Transplant Handbook for UNM Faculty and Fellows”

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

Yijuan Sun, M.D.
INVITED LECTURES: REGIONAL OR NATIONAL
• Sandhu A, Servilla K, Garcia M, Sun Y. Renal Consult Templates and Laboratory Order Sets. Graduate Medical Education QI Conference at University of New Mexico HSC, 2012

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PROFESSIONAL AFFILIATIONS
• 2012 - Member in UNMHSC BA/MD Program admission committee
• American Society of Nephrology
• Fellow of American Society of Nephrology (FASN)

Philip Zager, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
• Visiting Professor at the Harvard School of Medicine Division of Nephrology and gave an invited talk on the Zuni Kidney Project at Massachusetts General Hospital and a second lecture at Brigham and Women’s Hospital on the Blood Pressure in Dialysis Study.

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 Society of Nephrology
• American Federation for Clinical Research
• American Society of Hypertension
• European Dialysis and Transplant Association
• International Society of Nephrology
• Renal Physician Associates
• Western Society of Clinical Investigation
• Western Society of Clinical Nephrology
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<td>Relationship between Health Literacy and Chronic Kidney Disease Outcomes</td>
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<td>Cardiovascular Outcomes in ethnic minorities post-transplantation</td>
<td>Clinical</td>
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<td>Genetics of Kidney Disease in Zuni Indians</td>
<td>Research</td>
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

- 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 2011-2012, 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 (Iwamoto G, M. Harkins M, Boivin, M)
- 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 UNM 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).

**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

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<td>Amanda Beck, M.D.</td>
<td>Clinical Professor, Volunteer Faculty</td>
<td>1/18/2012</td>
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STAFF

None

SEPARATIONS

FACULTY

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<td>Amanda Beck, M.D.</td>
<td>Professor, Director Sleep Medicine Fellowship Program</td>
<td>11/30/2011</td>
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STAFF

None

PUBLICATIONS OF THE DIVISION AND FACULTY

Michel Boivin, M.D.


Lee K. Brown, M.D.


H. Katrina Busby, M.D.

N/A

Betty Chang, M.D.

N/A

Richard Crowell, M.D.


Karol Dokladny, Ph.D.

Michelle Harkins, M.D.


Oleh Hnatiuk, M.D.
1. Hnatiuk OW. What is the role of PFTs to monitor adverse effects of surgery, drug treatments, and radiation therapy? Respir Care. 2012;57:75-82.


Gary Iwamoto, M.D.
N/A

Jenny T. Mao, M.D.


Toru Nyunoya, M.D.


Frank Ralls, M.D.

1. J of Clinical Neuropsychology 4/2011 Primary Sleep Disorders and Paroxysmal Nocturnal Non-Epilpetic Events in Adults with Epilepsy. Grigg-Damberger, Madeline M.D., Ralls, Frank M.D.


3. American Parkinson Disease Association (APDA) Newsletter Fall 2011 “Your Sleep-Your Life” Ralls, F

Ali Saeed, M.D.


Akshay Sood, M.D., MPH

1. Function In Smokers, Am J Respir Crit Care Med 185;2012:A2266

2. Meek, P; Sood, A; Petersen, H; Tesfaigzi, Y. Symptoms Of Smokers Exposed To Wood Smoke: Are There Differences? Am J Respir Crit Care Med 185;2012:A2587

3. Meek, P; Sood, A; Petersen, H; Tesfaigzi, Y. Symptoms Of Smokers Exposed To Wood Smoke: Are There Differences? Am J Respir Crit Care Med 185;2012:A2587


5. Kelly, E; Tesfaigzi, Y; Petersen, H; Sood, A; Nakajima, T; Martin, S; Divo, M; Washko, G; Pinto-Plata, VM; Owen, CA; Celli, BR. Biomarker Profile In Smokers Without Chronic Obstructive Pulmonary Disease (COPD) Who Are FEV1 Decliners Versus Non Decliners, Am J Respir Crit Care Med 185;2012:A4508
6. Assad, NA; Qualls, C; Smith, LJ; Arynchyn, A; Thyagarajan, B; Jacobs, D; **Sood, A.** BMI-defined obesity is a stronger predictor than metabolic syndrome for future asthma risk in women - the longitudinal CARDIA study. Am J Respir Crit Care Med 185;2012:A6499.

7. **Sood, A.;** Seagrave, J; Herbert, G; Harkins, M; Qualls, C; Schuyler, M. Asthma Is Associated With Lower Adiponectin Concentrations in Sputum than Controls. Am J Respir Crit Care Med 185;2012:A6502

8. Zhu, N; Jacobs, DR; Sidney, S; Sternfeld, B; Carnethon, M; Lewis, CE; Shay, CM; **Sood, A.** Bouchard, C. Fat mass modifies the association of fat-free mass with symptom-limited treadmill duration in the Coronary Artery Risk Development in Young Adults study. Am J Clin Nutr. 2011 Aug; 94(2):385-91.

9. Artigas, MS; Loth, DW; Wain, LV; Gharib, SA; Obediat, M; Tang, W; Zhai, G; Zhao, JH; Smith, AV; Huffman, JE; Albrecht, E; Jackson, CM; Evans, DM; Cadby, G; Fornage, M; Manichaikul, A; Lopez, LM; Johnson, T; Aldrich, MC; Aspelund, T; Barroso, I; Campbell, H; Cassano, PA; Couper, DJ; Eiriksdottir, G; Franceschini, N; Garcia, M; Gieger, C; Gislason, KJ; Grkovic, I; Hammond, CJ; Hancock, DB; Harris, TB; Ramasamy, A; Heckbert, SR; Heliövaara, M; Homuth, G; Hysi, PG; James, AL; Jankovic, S; Joubert, BR; Karrasch, S; Kloppe, N; Koch, B; Kritchevsky, SB; Launer, LJ; Liu, Y; Loehr, LR; Lohman, K; Loos, RJF; Lumley, T; Balushi AKA; Ang, WQ; Barr, RG; Belby, J; Blakey, JD; Boban, M; Boraska, V; Brismar, J; Britton, JR; Brusselle, GG; Cooper, C; Curjuric, I; Dahgah, S; Deary, IU; Ebrahim, S; Eijgelsheim, M; Francks, C; Gaysina, D; Granell, R; Gu, X; Hankinson, JH; Hardy, R; Harris, SE; Henderson, J; Henry, A; Hingorani, AD; Hofman, A; Holt, PG; Hui, J; Hunter, ML; Imboden, M; Jameson, KA; Kerr, SM; Kolcic, I; Kronenberg, F; Liu, JZ; Marchini, J; Mckeever, T; Morris, AD; Olin, A; Porteous, D; Postma, DS; Rich, SS; Ring, SM; Rivadeneira, F; Rochat, T; Sayer, AA; Sayers, I; Sly, PD; Smith, GD; **Sood, A.;** Starr, JM; Uitterlinden, AG; Vonk, JM; Wannamethee, SG; Whincup, PH; Wijmenga, C; Williams, OD; Wong, A; Mangino, M; Marcante, KD; McArdle, WL; Meibohm, B; Morrison, AC; North, KE; Omennas, E; Palmer, LJ; Pietiläinen, KH; Pin, I; Polašek, O; Pouta, A; Psaty, BM; Hartikainen, A; Rantanen, T; Ripatti, S; Rotter, JI; Rudan, I; Rudnicka, AR; Schulz, H; Shin, S; Spector, TD; Surakka, I; Vitart, V; Völzke, H; Wareham, NJ; Warrington, NM; Wichmann, H; Wild, SH; Wilk, JB; Wjst, M; Wright, AF; Zgaga, L; Zemunik, T; Pennell, CE; Nyberg, F; Kuh, D; Holloway, JW; Boezen, JH; Lawlor, DA; Morris, RW; Probst-Hensch, N; The International Lung Cancer Consortium, GIANT consortium, Kaprio, J; Wilson, JF; Hayward, C; Kähönen, M; Heinrich, J; Musk, AW; Jarvis, DL; Glaeser, S; Järvelin, M; Stricker, BHC; Elliott, P; O’Connor, GT; Strachan, DP; London, SJ; Hall, JP; Gudnason, V; Tobin, MD. Genome-wide Association and Large Scale Follow-up Identifies 16 New Loci Influencing Lung Function. Nat. Genet. 2011 Sep 25; 43(11):1082-90. doi: 10.1038/ng.941

10. Bruse, S; **Sood, A.;** Petersen, H; Liu, Y; Leng, S; Celedon, JC; Gilliland, F; Celli, B; Belinsky, SA; Tesfaigzi, Y. New Mexican Hispanic smokers have lower odds of chronic obstructive pulmonary disease and less decline in lung function than non-Hispanic whites. Am J Resp Crit Care Med; 2011 Dec 1;184(11):1254-60


12. **Sood, A.;** Petersen, H; Blanchette, C.M; Meek, P; Picchi, M.A.; Belinsky, S.A.; Tesfaigzi, Y; Methylated Genes in Sputum among Older Smokers with Asthma. Chest 2012 Feb 16

13. **Sood, A.;** Qualls, B; Thyagarajan, M; Steffes, M; Smith, LJ; Jacobs, DR. Low Serum adiponectin predicts future risk of asthma in women. Am J Resp Crit Care Med. 2012 Apr 6. [
OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Michel Boivin, M.D.
- American Federation of Medical Research – Councilor for New Mexico 2005-present
- Tri-Societies Western Meeting Planning Committee 2006-present
- Lead Reviewer Pulmonary Section (Carmel Meeting) 2007-present
- AFMR – Western Section – Past-Chair 2010-2011
- ACCP Governor for New Mexico 2011-
- Phase I Tutorial Co-leader GI / Nutrition Block September – October 2011

JOURNAL/EDITORIAL REVIEWER
- Journal of Investigative Medicine 2007-present
- Nutrition Research 2007-present
- Experimental Biology and Medicine 2008-present
- American Journal of Physiology 2008-present

Lee K. Brown, M.D.
New Mexico Thoracic Society
- President 2010 - present
- Planning Committee, 29th - 36th Annual New Mexico Thoracic Society Lung Disease Symposia
American College of Chest Physicians
- Sleep Institute Organizational Framework Task Force (2009 – present)
- Steering Committee, Sleep Medicine Clinical NetWork (Ex Officio, 2006-present)
- Sleep Issues in Healthcare Workers Task Force (2008 – present)
American Academy of Sleep Medicine
- In-service Examination Task Force (2010 – present)
- Associate Editor, Journal of Clinical Sleep Medicine (2006-present)
- Book Review Editor, Journal of Clinical Sleep Medicine (2006-present)
Greater Albuquerque Medical Association
- Member-at-large, Board of Trustees (2010 – present)
- Recruitment and Retention Committee (2009 – present)
- Ad Hoc Committee on Recruitment and Retention (2009 – present)
New Mexico Medical Society
- Liaison Committee to the UNM School of Medicine (2001-present)
State of New Mexico
- Polysomnography Practice Advisory Committee of the New Mexico Medical Board (2008-present; Chair, 2009-present)
- Respiratory Care Advisory Board (2010 – present)

H. Katrina Busby, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
- February 2012: New Mexico ATS Meeting: Pulmonary Hypertension

PROFESSIONAL AFFILIATIONS
- Member, CV pulm block committee, 2010-present
- Member, GME operations committee, 2005-present
Betty Chang, M.D.

**INVITED LECTURES: REGIONAL OR NATIONAL**
- June 2011, Duty Hours and the Sleep Data that Supports Limits, UNM Internal Medicine Grand Rounds.

**JOURNAL/EDITORIAL REVIEWER**
- Reviewer for Journal of Rheumatology 2006 to present
- Reviewer for Arthritis and Rheumatism 2004 to present
- Reviewer for Chest Journal 2004 to present

**PROFESSIONAL AFFILIATIONS**
- Fellow, American College of Chest Physicians (1999 – present)
- Association of Program Directors of Internal Medicine (2007 – present)
- ACP Medical Student Mentoring Discussant, 2010, 2011

Richard Crowell, M.D.

- American College of Chest Physicians.
- Member, Thoracic Oncology Network
- American Thoracic Society.
- Member, Clinical Problems Assembly
- International Association for the Study of Lung Cancer
- American Association for Cancer Research
- American Lung Association, New Mexico Chapter
- Member, Board of Directors

Karol Dokladny, Ph.D.

N/A

Michelle Harkins, M.D.

**INVITED LECTURES: REGIONAL OR NATIONAL**
- Harkins M, Raissy HH, Moseley K, Luttecke K, Arora S. Project ECHO: Improving Asthma Care in New Mexico with Telehealth Technology. ACCP, October 2011, Hawaii
- Harkins M, Raissy HH, Moseley K, Luttecke K, Arora S. Engaging the School Nurse as part of the treatment team via telehealth improves asthma care. ATS, May 2012, San Francisco
- 2011 Asthma Update: Obtaining optimal patient control, June, NM Regional Pharmacy Association, Albuquerque
- 2011 Asthma Update and Ventilator management, ACP regional meeting, October
- 2012 Asthma Exacerbation, Winterfest NM RT conference January, Ruidoso
- 2012 All that Wheezes isn’t asthma, NM Thoracic Society Meeting, ABQ, February
- 2012 Hantavirus: A Tale of Mice and Men; the UNM experience, ATS International conference, San Francisco, Sunrise Seminar
Oleh Hnatiuk, M.D.
N/A

Gary Iwamoto, M.D.
JOURNAL/EDITORIAL REVIEWER
• Reviewer for Journal of Applied Physiology
• Reviewer for American Journal of Respiratory Cell and Molecular Biology
• Reviewer for Biochim Biophys Acta
• Reviewer for American Review of Respiratory Disease

PROFESSIONAL AFFILIATIONS
• American College of Physicians
• Present American College of Chest Physicians
• American Thoracic Society
• American Federation of Clinical Research

Jenny T. Mao, M.D.
• Member, Institutional Biosafety Committee. NMVAHCS
• Member, PCCM Fellow Research Review Committee. UNM
• Member, Center for Cellular and Molecular Biology Research, MVAHCS
• Member, NMVAHCS Cancer committee.
• Member, Critical Care Committee, NMVAHCS
• Member, Infection Control Committee, NMVAHCS.

Lana Melendres-Groves, M.D.
• Member, American Thoracic Society
• Member, American College of Chest Physicians

Pope Moseley, M.D.
JOURNAL/EDITORIAL REVIEWER

PROFESSIONAL AFFILIATIONS
• American Thoracic Society
• American College of Chest Physicians, Fellow
• American College of Sports Medicine, Fellow
• American College of Occupational Medicine
• American Physiological Society
• American College of Forensic Examiners

Toru Nyunoya, M.D.
• 2011 CTSC Innovation Award
• 2010-12 Midwest Affiliate AHA Grant-in-aid Award
• 2010-12 NIH R03 Award
Frank Ralls, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
- July 15, 2011: New Mexico Academy of Family Physicians 54th Family Medicine Seminar, Ruidoso, NM. Sleep Disorders in Primary Care: Pediatric and Adult Obstructive Sleep Apnea
- September 25, 2011 New Mexico Chapter of Parkinson’s Disease. Taos, NM. Lecture: Sleep and The PD Patient.
- September 27, 2011 GME Operations Committee. Resident Fatigue and Attending Responsibilities
- October 19, 2011 ENT Faculty and Residents. Understanding Pediatric Sleep Apnea
- October 20, 2011 Pediatric Nephrology: Understanding Resident Fatigue
- January 19, 2012 ECHO Lecture: Opiates, Sleep, and Breathing
- January 20, 2012 Ground Rounds in Psychiatry: Fatigue and Sleep Deprivation
- January 26, 2012 ECHO Lecture: Pain and Sleep in Elders
- April 14, 2012 American Association of Parkinson’s Disease, New Mexico Chapter of Parkinson’s Disease Symposium: Lecture: Abnormal Movements in Sleep

PROFESSIONAL AFFILIATIONS
- Member, American Academy of Sleep Medicine 2008-Present
- Member, American Academy of Hospice and Palliative Care 2010-Present
- Member, American Academy of Geriatrics 2008-Present
- Member, Greater Albuquerque Medical Society 2010-Present

Ali Saeed, M.D.

- CNM Respiratory Therapy Program, Associate Director
- Pulmonary and Critical Care (combined) Fellowship Training Assistant Program Director
- Member, American College of Chest Physicians (ACCP)
- Member, Pakistan Medical and Dental Council (PMDC)

Akshay Sood, M.D., MPH

JOURNAL/EDITORIAL REVIEWER

PROFESSIONAL AFFILIATIONS
- Member, American Thoracic Society
- Member, American Thoracic Society, Environment and Occupational Health Assembly
- Fellow, American College of Chest Physicians
- Member, American College of Occupational and Environmental Medicine
- Member, International Program Committee, Environment and Occupational Health Assembly, American Thoracic Society May 2011-May 2014

Dona Upson, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
- Invited participant, National ALA’s Lung Health Disparities Roundtable, Washington DC. 2011
- Great Cases Symposium: Clinical, Radiologic and Pathologic Correlations by Master Physicians, 2011. ATS International Conference

PROFESSIONAL AFFILIATIONS
- American Thoracic Society (ATS, National)
  Board of Directors, 2010-
  Chair, Council of Chapter Representatives (CCR), 2011-12
  Chair-elect, Council of Chapter Representatives (CCR), 2010-11

Eleana Zamora, M.D.

INVITED LECTURES: REGIONAL OR NATIONAL
- September 2011: “The XYZs of Common Infections” Internal Medicine Resident lecture series, University of New Mexico School of Medicine
- October 2011: “Basics of Mechanical Ventilation” Internal Medicine Resident lecture series, University of New Mexico School of Medicine

PROFESSIONAL AFFILIATIONS
- American College of Chest Physicians
- Board Member, NM Chapter of Society of Critical Care Medicine
- Infectious Disease Society of America, Member
- American College of Physicians, Member
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<td>Clinical And Translational Science Center CTSC</td>
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<td>Biomarker Signature in COPD</td>
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*Proposal Primary
CENTERS AND PROJECTS
**Significant Developments during the Academic Year 2011-2012**

**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 and Separations of Faculty and Staff**
None.
**Publications of the Division and Faculty**

Mark Schuyler, MD


**Outside Professional Activities of Faculty and Staff**

Mark Schuyler, MD

**Professional Affiliations**

- Member, American Thoracic Society, American Academy of Allergy and Immunology, American College of Chest Physicians.
## Outside Sponsored Research

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<td>Schuyler, Mark</td>
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<td>Lung Adiponectin and Asthma in Women</td>
<td>Research</td>
<td>CK1130/SOOD/14822</td>
<td>9/1/2010</td>
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SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012

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**

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<th>Name</th>
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<tr>
<td>Dan Rogers</td>
<td>Admin Assistant III</td>
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<tr>
<td>Dukens LaBaze</td>
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**SEPARATIONS**

**FACULTY**

None

**STAFF**

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<td>Lindsay Sullivan</td>
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<td>11/23/2011</td>
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</table>
PUBLICATIONS OF THE DIVISION AND FACULTY

Douglas Perkins, Ph.D.


Ravi Durvasula, M.D.

Prakash Kempaiah, Ph.D.
2. Kempaiah PM, Anyona SB, Raballah E, Davenport GC, Were T, Hittner JB, Ong’echa JM, Perkins DJ. Reduced interferon (IFN)-α conditioned by IFNA2 (-173) and IFNA8 (-884) haplotypes is associated with enhanced susceptibility to severe malarial anemia and longitudinal all-cause mortality. Hum Genet. 2012 Aug;131(8):1375-91. Epub 2012 May 9. PMID: 22570109

Julie Lovchik, Ph.D.

Terry Wu, Ph.D.


OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF

Douglas Perkins, Ph.D.

INVITED LECTURES: REGIONAL OR NATIONAL
• The Impact of Climate Change on Global Burden of Malaria: Memorias Del V Simposium de Immunoparasitologia, Mazatlan, Mexico
• Decade Long Research in East Africa: Global Biosurveillance, Enabling Science and Technology, Los Alamos National Laboratories, Santa Fe, New Mexico
• Pediatric Malarial Anemia in Kenya: Geo-epidemiology Workshop, The University of New Mexico Albuquerque, New Mexico
• Molecular Targets for Novel Antimalarial Drugs: ynergy Meeting, Clinical and Translational Science Center, The University of New Mexico, Albuquerque, New Mexico

JOURNAL/EDITORIAL REVIEWER

GRANT REVIEWER
• International Centers for Malaria Research Excellence: National Institutes of Health, National Institute of Allergy and Infectious Diseases

COMMUNITY OUTREACH
• Siaya District Sickle-cell Disease Project

PROFESSIONAL AFFILIATIONS
• Member, Kenyatta University Academic and Student Advisory Committee, Nairobi, Kenya
• Consultant, Defense Threat Reduction Agency, Department of Defense
• Mentor/Advisor, GlaxoSmithKline, PULSE International Research Fellows
• Founder and Director, Siaya District Community, Sickle-Cell Anemia Foundation, Siaya, Kenya
• Member, American Society of Tropical Medicine and Hygiene
- Member, American Society of Hematology
- Member, American Society of Microbiology

Ravi Durvasula, M.D.

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**
- Ad Hoc Reviewer, Insect Molecular Biology and Biochemistry
- Ad Hoc Reviewer, Symbiosis
- Ad Hoc Reviewer, American Journal of Public Health
- Ad Hoc Reviewer for BARD, the United States – Israel Binational Agricultural Research & Development Fund
- Ad Hoc Reviewer for NSERC (Canada)

**JOURNAL/EDITORIAL REVIEWER**
- Reviewer, American Journal of Tropical Medicine and Hygiene
- Reviewer, Emerging Infectious Diseases

**PROFESSIONAL AFFILIATIONS**
- Member, American Society of Tropical Medicine and Hygiene
- Member, Burroughs Welcome Trust Fund Fellowship Committee, American Society of Tropical Medicine and Hygiene
- Member, Tropical Medicine Research Center Study Section: NIH-NIAID (ad hoc 2011)

Prakasha Kempaiah, Ph.D.

**AD HOC REVIEWER OR EDITORIAL CONSULTANT**
- Ad hoc Reviewer: Journal of Human Parasitic Disease
- Ad hoc Reviewer: Gene Regulation and Systems Biology

**JOURNAL/EDITORIAL REVIEWER**

Julie Lovchik, Ph.D.

**PROFESSIONAL AFFILIATIONS**
- Member, American Society for Microbiology

Terry Wu, Ph.D.

**JOURNAL/EDITORIAL REVIEWER**
- Editorial board member for Journal of Vaccine and Vaccination
### OUTSIDE SPONSORED RESEARCH

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Significant Developments During the Academic Year 2011-2012

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 7/1/11.
- 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

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<tr>
<td>Danielle Narnajo</td>
<td>Office Assistant</td>
<td>2/13/2012</td>
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<tr>
<td>Sunne Preston</td>
<td>Admin Assistant II</td>
<td>7/5/2011</td>
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<tr>
<td>Andrea Andersen</td>
<td>Outreach Coordinator</td>
<td>9/1/2011</td>
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SEPARATIONS

FACULTY
None

STAFF

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<td>Norma Bojorquez</td>
<td>Administrative Assistant III</td>
<td>2/17/2012</td>
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<td>Katrina Guillen</td>
<td>Outreach Coordinator</td>
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PUBLICATIONS OF THE DIVISION AND FACULTY

Heidi Roeber Rice, M.D., M.P.H.

**OUTSIDE PROFESSIONAL ACTIVITIES OF FACULTY AND STAFF**

**Denecé O. Kesler, MD**

**PROFESSIONAL AFFILIATIONS**
- Elected member, American Board of Medical Specialties
- Elected Chair, American Board of Preventive Medicine
- Member, American College of Occupational and Environmental Medicine Competencies Task Force
- Member, HSC Academic Affairs Advisory Committee

**INVITED LECTURES: REGIONAL OR NATIONAL**
- “Becoming Board Certified and Maintaining Certification” presented 4/30/12 at the Annual Occupational Health Conference sponsored by the American College of Occupational and Environmental Medicine, Los Angeles, CA
- “ABPM MOC Part IV Requirements and the ACOEM Program” presented 5/1/12 at the Annual Occupational Health Conference sponsored by the American College of Occupational and Environmental Medicine, Los Angeles, CA

**Heidi Roeber Rice, MD**

**PROFESSIONAL AFFILIATIONS**
- Member, Institutional Biosafety Committee
- Member, Select Agents Committee
## OUTSIDE SPONSORED RESEARCH

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<th>Faculty</th>
<th>Sponsor Name</th>
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<td>Development of a Medical Screening Program for Former Sandia and LANL Workers</td>
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**CENTER FOR PROJECT ECHO**

**ANNUAL REPORT: JULY 1, 2011 – JUNE 30, 2012**

Sanjeev Arora, MD  
Professor of Medicine  
Director, Project ECHO

**SIGNIFICANT DEVELOPMENTS DURING THE ACADEMIC YEAR 2011-2012**

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 for the period 7/1/2011 to 6/30/2012
- 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.
- 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™.

APPOINTMENTS

FACULTY
None

STAFF

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**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.
Publications of the Division and Faculty

Sanjeev Arora, MD


Glen Murata M.D.


Karla Thornton, MD, MPH


Outside Professional Activities of Faculty and Staff

Sanjeev Arora, MD

**INVITED LECTURES: REGIONAL OR NATIONAL**

• 2011 New Mexico Chapter of the ACP Scientific Meeting, Albuquerque, NM, “Enhancing the Management of Liver Disease in New Mexico”, October 28, 2011.
• University of New Mexico Update and Review of Internal Medicine 2011, Santa Fe, NM, “Disruptive Innovation in Healthcare”, October 18, 2011.
• University of New Mexico Update and Review of Internal Medicine 2011, Santa Fe, NM, “Gastroenterology Q & A”, October 16, 2011.
• University of New Mexico Update and Review of Internal Medicine 2011, Santa Fe, NM, “Answering Your Questions”, October 16, 2011.
• University of New Mexico Update and Review of Internal Medicine 2011, Santa Fe, NM, “Chronic Hepatitis C: The Silent Epidemic”, October 16, 2011.
• ACP Fall Board of Governor’s Meeting, San Antonio, TX, “Extension for Community Health Outcomes (Project ECHO)”, September 22, 2011.
• Transforming Hepatitis C Care in VA: Integrating HCV Protease Inhibitors into Anti-Viral Treatment, Dallas, TX, “Project ECHO”, September 9, 2011.

PROFESSIONAL AFFILIATIONS
• Fellow, American College of Gastroenterology
• Fellow, American Gastroenterology Association
• Fellow, American College of Physicians—American Society of Internal Medicine
• Member, American Association for the Advancement of Sciences
• Fellow, American College of Gastroenterology
• American Society for Gastrointestinal Endoscopy (ASGE)
• Member, Greater Albuquerque Medical Association
• American Association for the Study of Liver Diseases
• Member, European Association for the Study of the Liver

Fredrick Hashimoto, MD

COMMUNITY OUTREACH
• New Mexico Athletic Association (and Albuquerque Academy) swim meet official, 1997–present
• music: Big Bad Band (swing and jazz band), Windbags (sax quartet): public performances, 2003–present
• New Mexico Swimming, meet official, 1995–present

PROFESSIONAL AFFILIATIONS
• Member of the Professional Chemical Fraternity Alpha Chi Sigma

Glen Murata M.D.

COMMUNITY OUTREACH
• Board of Directors, Lovelace Clinic Foundation, 2010 – present
PROFESSIONAL AFFILIATIONS

- Phi Beta Kappa
- Alpha Omega Alpha
- American College of Physicians
- Society of General Internal Medicine
- American Diabetes Association

Karla Thornton, MD, MPH

INVITED LECTURES: REGIONAL OR NATIONAL

- 4/2012. HCV Update on Testing and Treatment. Las Clinicas del Norte, El Rito, NM.

PROFESSIONAL AFFILIATIONS

- American Association for the Study of Liver Diseases, 2008-present
- National Infectious Disease Society of America (IDSA). 1999-present.
- Infectious Diseases Society of New Mexico. 1999 -present.
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<td>Wyatt Voyles, M.D.</td>
<td>Associate Professor</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Michael West, M.D.</td>
<td>Assistant Professor</td>
<td>Cardiology</td>
</tr>
<tr>
<td>Charles Wiggins, Ph.D.</td>
<td>Associate Professor</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>Steven Williams, M.D., MPH</td>
<td>Professor</td>
<td>Infectious Diseases</td>
</tr>
<tr>
<td>Bronwyn Wilson, M.D., MPH</td>
<td>Professor</td>
<td>General Medicine</td>
</tr>
<tr>
<td>Bryan Wood, M.D.</td>
<td>Assistant Professor</td>
<td>Hospital Medicine</td>
</tr>
<tr>
<td>Anthony Worsham, M.D.</td>
<td>Associate Professor</td>
<td>Hospital Medicine</td>
</tr>
<tr>
<td>Terry Wu, Ph.D.</td>
<td>Research Assistant Professor</td>
<td>Global Health</td>
</tr>
<tr>
<td>Janice Yager, Ph.D.</td>
<td>Professor</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>Hui Yang, Ph.D.</td>
<td>Research Assistant Professor</td>
<td>Hematology/Oncology</td>
</tr>
<tr>
<td>Dongmei Ye, Ph.D.</td>
<td>Research Assistant Professor</td>
<td>Gastroenterology</td>
</tr>
<tr>
<td>Ellen Yee, M.D., MPH</td>
<td>Professor</td>
<td>General Medicine</td>
</tr>
<tr>
<td>Philip Zager, M.D.</td>
<td>Professor Emeritus</td>
<td>Nephrology</td>
</tr>
<tr>
<td>Elena Zamora, M.D.</td>
<td>Assistant Professor</td>
<td>Pulmonary/Critical Care/Sleep Medicine</td>
</tr>
</tbody>
</table>
## Internal Medicine Fellows 2011-2012

### Cardiology

<p>| | | | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>![Image]</td>
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</tr>
<tr>
<td><strong>Ihab Alomari, M.D.</strong></td>
<td>First Year Fellow</td>
<td><strong>Vishal Goyal, M.D.</strong></td>
<td>Second Year Fellow</td>
<td><strong>Selby Oberton, M.D.</strong></td>
</tr>
<tr>
<td><strong>Heather Baxter, M.D.</strong></td>
<td>First Year Fellow</td>
<td><strong>Yasmin Hamirani, M.D.</strong></td>
<td>Third Year Fellow</td>
<td><strong>Allon Rafael, M.D.</strong></td>
</tr>
<tr>
<td><strong>Jon Blaschke, M.D.</strong></td>
<td>Second Year Fellow</td>
<td><strong>Carlos Macias-Argote, M.D.</strong></td>
<td>Third Year Fellow</td>
<td><strong>Alex Schevchuck, M.D.</strong></td>
</tr>
<tr>
<td><strong>Nathan Boyer, M.D.</strong></td>
<td>Third Year Fellow</td>
<td><strong>Joshua Mozes, M.D.</strong></td>
<td>Second Year Fellow</td>
<td><strong>Saadi Siddiqi, M.D.</strong></td>
</tr>
</tbody>
</table>

### Endocrinology

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<table>
<thead>
<tr>
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<tr>
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<td>![Image]</td>
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</tr>
<tr>
<td><strong>Christina Lovato, MD</strong></td>
<td>Second Year Fellow</td>
<td><strong>Rina Patel-Trujillo, DO</strong></td>
<td>First Year Fellow</td>
<td><strong>Hung Phuoc Nguyen, MD</strong></td>
</tr>
<tr>
<td><strong>Corinn Sadler, MD</strong></td>
<td>Second Year Fellow</td>
<td></td>
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</table>

### Gastroenterology

<p>| | | | | |</p>
<table>
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</tr>
<tr>
<td><strong>Ashwin Ashok, MD</strong></td>
<td>Third Year Fellow</td>
<td><strong>George Holman, MD</strong></td>
<td>First Year Fellow</td>
<td><strong>Yen N. Quang, PharmD, MD</strong></td>
</tr>
<tr>
<td><strong>Rodney Engel, MD</strong></td>
<td>Second Year Fellow</td>
<td><strong>Archana Kaza, MD</strong></td>
<td>Third Year Fellow</td>
<td><strong>Brian Story, MD</strong></td>
</tr>
<tr>
<td><strong>Sarita Gayle, MD</strong></td>
<td>First Year Fellow</td>
<td><strong>Adam Mougey, MD</strong></td>
<td>Third Year Fellow</td>
<td><strong>Erich Vorlop, MD</strong></td>
</tr>
<tr>
<td><strong>Laurel Hartwell, MD</strong></td>
<td>First Year Fellow</td>
<td><strong>Leslie Price, MD</strong></td>
<td>Second Year Fellow</td>
<td><strong>Moustafa Youssef, MD</strong></td>
</tr>
</tbody>
</table>
**GERIATRICS**

| Photo not available | Natavan Karimova, MD |

**HEMATOLOGY/ONCOLOGY**

| Thomas Downs, MD | Cristhiam Rojas Hernandez, MD | Ankita Shah Patel, MD |
| Waheed Murad, MD |

**INFECTIONOUS DISEASES**

| Kingsley Asare, DO | Firas Aswad, MD | Luong Phu Nguyen, MD |
| Kari Yacisin, MD |

**NEPHROLOGY**

| Amandeep Chadha, MD  
First Year Fellow | David Mills, MD  
First Year Fellow | Amarpreet Sandhu, DO  
First Year Fellow |
| Rabeea Choudhary, MD  
Second Year Fellow | Tudor Ocneanu, MD  
Second Year Fellow | Deetu Simh, MD  
Second Year Fellow |
| David Chua, MD  
First Year Fellow | Carlos Reyes, MD  
Second Year Fellow | Zhi (Ken) Xu, MD  
Second Year Fellow |
### PULMONARY/CRITICAL CARE/SLEEP MEDICINE

<table>
<thead>
<tr>
<th></th>
<th>Hassan Abouhouli, MD</th>
<th>Pablo Garcia, MD</th>
<th>Shahana Masood, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sleep Medicine Fellow</td>
<td>Critical Care Fellow</td>
<td>Sleep Medicine Fellow</td>
</tr>
<tr>
<td>Shozab Ahmed, MD</td>
<td>Critical Care Fellow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jarrod Frizzell, MD</td>
<td>Pulmonary/Critical Care Fellow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theresa Heynekamp, MD</td>
<td>Pulmonary/Critical Care Fellow</td>
<td></td>
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</tbody>
</table>

### RHEUMATOLOGY

<table>
<thead>
<tr>
<th></th>
<th>Suzanne Emil, MD</th>
<th>Hillary Norton, MD</th>
<th>Leslie Sanchez-Goettler, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Junior Fellow</td>
<td>Senior Fellow</td>
<td>Junior Fellow</td>
</tr>
</tbody>
</table>
### Internal Medicine Housestaff 2011-2012

<table>
<thead>
<tr>
<th>UNM Chief Resident</th>
<th>VA Chief Resident</th>
<th>VA Chief Resident-Primary Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alisha Parada, MD</td>
<td>Leonardo Macias, MD</td>
<td>Eva Angeli, MD</td>
</tr>
<tr>
<td>Graduated from the University of New Mexico School of Medicine</td>
<td>Graduated from Universidad Autonoma de Baja California</td>
<td>Graduated from the University of New Mexico School of Medicine</td>
</tr>
<tr>
<td>Completed Residency at UNM Department of Internal Medicine; completed Primary Care and Integrative Medicine Tracks.</td>
<td>Completed Residency at UNM Department of Internal Medicine</td>
<td>Completed Residency at UNM Department of Internal Medicine; completed Primary Care Track.</td>
</tr>
</tbody>
</table>

### Housestaff – Program Year 1

<table>
<thead>
<tr>
<th>Omar Abu Saleh, MD</th>
<th>Jeramiah Bustos, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate of Jordan University of Science and Technology</td>
<td>Jeramiah Bustos went to medical school at the University of New Mexico School of Medicine</td>
</tr>
<tr>
<td>Ahmad Allaham, MD</td>
<td>Rory Carrera, MD</td>
</tr>
<tr>
<td>Graduate of Jordan University of Science and Technology</td>
<td>Rory Carrera went to medical school at the University of Utah</td>
</tr>
<tr>
<td>Sara Arguello, MD</td>
<td>Leslie Colip, MD</td>
</tr>
<tr>
<td>Sara Arguello went to medical school at Tulane School of Medicine.</td>
<td>Graduate of Temple University School of Medicine</td>
</tr>
<tr>
<td>Nada Bader, MD</td>
<td>Jerome Cordova, MD</td>
</tr>
<tr>
<td>Graduate of University of Jordan</td>
<td>Jerome Cordova went to medical school at the University of New Mexico</td>
</tr>
<tr>
<td>Michel Barakat, MD</td>
<td>Wei Wei (Wendy) Dai, DO</td>
</tr>
<tr>
<td>Michael M. Barakat went to medical school at the University of Utah School of Medicine</td>
<td>Wendy Dai went to medical school at Texas College of Osteopathic Medicine.</td>
</tr>
<tr>
<td>Kristen Barrett, MD</td>
<td>Alexander Davis, MD</td>
</tr>
<tr>
<td>Kristen Barrett went to medical school at Royal College of Surgeons in Ireland.</td>
<td>Alexander Davis went to medical school at the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Name</td>
<td>Institution</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Erin FitzGerald, DO</td>
<td>University of New England College of Osteopathic Medicine.</td>
</tr>
<tr>
<td>Jason Fredriksen, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Taylor Goot, MD</td>
<td>University of Texas Medical School at Houston</td>
</tr>
<tr>
<td>Lucie Griffin, DO</td>
<td>Graduate of Des Moines University College of Osteopathic Medicine</td>
</tr>
<tr>
<td>Whitney Griffith, MD</td>
<td>Graduate of Jagiellonian University Medical College (Poland)</td>
</tr>
<tr>
<td>Sergio Huerta, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Jacob Imber, MD</td>
<td>University of Kansas School of Medicine.</td>
</tr>
<tr>
<td>Krysta Johnson-Martinez, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Trisstin Maroney, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Emily Newsom, MD</td>
<td>Graduate of Tulane University School of Medicine</td>
</tr>
<tr>
<td>Karen Niehaus, MD</td>
<td>Wright State Boonshoft School of Medicine.</td>
</tr>
<tr>
<td>Amar Patel, MD</td>
<td>Graduate of University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Aaron Pierce, MD</td>
<td>Graduate of University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Lindsey Riggin, MD</td>
<td>Tulane University School of Medicine.</td>
</tr>
<tr>
<td>Luis Salayandia, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Michael Stucky, MD</td>
<td>University of Colorado Denver School of Medicine</td>
</tr>
<tr>
<td>Lawrence Tafoya, MD</td>
<td>University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td>Liviya Thoreson, DO</td>
<td>Western University of Health Sciences College of Osteopathic Medicine of the Pacific.</td>
</tr>
<tr>
<td>Kristen Upchurch, MD</td>
<td>Harvard Medical School.</td>
</tr>
<tr>
<td>Alfred Van Baak, MD</td>
<td>Universidad de Sao Paulo, Brazil.</td>
</tr>
<tr>
<td>Stewart Walther, MD</td>
<td>Texas Tech University Health Science Center.</td>
</tr>
</tbody>
</table>
## Housestaff – Program Year 2

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School and Details</th>
</tr>
</thead>
<tbody>
<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>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>
### Housestaff – Program Year 3

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School/University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emran Abu Atherah, MD</strong></td>
<td>Emran Abu Atherah went to medical school at the University of Jordan.</td>
</tr>
<tr>
<td><strong>LaWanda Jim, MD</strong></td>
<td>Graduate of the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td><strong>Tarik Alhmoud, MD</strong></td>
<td>Graduate of the University of Jordan.</td>
</tr>
<tr>
<td><strong>Morgan Lyons, DO</strong></td>
<td>Morgan Lyons went to medical school at Arizona College of Osteopathic Medicine.</td>
</tr>
<tr>
<td><strong>Munif Alkouz, MD</strong></td>
<td>Graduate of the University of Jordan.</td>
</tr>
<tr>
<td><strong>Marc Montanaro, MD</strong></td>
<td>Graduate of the Oregon Health Sciences University School of Medicine.</td>
</tr>
<tr>
<td><strong>Romy Cabacungan, MD</strong></td>
<td>Romy Cabacungan Jr. went to medical school at Our Lady of Fatima College of Medicine, Philippines.</td>
</tr>
<tr>
<td><strong>Muhammed Raza Naqvi, MD</strong></td>
<td>Graduate of the Rawalpindi Medical College, Pakistan.</td>
</tr>
<tr>
<td><strong>Karen Cardon, MD</strong></td>
<td>Karen Cardon went to medical school at the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td><strong>Leigh Ann Neely, MD</strong></td>
<td>Leigh Ann F. Neely went to medical school at the University of Colorado.</td>
</tr>
<tr>
<td><strong>Elizabeth (Sage) Colombo, MD</strong></td>
<td>Graduate of the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td><strong>Sonia Ponce, MD</strong></td>
<td>Sonia G. Ponce went to medical school at the University of Utah School of Medicine.</td>
</tr>
<tr>
<td><strong>Star Fowler, DO</strong></td>
<td>Graduate of the Arizona College of Osteopathic Medicine of Midwestern University.</td>
</tr>
<tr>
<td><strong>Shalini Ravi-Kumar, MD</strong></td>
<td>Graduate of the Kilpauk Medical College, India.</td>
</tr>
<tr>
<td><strong>Mark Garcia, MD</strong></td>
<td>Graduate of the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td><strong>Patrick Rendon, MD</strong></td>
<td>Graduate of the University of New Mexico School of Medicine.</td>
</tr>
<tr>
<td><strong>Ravneet Grewal, MD</strong></td>
<td>Ravneet Grewal went to medical school at Government Medical College, Amritsar, India.</td>
</tr>
<tr>
<td><strong>Bradley Rosen, DO</strong></td>
<td>Graduate of the Michigan State University College of Osteopathic Medicine.</td>
</tr>
<tr>
<td><strong>Mariam Hashimi, DO</strong></td>
<td>Graduate of Touro College of Osteopathic Medicine.</td>
</tr>
<tr>
<td><strong>Seth Scott, MD</strong></td>
<td>Graduate of the University of Cincinnati College of Medicine.</td>
</tr>
<tr>
<td><strong>Paul Hassett, DO</strong></td>
<td>Graduate of the Oklahoma State University College of Osteopathic Medicine.</td>
</tr>
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