

# *Department of Medicine* **Annual Report**

*Academic Year*  
**2011-2012**



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**Department of Medicine**  
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**STATEMENT FROM THE CHAIRMAN**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

Dear Colleagues and Friends:

I am pleased to provide you the Annual Report of the Department of Medicine at the University of Florida College of Medicine-Jacksonville for the academic year July 2011 through June 2012. I will briefly describe the departmental accomplishments for the past year.

**Patient care:** The Department was successful in increasing the revenues and limiting the operational costs which resulted in a budgetary surplus of \$1,057,645. The clinical excellence of the faculty, coupled with continued improvements in clinical operations, led to improvement in patient satisfaction scores in several of our clinical units. Our goal is to strive for over 90% excellent rating in patient satisfaction questionnaires.

**Education:** The Departmental faculty members continued to excel in educating students and residents. There were 14 faculty members in the Department who received the Exemplary Teacher Award. The scholarly productivity of the house staff was exceptionally good. Over 38% of research presentations on Research Day were made by Medicine house staff. The first and second place prize winners of the platform presentations and the first prize winner among the poster presentations were trainees in the Department. The three year rolling average for Board pass rate in the core program is 89%, significantly higher than the national average of 86%. Continuing Medical Education (CME) initiatives were offered by all the Divisions within the Department.

**Research:** The Department had a productive year in research and scholarly output. There were a total of 136 peer reviewed publications and 22 book chapters and editorials authored by faculty members. Faculty made 141 national and regional presentations. During the academic year 2012, we had 23 funded investigators who had extramural funding.

Undoubtedly, the accomplishments of the Department of Medicine could not have been possible without the dedication and hard work of the Departmental faculty and staff. Nevertheless, we in the Department are fully aware that our success is facilitated by the collegial support we receive from the other Departments and clinical units as well as the support and guidance of the leadership of the Medical School and the Hospital. On behalf of the Department, I want to express our gratitude to all those who have been supportive to the Department.

Sincerely,

Arshag D. Mooradian, M.D.  
Professor and Chairman

**DEPARTMENT ORGANIZATIONAL OVERVIEW**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

**Arshag D. Mooradian, M.D.**

Chairman, Department of Medicine

**Linda R. Edwards, M.D.**

Associate Chair, Department of Medicine

**Jeffrey House, D.O.**

Program Director, Internal Medicine Residency

**Christina Bailey, M.D.**

Associate Program Director, Internal Medicine Residency

**Carlos Palacio, M.D., M.P.H.**

Associate Program Director, Internal Medicine Residency and Associate Director, Medical Student Clerkship

**Irene Alexandraki, M.D., M.P.H.**

Director, Medical Student Clerkship

**Michael Haas, Ph.D.**

Director of Research

**Donald Gilcrist, M.B.A.**

Administrator

**Nanci Morton**

Administrative Manager

**DIVISION CHIEFS**

**Cardiology**

Theodore Bass, M.D.

**Endocrinology, Diabetes and Metabolism**

Kent R. Wehmeier, M.D.

**Gastroenterology**

James Scolapio, M.D.

**General Internal Medicine**

Linda R. Edwards, M.D.

**Hematology and Medical Oncology**

Fauzia Rana, M.D.

**Infectious Disease**

Michael Sands, M.D., M.P.H. &amp; T.M.

**Nephrology and Hypertension**

Charles Heilig, M.D.

**Pulmonary, Critical Care and Sleep Medicine**

Abubakr Bajwa, M.D.

**Rheumatology and Clinical Immunology**

Ghaith Mitri, M.D., M.M.M.

**RESIDENTS/FELLOWS****Chief Residents**

Justin Federico, D.O.  
Hammad Jafri, M.D.

**Housestaff I**

Ahmad Alkaddour, M.D.  
Christopher Bailey, D.O.  
Jason Bellardini, M.D.  
Jason Hew, M.D.  
Alexandra Joseph, M.D.  
Aisha Khan, D.O.  
Paul Maraj, M.D.  
Christina Mathai, M.D.  
Trevanne Matthews-Hew, M.D.  
Garry McCulloch, M.D.  
Ke Ning, M.D.  
Michael Pizzi, D.O.  
Avinash Ramdass, M.D.  
Wesley Thompson, D.O.  
Jean Touchan, M.D.  
Kasey Treger, D.O.

**Housestaff II**

Candice Aurelus, M.D.  
Ronald Brown II, M.D.  
Matthew Clark, M.D.  
Madhu Emani, M.D.  
Stanley Giddings, M.D.  
Vishal Jaikaransingh, M.D.  
Priyanka Kapoor, M.D.  
Jaisri Maharaj, M.D.  
Siva Marri, M.D.  
Sumit Narula, M.D.  
Laurie Ramrattan, M.D.  
Tanya Reimschissel, D.O.  
Marwan Shaikh, M.D.  
Estela Thanos, D.O.

**Housestaff III**

Ramandeep Bambrah, M.D.  
Chandrikha Chandrasekharan, M.D.  
Emily Christman, M.D.  
Sarada Jaimungal, M.D.  
Arezo Karmand, M.D.  
Cristian Landa, M.D.  
Ann Lee, M.D.  
Joel Martinez-Ramirez, M.D.  
Reshma Ramlal, M.D.

**Medical School**

Lake Erie College of Osteopathic Medicine  
Sindh Medical College

**Medical School**

Jordan University of Science and Technology  
Nova Southeastern College of Osteopathic Medicine  
American University of Antigua  
University of the West Indies, Jamaica  
Ross University School of Medicine  
Nova Southeastern College of Osteopathic Medicine  
University of the West Indies, Trinidad  
St. George's University  
University of the West Indies, Jamaica  
St. Matthews University  
Ross University School of Medicine  
Chicago College of Osteopathic Medicine-Midwestern  
University of the West Indies, Trinidad  
Chicago College of Osteopathic Medicine-Midwestern  
Aleppo University  
College of Osteopathic Medicine of the Pacific

**Medical School**

Howard University College of Medicine  
University of Louisville School of Medicine  
St. Matthews University  
Bangalore Medical College  
University of the West Indies, Trinidad  
University of the West Indies, Trinidad  
Kasturba Medical College  
University of the West Indies, Trinidad  
NTR University of Health Sciences  
Kasturba Medical College  
University of the West Indies, Trinidad  
Lake Erie College of Osteopathic Medicine  
University of Toledo College of Medicine  
Lake Erie College of Osteopathic Medicine

**Medical School**

Ross University School of Medicine  
Tamil Nadu Dr MGR Medical University  
Georgetown University School of Medicine  
University of the West Indies, Trinidad  
Ross University School of Medicine  
Ross University School of Medicine  
Ross University School of Medicine  
University of Puerto Rico School of Medicine  
University of the West Indies, Trinidad

Vinoo Ramsaran, M.D.  
 Rohan Samson, M.D.  
 Miloni Shroff, M.D.  
 Amita Singh, M.D.  
 Ryan Wilson, M.D.

University of the West Indies, Trinidad  
 Tamil Nadu Dr MGR Medical University  
 Mahatma Gandhi Mission's Medical College  
 M.P. Shah Medical College  
 Ross University School of Medicine

### **Subspecialty Fellowship Program Directors**

Cardiac Electrophysiology  
 Cardiology  
 Endocrinology  
 Gastroenterology  
 Interventional Cardiology  
 Infectious Disease  
 Medical Oncology  
 Nephrology  
 Peripheral Vascular Disease  
 Pulmonary Critical Care  
 Rheumatology

Steven Hsu, M.D.  
 Steven Lavine, M.D.  
 Kent Wehmeier, M.D.  
 James Scolapio, M.D.  
 Theodore Bass, M.D.  
 Michael Sands, M.D.  
 Dat Pham, M.D.  
 Charles Heilig, M.D.  
 Luis Guzman, M.D.  
 J. Davis Cury, M.D.  
 Gurjit Kaeley, M.D.

### **Subspecialty Fellow – Housestaff IV**

Alian Aguila, M.D. - Cardiology  
 James Altman, M.D.- Cardiology  
 Hammad Bhatti, M.D. - Pulmonary Critical Care  
 Ankur Girdhar, M.D. - Pulmonary Critical Care  
 Line Kemeyou, M.D. - Cardiology  
 Hagop Kojanian, M.D. - Endocrinology  
 Bijo Kythaparampil John, M.D. - Gastroenterology  
 Camille McGaw, M.D. - Gastroenterology  
 Raguveer Murthy, M.D. - Cardiology  
 Manish Relan, M.D. - Rheumatology  
 Muhammad Salahuddin, M.D. - Nephrology  
 Qurrat Shamim, M.D. - Nephrology  
 Anna Szafran-Swietlik, M.D. - Endocrinology  
 Shawn Tai, M.D. - Medical Oncology  
 Diane Vanhorne-Padilla, M.D. - Infectious Disease

### **Subspecialty Fellow – Housestaff V**

Michael Babcock, M.D. – Cardiology  
 Lacie Brenner, M.D. – Gastroenterology  
 Melvin Bullock, M.D. – Gastroenterology  
 Andrew Darlington, D.O. – Cardiology  
 Philip Habib, M.D. – Cardiology  
 Margaret Gladysz, M.D. – Endocrinology  
 Rachel Lee, M.D. – Cardiology  
 Reuben Maggard, M.D. – Nephrology  
 Jasdip Matharu, M.D. – Pulmonary Critical Care  
 Sandra Mesliniene, M.D. – Endocrinology  
 Taren Ohman, M.D. – Medical Oncology  
 Ambar Patel, M.D. – Cardiology  
 Harendra Patel, M.D. – Cardiology  
 Bharani Pinisetty, M.D. – Infectious Disease  
 Tauseef Qureshi, M.D. – Pulmonary Critical Care  
 Jamal Salameh, M.D. – Nephrology  
 Ho Vu, M.D. – Medical Oncology

### **Medical School**

University of Miami School of Medicine  
 Medical University of South Carolina College of Medicine  
 King Edward Medical College, University of Punjab  
 All-India Institute of Medical Sciences  
 University of Texas Southwestern Medical School at Dallas  
 Aleppo University  
 Rajiv Gandhi University of Health Sciences  
 Howard University College of Medicine  
 University of South Florida College of Medicine  
 Armed Forces Medical College University of Pune  
 Ross University School of Medicine  
 Dow Medical College, University of Karachi  
 Medical University of Silesia  
 Ross University School of Medicine  
 Universidad De Mexico American Del Norte

### **Medical School**

Wake Forest University  
 Medical College of Georgia  
 Medical College of Georgia  
 Philadelphia College of Osteopathic Medicine  
 Northeastern Ohio University College of Medicine  
 Ross University School of Medicine  
 University of Hawaii John A Burns School of Medicine  
 University of Kentucky College of Medicine  
 St. George's University School of Medicine  
 Vilnius University  
 St. George's University School of Medicine  
 University of Florida College of Medicine  
 University of Alabama School of Medicine  
 NTR University of Health Sciences  
 St. George's University School of Medicine  
 Northeastern Ohio University College of Medicine  
 Ross University School of Medicine

**Subspecialty Fellow – Housestaff VI**

Junaid Ahmed, M.D. – Cardiology  
Jeffrey Blackburn, M.D. – Cardiology  
Jelica Janicijevic, M.D. – Cardiology  
Herman Kado, M.D. – Cardiology  
Suraj Naik, M.D. – Gastroenterology  
Vинny Samuel, M.D. – Pulmonary Critical Care  
Vandana Seeram, M.D. – Pulmonary Critical Care  
Nina Singh, M.D. – Gastroenterology  
Siva Suryadevara, M.D. – Cardiology

**Subspecialty Fellow – Housestaff VII**

Bosede Afolabi, M.D. - Cardiac Electrophysiology  
Shahdad Azmoon, M.D. - Interventional Cardiology  
Aman Khurana, M.D. - Peripheral Vascular Disease  
Bharat Gummadi, M.D. - Interventional Cardiology

**Medical School**

Creighton University School of Medicine  
University of South Carolina School of Medicine  
Temple University School of Medicine  
Wayne State University School of Medicine  
University of Texas Southwestern Medical School  
Ross University School of Medicine  
University of West Indies  
University of Florida College of Medicine  
University of West Indies

**Medical School**

University of Lagos  
Temple University School of Medicine  
Gajra Raja Medical College  
St. George’s University School of Medicine

**GRADUATE MEDICAL EDUCATION**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)****Highlights**

The Internal Medicine Residency Program, along with the accompanying fellowships, continued its success during the 2012 academic year. Still enjoying full accreditation and robust cycle lengths, the training programs continued to focus on excellence in education, research, and clinical care. The program continues to focus on recruiting strong interns and then providing them with the mentorship to become successful in the future. This report will review some of the reasons for this past year's success.

Internal Medicine Residency Program: Much of the perceived success of any residency training program is their board pass rate. The ABIM continues to monitor and report the three year rolling average of all programs in the country. This program is proud to report that the three year rolling average for its graduates is 89%, significantly higher than the national average of 86%. This is also higher than most internal medicine training programs within the state of Florida. This success is a testament to the hard work the trainees have put into board preparation as well as the teaching contributions from the faculty.

This past academic year was the second full year with program leadership of Drs. House, Bailey, and Palacio. They continued to build upon their previous experiences to further advance the training environment. As with previous years, the incoming intern class for 2011-12 had an average two digit USMLE step 1 score of 92. When combined with the step 1 scores of the second and third year classes, the average comes to 92.3, marking the highest combined average score recorded. The graduating class of 2011 was overall very successful in attaining their career goals. Seven of the graduates have gone on to fellowship training, four have gone into hospital based practices, and 2 residents stayed on as administrative chief residents. Although hospital medicine continues to be popular amongst graduates who do not subspecialize, the program was pleased to have one resident going into a traditional Internal Medicine practice. The program continued its proud tradition of having excellent administrative chief residents. Drs. Jafri and Federico worked tirelessly as teachers, mentors, clinicians and researchers. The residency was proud to have Drs. Jaikaransingh, Chandrasekharan, and Ramlal represent the state of Florida at the National American College of Physicians Doctors Dilemma competition. As in previous years, a number of faculty within the Department received Exemplary Teacher Awards including three core faculty, Drs. Nilmarie Guzman, Fauzia Rana, and Jeff House. The University's Annual Research Day was another success for the training program. First, 38% of platform and poster presentations were from the department's fellows and residents. Even more impressive was Dr. Ryan Wilson winning first place prize and Dr. Rohan Samson receiving the second place prize for the oral platform presentations. In other areas of research, residents submitted abstracts to the Florida Chapter American College of Physicians Meetings, American College of Physicians Internal Medicine Update, American Federation for Medical Research Southern Regional Meeting, Southern Hospital Medicine Conference, CHEST Annual Meeting, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease & Stroke Scientific Sessions and the American College of Gastroenterology Annual Meeting. Resident research accounted for 5 published manuscripts, 7 published abstracts and 55 poster/oral presentations.

Subspecialty Fellowship Programs: This past academic year marks the first year for the Rheumatology and Peripheral Vascular Disease fellowships. With the addition of this fellowship training program, the total postgraduate fellowship now is up to 10. Headed by accomplished and enthusiastic directors and associate directors, these programs continue to mature and are ready to face the new challenges that are sure to come in the upcoming years. As with the core program, these fellowships enjoy long accreditation cycles but will need to adapt to the Next Accreditation System that is being put forth by the ACGME. As with prior reports, individual acknowledgement of each fellowships' accomplishments will be noted in each divisions' report.



Student Education: Drs. Alexandraki and Palacio had another successful year as clerkship directors. Students continue to have rotations in inpatient and ambulatory settings, and their evaluations of these rotations are consistently positive. Requests for elective rotations from students from other medical schools continue to grow, further evidence of the positive experience that students have had on our campus.

### LISTING OF PROGRAM LEADERSHIP



**Justin Federico, D.O., Post-doctoral Associate and Chief Medical Resident**

Medical School / Graduation date	Lake Erie College of Osteopathic Medicine	2008
Internship/residency and year	University of Florida Jacksonville	2011
Chief Medical Resident	University of Florida Jacksonville	2012



**S. Hammad Jafri, M.D., Post-doctoral Associate and Chief Medical Resident**

Medical School / Graduation date	Sindh Medical College, University of Karachi	2005
Internship/residency and year	University of Florida Jacksonville	2011
Chief Medical Resident	University of Florida Jacksonville	2012



**Irene Alexandraki, M.D., Associate Professor and Student Clerkship Director**

Medical School / Graduation date	University of Athens	1989
Internship/residency and year	Hahneman University	1998
Subspecialty training and year	Infectious Disease/Baylor College of Medicine	2001



**Christina Bailey, M.D., Assistant Professor and Associate Program Director**

Medical School / Graduation date	University of Texas, Houston	1995
Internship/residency and year	University of Florida Jacksonville	1998
Subspecialty training and year	Infectious Diseases/University of Florida Jacksonville	2000



**Jeff House, D.O., Assistant Professor and Program Director**

Medical School / Graduation date	Nova Southeastern University	1997
Rotating Internship	Broward General Hospital	1998
Internship/residency and year	University of Florida Jacksonville	2001



**Carlos Palacio, M.D., Associate Professor, Associate Program Director, and Associate Student Clerkship Director**

Medical School / Graduation date	University of Miami	1993
Internship/residency and year	University of Florida Jacksonville	1996
Chief Medical Resident	University of Florida Jacksonville	1997

## PUBLICATIONS

### Published manuscripts:

Ferreiro JL, Ueno M, Tomasello SD, (**Seecheran N, Darlington A, Pham JP**) et al. Pharmacodynamic Evaluation of Pantoprazole Therapy on Clopidogrel Effects: Results of a Prospective, Randomized, Crossover Study. *Circ Cardiovasc Interv.* 2011 Jun 1;4(3):273-9.

Capodanno D, Patel A, Dharmashankar K, (**Seecharan N, Darlington A**) et al. Pharmacodynamic effects of different aspirin dosing regimens in type 2 diabetes mellitus patients with coronary artery disease. *Circ Cardiovasc Interv.* 2011 Apr 1;4(2):180-7.

Ueno M, Ferreiro JL, Tomasello SD, (**Seecheran N**) et al. Functional profile of the platelet P2Y12 receptor signaling pathway in patients with type 2 diabetes mellitus and coronary artery disease. *Thromb Haemost.* 2011 Jan 12;105(4).

Ferreiro JL, Ueno M, Capodanno D, (**Darlington A**) et al. Pharmacodynamic effects of concomitant versus staggered clopidogrel and omeprazole intake: results of a prospective randomized crossover study. *Circ Cardiovasc Interv.* 2010 Oct;3(5):436-41.

**Ramsubeik K, Maharaj R, Reddy S, Khan M.** Is early TPN in hyperemesis gravidarum worth the risk? *Northeast Florida Medicine.* 2010; 61(2):44.

**Girdhar A, Zaiden R.** A 54-year-old man with right opaque hemithorax and worsening shortness of breath. *Respiration.* 2010;79(2):157-9.

### Published abstracts:

**Riaz H,** Latif N, Rana F. Autoimmune hemolytic anemia and Hodgkin's lymphoma. *Comm Onc.* 2010; 7(11):505-508.

**Reddy SC, Ramsubeik K, Federico JR,** et al. Do HbA1C levels correlate with delayed gastric emptying in diabetic patients? *J Neurogastroenterol Motil.* 2010;16(4):414-7.

### Presentations:

**Wilson R.** Retrospective validation of a simplified algorithm for field identification of ST elevation myocardial infarction (STEMI) patients by emergency medicine services (EMS) personnel using a simplified Field STEMI alert clinical tool. Poster presentation. Fourteenth Congress of Chest Pain Centers, Miami, FL. May 2-5, 2011.

**Wilson R.** Retrospective validation of pre-hospital electrocardiogram with zoll e-series monitoring system for field identification of ST Elevation myocardial infarction patients. 1<sup>st</sup> Place Winner - Platform Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Bambrah R.** Hydroxyurea induced palmar plantar erythrodysesthesia (hand foot syndrome) in an adult sickle cell patient: a case report. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Bambrah R.** Heparin induced thrombocytopenia. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Federico J.** Pneumococcal pericarditis with subsequent constrictive pericarditis in an HIV (+) male. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Gazzala J.** An unusual case of rheumatoid arthritis presenting as giant synovial hip cysts: case report. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Girdhar A.** An unusual cause of pulmonary artery hypertension in a patient with chronic obstructive airway disease. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Hegde S.** Extensive subcutaneous calcinosis in a patient with SLE. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Izhar M.** Pulmonary hypertension secondary to pulmonary veno-occlusive disease: a rare and challenging disease

entity. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Jafri SH.** Transient thyroxicosis paralysis: a case of thyrotoxicosis presenting with transient paralysis in a young African American male. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Koduru S.** Chronic hypoxia in a young lady with pulmonary AVMs. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Maharaj J.** Hydralazine-induced pulmonary-renal syndrome: case report. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Ramlal R.** Renal cell carcinoma presenting as blindness. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Ramlal R.** A case of squamous cell carcinoma of the breast. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Ramlal R.** Hairy cell leukemia variant – a rare hematological malignancy. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Ramlal R.** A fatal case of dress syndrome. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Ramrattan LA.** Malignant duodenal melanoma presenting as iron deficiency anemia. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Riaz H.** Autoimmune hemolytic anemia and Hodgkin's disease. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Riaz H.** The use of Herceptin as a neo-adjuvant in Her-2 positive breast cancer. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Salahuddin M.** Post-cardiac injury syndrome: a rare complication after a transvenous pacemaker placement. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Salahuddin M.** Spindle cell carcinoma: a rare and challenging disease entity. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Salahuddin M.** Transplantation of hepatitis c positive kidneys into selected hepatitis c negative recipients. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Tai S.** Association between breast cancer receptors status with body mass index and ethnicity. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Wilson R.** Retrospective validation of a simplified algorithm for field identification of ST elevation myocardial infarction (STEMI) patients by emergency medicine services (EMS) personnel using a simplified field stemi alert clinical tool. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Wilson R.** Retrospective validation of pre-hospital electrocardiogram with zoll e-series monitoring system for field identification of St elevation myocardial infarction patients. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Zhou L.** Rare case of renal cell carcinoma presenting as a cutaneous horn. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Khaja W.** Visual axis opacification in children. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Salahuddin M, Sakhamuri H, Sommer B, et al.** Transplantation of hepatitis c positive kidneys into selected hepatitis c negative recipients. Poster presentation. National Kidney Foundation Annual Meeting, Las Vegas, NV. April 2011.

**Riaz H.** The use of Herceptin as a neo-adjuvant in her-2 positive breast cancer. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Maharaj J,** Kaeley G. A case of hydralazine e-induced pulmonary-renal syndrome. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Ramlal R,** Rana F. Hairy cell leukemia variant – a rare hematological malignancy. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Christman E, Seecheran N,** Kottoor R. Intestinal spirochetosis: an unclear pathogen. Oral presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Bambrab R.** Hydroxyurea induced palmar plantar erythrodysesthesia (hand-foot syndrome) in an adult sickle cell patient: a case report. Oral presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Zhou L.** Myeloid sarcoma: a case report and review of the literature. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Ramlal R.** A case of squamous cell carcinoma of the breast. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Salahuddin M.** Post-Cardiac injury syndrome: A rare complication after dual chamber pacemaker placement. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Koduru S.** A case of Lemierre syndrome with methicillin-sensitive Staphylococcus aureus. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Christman E.** Bilateral optic neuritis in association with chronic hepatitis C. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Christman E, Seecheran N,** Kottoor R. Intestinal spirochetosis: an unclear pathogen. Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 2011.

**Khaja W,** Verma M, Yen K. Visual axis opacification in children. Poster presentation. American Academy of Ophthalmology Annual Meeting, Chicago, IL. October 2010.

## HONORS AND AWARDS

Ron Brown, MD	Intern of the Year	2011
Shawn Tai, MD	Resident of the Year	2011
Dave Cury, MD	Teacher of the Year	2011

American College of Physicians, Florida Chapter - Doctor's Dilemma™ State Champions:  
Drs. Chandrikha Chandrasekharan, Vishal Jaikaransingh and Reshma Ramlal.

UF College of Medicine Exemplary Teachers Award:

Drs. Irene Alexandraki, Linda Edwards, Malcolm T. Foster Jr., Ashwani Gupta, Nilmarie Guzman, Michael Haas, Jeffrey G. House, Alan B. Miller, Juan C. Munoz, Dat Pham, Fauzia N. Rana, Michael Sands and Robert A. Zaiden Jr.

Excellence in Student and Resident Education Awards:

Drs. Justin Federico, Jeff House and Ghania Masri are the recipients of the UF Gainesville Department of Medicine Honors Award for Excellence in Teaching Medical Students.

Dr. Cristian Landa was awarded the UF Gainesville Society of Teaching Scholars Excellence in Teaching Award.

Dr. Emily Christman was the recipient of the Ann Hardwood-Nuss, M.D. Resident Advocacy Award.

Dr. Reshma Ramlal was honored as the American College of Physicians Florida Chapter Resident of the Year.

Dr. Ryan Wilson was awarded the Malcolm T. Foster, Jr., MD Scholarship Award.

## ENDOWMENTS AND GIFTS

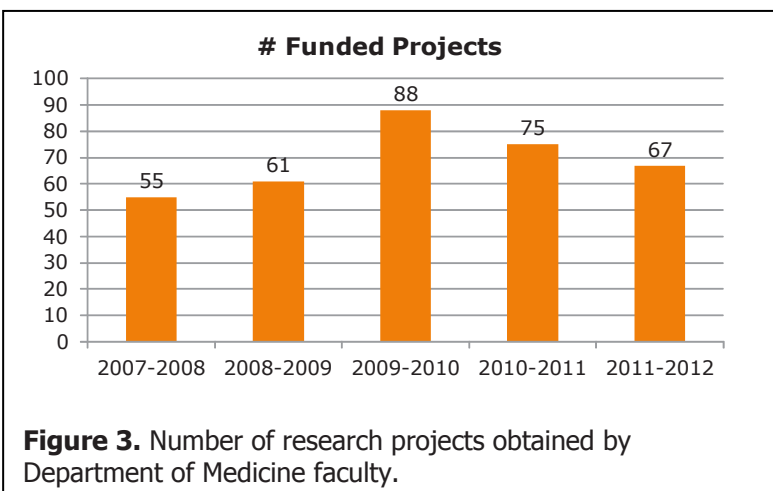
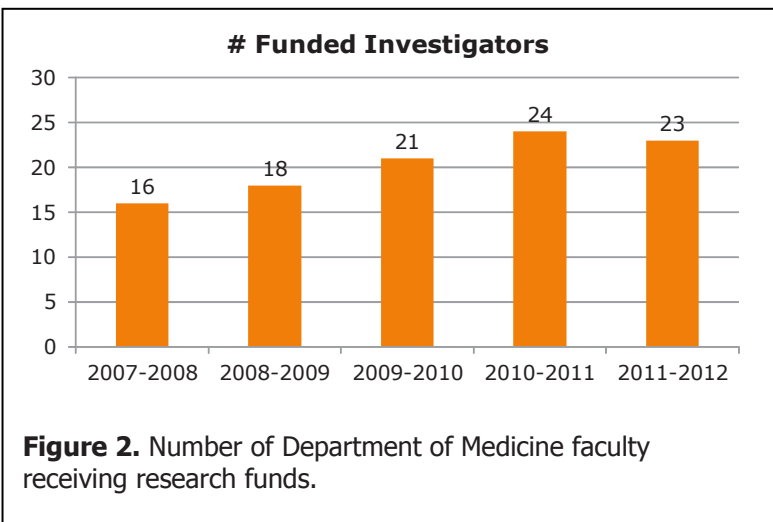
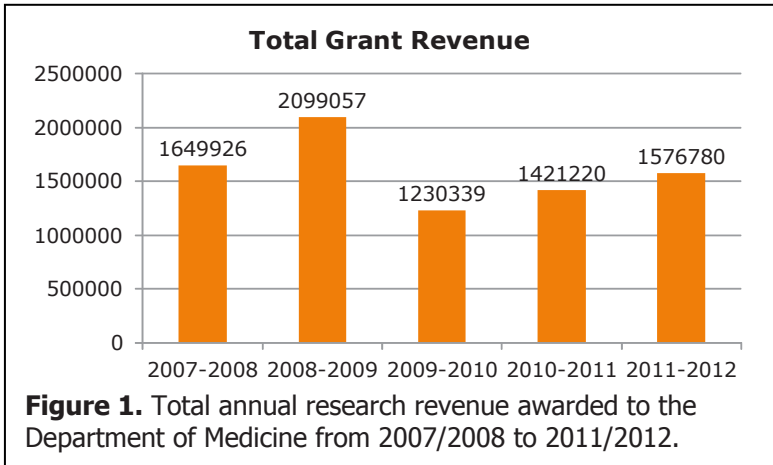
The Anne and Max Michael, Jr. Education Fund, Established 2006, by Mrs. Anne Michael

## CLASS OF 2012 DESTINATIONS

	Professional status	Location
<b>Chief Medical Residents</b>		
Justin Federico, D.O. S. Hammad Jafri, M.D.	Hospital Medicine Internal Medicine Faculty	Baptist Medical Center, Jacksonville University of Florida Jacksonville
<b>Preliminary Residents</b>		
Christopher Bailey, D.O. Michael Pizzi, DO, Ph.D.	Radiology Residency Neurology Residency	West Virginia University University of Florida Jacksonville
<b>Categorical Residents</b>		
Ramandeep Bambrah, M.D. Chandrikha Chandrasekharan, M.D. Emily Christman, M.D. Sarada Jaimungal, M.D. Arezo Karmand, M.D. Cristian Landa, M.D. Ann Lee, M.D. Joel Martinez-Ramirez, M.D. Reshma Ramlal, M.D. Vinoos Ramsaran, M.D. Rohan Samson, M.D. Miloni Shroff, M.D., M.P.H. Amita Singh, M.D. Ryan Wilson, M.D.	Medical Oncology Fellowship Palliative Care/Hospice Fellowship Chief Medical Resident Endocrinology Fellowship Hospital Medicine Internal Medicine Faculty Gastroenterology Fellowship Group Practice Hematology Oncology Fellowship Pulmonary Critical Care Fellowship Advanced Heart Failure Fellowship Infectious Disease Fellowship Pulmonary Critical Care Fellowship Chief Medical Resident	University of Florida Jacksonville Mayo Clinic, Rochester, MN University of Florida Jacksonville University of Maryland, Baltimore Baptist Medical Center, Jacksonville University of Florida Jacksonville University of Florida Jacksonville Lehigh Valley Hospital, Allentown, PA St. Louis University, Missouri University of Florida Jacksonville University of Washington, Seattle University of Texas Southwest-Dallas University of Florida Jacksonville University of Florida Jacksonville

**DEPARTMENT RESEARCH**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville's mission. Trends in external funding for the past five years are shown in **Figure 1**. External funding from federal, state, industry and foundation sources increased 10.9% this fiscal year compared to last. This occurred even though there was a decrease in the number of funded investigators (from 24 investigators last fiscal year to 23 investigators this fiscal year) (**Figure 2**) and a decrease in the number of funded projects (from 75 projects last fiscal year to 67 this fiscal year) (**Figure 3**).



Several faculty members in the Department of Medicine have basic/translational science projects in the Medical Research Building. **Michael Haas, Ph.D.** (Endocrinology) is investigating molecular mechanisms that regulate expression of genes involved in cholesterol transport and oxidative and endoplasmic reticulum stress. **Charles Heilig, M.D.** (Nephrology and Hypertension) is examining the regulation of glucose transporter 1 expression by mechano-growth factor. In appreciation of his excellent work, Dr. Heilig was the recipient of the 2012 Robert C. Nuss Researcher/Scholar award. **Xiaoyo Li, M.D., Ph.D.** (Gastroenterology) is examining the molecular basis for anti-viral responses to hepatitis C virus infection. Assisted by **Cristian Landa, M.D.** (General Internal Medicine), he is also examining the potential protective effect of vitamin D on hepatitis C virus infection in hepatocytes. He has several clinical trials of new investigational drugs on hepatitis C patients. **Leighton James, M.D.** (Nephrology and Hypertension) is examining the roles of various growth factors in diabetic kidney disease. **Minghui Xiang, Ph.D.** is examining the roles of Na<sup>+</sup>/K<sup>+</sup> antiporters in hypertension, diabetes, and schizophrenia.

Residents and sub-specialty fellows in the Department of Medicine have many opportunities to select a mentor and participate in basic, translational, epidemiological or clinical

research. Several residents and fellows received Deans Fund Research Grant funding, enabling them to carry out research projects under the mentorship of faculty. This has increased the scholarly output of our trainees. At research day, over 38% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. **Ryan Wilson, M.D.** (senior resident) and **Rohan Sampson, M.D.** (senior resident) placed first and second place, respectively, in the oral platform competition. **Lacie Brenner, M.D.** (fellow, Gastroenterology) won the first place prize for her poster presentation. **Michael Babcock, M.D.** (fellow, Cardiology) and **Anna Szafran-Sweitek, M.D.** (fellow, Endocrinology) received fourth and fifth place prizes for their poster presentations. These great outcomes are in part due to the desire and hard work of their faculty mentor. **Michael Haas, Ph.D.** and **Minghui Xiang, Ph.D.** have also worked with interns from the **Florida State College of Jacksonville Biotechnology** program.

**DIVISION OF CARDIOLOGY**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

## Highlights

Clinical program development remained robust including:

- Restructuring of the Lakeshore Practice and HMA partnership
- Creation and implementation of the Cardiovascular Hospitalist program resulting in decreased hospital LOS, increased CMI and great efficiency of care related to emergency room cv patients
- Initiation and maintenance of the Emerson CV clinic including front end financing and operations hitting all pre-set targets
- Restart vascular surgery partnership to be implemented this year
- Development of the multidisciplinary valve program with resulting increases in valve surgery and expansion of services both long and short term for patients with cardiac valvular disease. This project is moving forward with development of TAVR percutaneous valve program
- Developed marketing program for St Mary's CV practice
- Cardiac Women's Program started and has grown dramatically under direction of new faculty member Dr. Gladys Velarde
- Maintenance of STEMI transfer program receiving the American Silver Performance Achievement Award for excellence in measured outcomes.
- Continued growth of high risk coronary intervention services using left ventricular assist device
- Met or surpassed preset hospital productivity targets

## Customer Service:

Cardiology Goals for 2013 are as follows:

- Lake Shore Partnership phase 2
- Restructure of Cardiology Hospitalist program
- Valve Program: enhancing services and meeting needs of the surgical program
- Bring TAVR program on board
- Go live of EPIC phase 2, outpatient services
- Recruit for CHF leader
- Continue to build Emerson program
- Restart Vascular Surgery partnership
- Increase physician research productivity in sections currently less active
- Continue the support and growth of the Women's program
- Mentor medical director
- Personally, I will continue to Chair ABIM Interventional Board writing committee. I will finish vice chair assignment for ACCF/AHA/SCAI 2012 Update of the Clinical Competence Statement on Cardiac Interventional Procedures and assume Presidency of our national organization the Society of Cardiovascular Angiography and Intervention.

**Education:** Cardiovascular faculty received 2 Exemplary Teaching Awards. All three fellowships remain competitive and are comfortably in mid-review cycles. Our fellows and residents have received several research awards including Dean's grants. Our post-doc research fellows have also received this recognition.

During the last two years, the Cardiology fellows have developed a teaching curriculum for the medical students and Emergency Medicine residents when they rotate through the CCU. Readings and presentations are reviewed with the trainees and they are administered a pre-test and post-test after

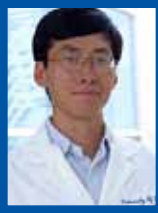


the completion of their rotation. There has also been a steady climb in the internal medicine/cardiology in service scores over the last several years.

**Research:** Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have over 25 active clinical trials many of which are locally investigator initiated. We have published over 50 peer-reviewed manuscripts, over 50 abstracts and presentations at local, national and international meetings and 13 book chapters. We currently hold leadership positions in most major CV societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding.

### LISTING OF FACULTY MEMBERS

	<b>Dominick Angiolillo, M.D. Ph.D., Associate Professor</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>The Catholic University of the Sacred Heart Medical School, Italy</td> <td>1997</td> </tr> <tr> <td>Internship/residency and year</td> <td>The Catholic University of the Sacred Heart Medical School, Italy</td> <td>1997</td> </tr> <tr> <td>Subspecialty training and year</td> <td>University Hospital of Salamanca, Spain/The Policlinico</td> <td>1998</td> </tr> <tr> <td></td> <td>Agostino Gemelli University Hospital, Italy/San Carlos</td> <td>2003</td> </tr> <tr> <td></td> <td>University Hospital</td> <td></td> </tr> </table>	Medical School / Graduation date	The Catholic University of the Sacred Heart Medical School, Italy	1997	Internship/residency and year	The Catholic University of the Sacred Heart Medical School, Italy	1997	Subspecialty training and year	University Hospital of Salamanca, Spain/The Policlinico	1998		Agostino Gemelli University Hospital, Italy/San Carlos	2003		University Hospital	
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	<b>Theodore Bass, M.D., Professor and Division Chief</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>Brown University</td> <td>1976</td> </tr> <tr> <td>Internship/residency and year</td> <td>Mayo Clinic</td> <td>1979</td> </tr> <tr> <td>Subspecialty training and year</td> <td>Boston University</td> <td>1981</td> </tr> </table>	Medical School / Graduation date	Brown University	1976	Internship/residency and year	Mayo Clinic	1979	Subspecialty training and year	Boston University	1981						
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Subspecialty training and year	Boston University	1981															
	<b>Lyndon Box, M.D., Assistant Professor</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>University of Mississippi – Birmingham, Alabama</td> <td>2001</td> </tr> <tr> <td>Internship/residency and year</td> <td>Carraway Methodist Medical Center/Oregon Health Sciences</td> <td>2002</td> </tr> <tr> <td></td> <td>University</td> <td>2004</td> </tr> <tr> <td>Subspecialty training and year</td> <td>University of Florida – Jacksonville, Florida</td> <td>2008</td> </tr> </table>	Medical School / Graduation date	University of Mississippi – Birmingham, Alabama	2001	Internship/residency and year	Carraway Methodist Medical Center/Oregon Health Sciences	2002		University	2004	Subspecialty training and year	University of Florida – Jacksonville, Florida	2008			
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	<b>Douglas Chapman, M.D., Associate Professor</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>Chicago Medical School</td> <td>1984</td> </tr> <tr> <td>Internship/residency and year</td> <td>University of Missouri</td> <td>1987</td> </tr> <tr> <td>Subspecialty training and year</td> <td>Michael Reese Hospital</td> <td>1990</td> </tr> </table>	Medical School / Graduation date	Chicago Medical School	1984	Internship/residency and year	University of Missouri	1987	Subspecialty training and year	Michael Reese Hospital	1990						
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	<b>Sunita Dodani, M.D., M.S., Ph.D., Associate Professor</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>The Aga Khan University, Pakistan</td> <td>1992</td> </tr> <tr> <td>Subspecialty training and year</td> <td>Dalhousie University (M.S.)</td> <td>2002</td> </tr> <tr> <td>Subspecialty training and year</td> <td>University of Pittsburgh (Ph.D.)</td> <td>2006</td> </tr> </table>	Medical School / Graduation date	The Aga Khan University, Pakistan	1992	Subspecialty training and year	Dalhousie University (M.S.)	2002	Subspecialty training and year	University of Pittsburgh (Ph.D.)	2006						
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	<b>Luis Guzman, M.D., Associate Professor</b>	<table border="0"> <tr> <td>Medical School / Graduation date</td> <td>University of Buenos Aires, Argentina</td> <td>1982</td> </tr> <tr> <td>Internship/residency and year</td> <td>Churruca-Visca Hospital, Argentina</td> <td>1986</td> </tr> <tr> <td>Subspecialty training and year</td> <td>Instituto Cardiovascular Buenos Aires, Argentina</td> <td>1989</td> </tr> </table>	Medical School / Graduation date	University of Buenos Aires, Argentina	1982	Internship/residency and year	Churruca-Visca Hospital, Argentina	1986	Subspecialty training and year	Instituto Cardiovascular Buenos Aires, Argentina	1989						
Medical School / Graduation date	University of Buenos Aires, Argentina	1982															
Internship/residency and year	Churruca-Visca Hospital, Argentina	1986															
Subspecialty training and year	Instituto Cardiovascular Buenos Aires, Argentina	1989															

**Steve Hsu, M.D., Associate Professor**

Medical School / Graduation date	Washington University	1990
Internship/residency and year	Thomas Jefferson University	1993
Subspecialty training and year	Thomas Jefferson University	1997

**Robert Kim, M.D., Assistant Professor**

Medical School / Graduation date	Tufts University School of Medicine – Boston, MA	1998
Internship/residency and year	St. Elizabeth's Medical Center – Boston, MA/ University of MA Medical Center-Worcester, MA	2001 2004
Subspecialty training and year	Dartmouth-Hitchcock Medical Center – Lebanon, NH	2008

**Steven Lavine, M.D., Professor**

Medical School / Graduation date	Temple University	1976
Internship/residency and year	Temple University	1979
Subspecialty training and year	Temple University	1981

**Alan Miller, M.D., Professor**

Medical School / Graduation date	University of Pittsburgh	1966
Internship/residency and year	Mount Sinai	1968
Internship/residency and year	George Washington University	1971
Subspecialty training and year	Cleveland Metropolitan Hospital	1973

**Joseph Pensabene, M.D., Assistant Professor**

Medical School / Graduation date	The Chicago Medical School	1984
Internship/residency and year	Overlook Hospital	1987
Subspecialty training and year	Cardiovascular Disease, Northwestern Memorial Hospital	1990
Subspecialty training and year	Interventional Cardiology, UCLA Medical Center	1991
Subspecialty training and year	Cardiac CT and Cardiac MRI, University of Florida – Jacksonville	2006

**Robert Percy, M.D., Associate Professor**

Medical School / Graduation date	University of Mississippi	1973
Internship/residency and year	University of Mississippi	1977
Subspecialty training and year	Joslin Clinic	1979
Subspecialty training and year	Mass General Hospital	1981

**Joel Strom, M.D., M.Eng., Adjunct Professor**

Medical School / Graduation date	State University of New York Upstate Medical University	1970
Internship/residency and year	State University of New York Upstate Medical Center	1973
Subspecialty training and year	Cornell University Medical College	1974
Subspecialty training and year	Albert Einstein College of Medicine	1977

**Gladys Velarde, M.D., Associate Professor**

Medical School / Graduation date	New York University School of Medicine	1992
Internship/residency and year	Columbia Presbyterian Medical Center	1995
Subspecialty training and year	Boston University/Mount Sinai Hospital	1998

**Thomas Wannenburg, M.D., Associate Professor**

Medical School / Graduation date	University of Stellenbosch, South Africa	1982
Internship/residency and year	John Hopkins Bayview Medical Center	1991
Subspecialty training and year	Cardiovascular Disease, Wake Forest University	1994
Subspecialty training and year	Cardiac Electrophysiology, Wake Forest University	2001

**Martin Zenni, M.D., Associate Professor**

Medical School / Graduation date	University of Chicago	1986
Internship/residency and year	Tufts University	1989
Subspecialty training and year	Harvard Medical School	1992

## PUBLICATIONS

### Peer-reviewed Manuscripts:

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Jiménez-Quevedo P, Suzuki N, Corros C, Ferrer MC, **Angiolillo DJ**, Alfonso F, Hernández-Antolín R, Gonzalo N, Bañuelos C, Escaned J, Fernández C, Costa M, Macaya C, **Bass TA**, Sabaté M. Assessment of Dynamic Coronary Plaque Changes and the Clinical Consequences in Type-II Diabetic Patients: a Serial Intracoronary Ultrasound Study. *Rev Esp Cardiol.* 2011; 64:557-63.

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Price MJ, **Angiolillo DJ**, Teirstein PS, Lillie E, Manoukian SV, Berger PB, Tanguay JF, Cannon CP, Topol EJ. Platelet Reactivity and Cardiovascular Outcomes After Percutaneous Coronary Intervention: A Time-Dependent Pharmacodynamic Analysis of the GRAVITAS Trial. *Circulation* 2011; 124:1132-7.

Roffi M, **Angiolillo DJ**, Kappetein AP. Current Concepts on Coronary Revascularization of Diabetic Patients. *Eur Heart J* 2011; 32:2748-57.

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Mega JL, Hochholzer W, Frelinger AL 3rd, Kluk MJ, **Angiolillo DJ**, Kereiakes DJ, Isserman S, Rogers WJ, Ruff CT, Contant C, Pencina MJ, Scirica BM, Longtine JA, Michelson AD, Sabatine MS. Dosing clopidogrel based on CYP2C19 genotype and the effect on platelet reactivity in patients with stable cardiovascular disease. *JAMA*. 2011;306:2221-8.

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Goodman SG, Clare R, Pieper KS, Nicolau JC, Storey RF, Cantor WJ, Mahaffey KW, **Angiolillo DJ**, Husted S, Cannon CP, James SK, Kilhamn J, Steg PG, Harrington RA, Wallentin L; Platelet Inhibition and Patient Outcomes Trial Investigators. Association of proton pump inhibitor use on cardiovascular outcomes with clopidogrel and ticagrelor: insights from the platelet inhibition and patient outcomes trial. *Circulation*. 2012;125:978-86.

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Trenk D, Stone GW, Gawaz M, Kastrati A, **Angiolillo DJ**, Müller U, Richardt G, Jakubowski JA, Neumann FJ. A Randomized Trial of Prasugrel Versus Clopidogrel in Patients With High Platelet Reactivity on Clopidogrel After Elective Percutaneous Coronary Intervention With Implantation of Drug-Eluting Stents: Results of the TRIGGER-PCI (Testing Platelet Reactivity In Patients Undergoing Elective Stent Placement on Clopidogrel to Guide Alternative Therapy With Prasugrel) Study. *J Am Coll Cardiol* 2012 (in press).

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Price MJ, Walder JS, Baker BA, Heiselman DE, Jakubowski JA, Logan DK, Winters KJ, Li W, **Angiolillo DJ**. Recovery of Platelet Function Following Discontinuation of Prasugrel or Clopidogrel Maintenance Dosing in Aspirin-Treated Subjects with Stable Coronary Disease: The Recovery Trial. *J Am Coll Cardiol* 2012 (in press).

Price MJ, Murray SS, **Angiolillo DJ**, Lillie E, Smith EN, Tisch RL, Schork NJ, Teirstein PS, Topol EJ. Influence of Genetic Polymorphisms On The Effect of High- And Standard-Dose Clopidogrel After Percutaneous Coronary Intervention: The Genotype Information and Functional Testing (GIFT) Study. *J Am Coll Cardiol* 2012 (in press).

**Angiolillo DJ**, Welsh R, Trenk D, Neumann FJ, Conley PB, McClure MW, Stephens G, Kochman J, Jennings LK, Gurbel PA, Wójcik J, Dabrowski M, Saucedo JF, Stumpf J, Buerke M, Broderick S, Harrington RA, Rao S. Pharmacokinetic and Pharmacodynamic Effects of Elinogrel: Results of the Platelet Function Sub study from the Intravenous and Oral Administration of Elinogrel to Evaluate Tolerability and Efficacy in Non-Urgent PCI Patients (INNOVATE-PCI) Trial. *Circ Cardiovasc Interv* 2012 (in press).

**Angiolillo DJ**, Schneider DJ, Bhatt DL, French WJ, Price MJ, Saucedo JF, Shaburishvili T, Huber K, Prats J, Liu T, Harrington RA, Becker RC. Pharmacodynamic Effects of Cangrelor and Clopidogrel: The Platelet Function Substudy from the Cangrelor Versus Standard Therapy to Achieve Optimal Management of Platelet Inhibition (CHAMPION) Trials. *J Thromb Thrombolysis* 2012 (in press).

Rollini F, Tello-Montoliu A, **Angiolillo DJ**. Atopaxar: A Review of its Mechanism of Action and Role in Patients with Coronary Artery Disease. *Expert Rev Cardiovasc Ther.* 2012 (in press).

Ferreiro JL, **Angiolillo DJ**. Challenges and Perspectives of Antiplatelet Therapy in Patients with Diabetes Mellitus and Coronary Artery Disease. *Current Pharmaceutical Design* 2012 (in press).

**Angiolillo DJ**, Capodanno D. Targeting platelet nitric oxide resistance with ramipril: unraveling mechanisms of atherothrombotic risk reduction with angiotensin-converting enzyme inhibitors. *J Am Coll Cardiol* 2012 (in press).

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### CLINICAL ACTIVITIES

<b>Inpatient activity</b>	<b>AY 11/12</b>
CV In PT admissions	2256
Observations	428
<b>Outpatient activity</b>	
Physician clinic visits	*12,087
Cardiac ultrasounds	9832
Cardiac nuclear studies	1856
EKGs	59031
Stress tests	3591
Heart cath	2417
EP procedures	949
Cardiac rehab visits	3150
*Attendings Only: Jacksonville Clinic = 7178 Lake Shore = 1444 Emerson = 517 St Marys = 2948	

### CONTRACTS AND GRANTS

GRANTS (includes only investigator initiated grants and overlapping period grants; sponsored research not included)

<b>Principal Investigator</b>	<b>Study Title</b>	<b>Project Period</b>	<b>Sponsor</b>	<b>Award Amount</b>
Angiolillo, D	BRIDGE	6/25/10-10/21/11	The Medicines Company	\$124,000
Angiolillo, D	Effects of cigarette smoking on clopidogrel induced antiplatelet effects in patients with coronary artery disease	2010-2013	James and Esther King Biomedical Research Program	\$377,628
Angiolillo, D	SOLID-TIMI 52	2/05/10 -	GlaxoSmithKline	\$25,143
Angiolillo, D	H7T-MC-TADI	11/19/10-10/27/11	Eli Lilly and Company	\$184,341
Angiolillo, D	H7T-MC-TADI	11/19/10-10/1/11	Eli Lilly and Company	\$29,382
Angiolillo, D	TRIPLET	11/19/10-11/19/11	Eli Lilly and Company	\$109,443
Angiolillo, D	CHAMPION PHOENIX	10/27/10	The Medicines Company	\$208,236
Angiolillo, D	TRIGGER-PCI	10/2/10-4/11/11	Eli Lilly and Company	\$9,310
Angiolillo, D	PARADOX	12/07/10-11/1/11	Daiichi Sankyo Inc	\$45,969
Angiolillo, D	PEGASUS	2/10/11	Brigham and Women's Hospital	\$51,616
Angiolillo, D	TIMI 56	1/7/11-9/22/11	TIMI Study Group	\$28,812
Angiolillo, D	RELOAD	4/11/11	Eli Lilly and Company	\$140,529
Angiolillo, D	EVOLVA HV&DM	6/23/11	Evolva SA	\$38,360
Angiolillo, D	The Use of thromboelastography to assess the thrombotic profile in patients on chronic anticoagulation therapy	9/6/11	Haemonetics Corp	\$9,054
Box, L	TRANSLATE-ACS	11/10/10	Eli Lilly and Company	\$19,000
Kim, R	AIGISRX	1/1/11	TYRX	\$2,124

**DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

## Highlights

The Division of Endocrinology, Diabetes and Metabolism had a year of rapid growth and development in all areas of the academic mission of the University of Florida. The most significant event was the recruitment of the first new faculty member for the growing division since its reconstitution in 2007. Clinically, major events included expansion of clinical services and clinical research. Endocrinology faculty initiated new in-vitro investigations into hormonal action with new acquisitions in the laboratory. Academically, the division submitted multiple publications and contributed immensely to the University's educational mission.

**Patient care:** The division provides inpatient and outpatient consultation for the University of Florida College of Medicine-Jacksonville campus and at Emerson Street as well as for referring physicians in the Northeast Florida /Southern Georgia region and beyond. Dr. Joe Chehade, Dr. Arshag Mooradian, Dr. Emad Naem, Dr. Mae Sheikh-Ali and Dr. Kent Wehmeier are the core clinical faculty. The division addresses clinical endocrinology problems related to hypothalamus, pituitary, thyroid, pancreas, adrenal and sex hormone gland dysfunction. Patients with metabolic disorders including diabetes mellitus, metabolic syndrome, obesity, anorexia, hypercholesterolemia, calcium and metabolic diseases such as osteoporosis and vitamin D deficiency are evaluated and treated. The division's main clinical operations occur at the University of Florida Endocrinology and Diabetes clinic at Emerson Medical Plaza. The number and variety of consultations continue to ascend and the addition of dynamic testing at this location has enhanced the evaluation of adrenal and pituitary disease. Patients are also evaluated at the Shands Jacksonville Ambulatory Care Center (ACC). Endocrinology faculty performed analyses of glucose monitoring data obtained by continuous glucose monitoring to make recommendations regarding diabetes management. Diabetes care has been strengthened by the partnering of outpatient diabetes education with the Division of Endocrinology. Meredith Smith, MS, RD, LD provides onsite education at the UF Emerson location for diabetes management, carbohydrate counting and medical nutrition therapy (MNT.) The care of patients with parathyroid disease was broadened through utilization of fine needle aspirate parathyroid levels. Fine needle aspiration services continue to be provided by Dr. Chehade, Dr. Naem and Dr. Sheikh-Ali.

A unique collaboration with the University of Florida College of Medicine-Jacksonville's Departments of Surgery, Radiology and Pathology has enhanced the care of patients with thyroid disease and facilitated the education of trainees. Through discussion and implementation of diagnostic and treatment protocols, the care of these patients has been standardized to better evaluate outcomes and focus on patients with more challenging management issues.

On the inpatient service, many more patients are served by endocrinology consultation. The division has been instrumental in the institution and implementation of a standardized order form for insulin therapy in hospitalized patients. To provide excellence in the care of patients with pituitary disease, Dr. Michael Petr in the Division of Neurosurgery, Dr. Iman Naseri in the Division of Otolaryngology, Dr. Derrick Pau in the Department of Ophthalmology and Dr. Robert Malyapa in the Department of Radiation Oncology partnered together with the Division of Endocrinology as a network of specialists devoted to the care of these patients. The division also presented evaluation and management techniques in the areas of diabetes, thyroid disease and osteoporosis to UF Family Practice clinics to facilitate optimal care of patients with these conditions. Clinical committees of Shands Jacksonville benefit from the participation and guidance of the Division of Endocrinology members.

**Education:** A successful ACGME site visit of the Endocrinology fellowship was completed in May 2010. The program received a 4 year accreditation, with four fellows under Program Director Dr. Wehmeier and Assistant Program Director Dr. Sheikh-Ali. Dr. Hagop Kojanian, from Jersey Shore University Medical Center and Dr. Anna Szafran-Swietlik from New York Methodist Hospital joined the division July 1, 2011. They have been active clinically and participate in scholarly activity of the division including winning an award for poster presentation on UF Research Day. All four fellows have made substantive contributions to the clinical care, education and research missions of the division. Dr. Margaret Gladysz continues to evaluate employment options in Chicago as she prepares for her Board examinations and Dr. Sandra Mesliniene accepted a position at Cape Fear Valley Health System, Fayetteville, NC.

In residency education, Dr. Wehmeier continues as rotation coordinator of relevant educational programs for Endocrinology. He is the primary liaison between the Core Residency Program and the division, and is a member of the Resident Education Committee. The faculty members and fellows participate in teaching rounds, in the clinic and in conferences to enhance the experience of the rotating residents.

The educational program of University of Florida medical students and physician assistant students is enhanced by Dr. Chehade, Dr. Naem, Dr. Sheikh-Ali and Dr. Wehmeier preceptor clinics in Endocrinology and coordinated lectures for the University of Florida medical students and residents in Medicine and Emergency Medicine. The division's endocrinology grand rounds provides an avenue for speakers at UF Jacksonville, UF Gainesville and for community physicians to share knowledge and enhance collaboration between various disciplines at UF. The 2012 Update in Internal Medicine was another venue where division faculty contributed to the educational mission of UF.

**Research:** Strides have been made in making clinical research more attractive to industry and to potential subjects. Under the guidance of division members the awards have continued to grow. The research lab continues to be a place of learning and scholarly activity. Investigations regarding the effects of multiple hormones on the expression of the most important protein in the high density lipoprotein (HDL) particle, Apo AI, and the involvement of endoplasmic reticulum (ER) stress and oxidative stress in coronary artery disease continue to reveal critical insights. The division made a strong showing at the University of Florida College of Medicine-Jacksonville Research Day with five posters; one poster received a fifth place award in the judging. All four fellows had poster presentations displaying their research at national meetings including the American Association of Clinical Endocrinology and the Endocrine Society. The performance of industry sponsored clinical trials continues to grow facilitated by Marinella Lipinski, the research coordinator of the Division.

**Philanthropy:** Division members have been the recipients of many gifts. In the spirit of giving back, members have contributed their time, effort and resources to the underserved and to children in Jacksonville as well as overseas.

## LISTING OF FACULTY MEMBERS



### Joe Chehade, M.D., Associate Professor

Medical School / Graduation date	St. Joseph University School of Medicine, Beirut-Lebanon	1992
Internship/residency and year	Staten Island University Hospital	1997
Subspecialty training and year	Saint Louis University School of Medicine	1997

**Michael Haas, Ph.D., Research Associate Professor**

Graduate School/Graduation date	University of Nebraska Medical Center	1991
Post-Graduate Training and year	McArdle Laboratory for Cancer Research	1994

**Arshag D. Mooradian, M.D., Professor and Chairman, Department of Medicine**

Medical School / Graduation date	American University of Beirut	1980
Internship/residency and year	American University of Beirut	1982
Subspecialty training and year	University of Minnesota	1985

**Emad Naem, M.D., Assistant Professor**

Medical School / Graduation date	Damascus University School Medicine	1995
Internship/residency and year	Northwestern University-St. Joseph Hospital	2005
Subspecialty training and year	University of Florida College of Medicine – Jacksonville	2011

**Mae Sheikh-Ali, M.D., Assistant Professor**

Medical School / Graduation date	Damascus University School Medicine	1999
Internship/residency and year	Drexel University College Of Medicine	2005
Subspecialty training and year	Mayo Clinic, Jacksonville, Florida	2007

**Kent Wehmeier, M.D., Associate Professor and Division Chief**

Medical School / Graduation date	University of Missouri-Columbia	1988
Internship/residency and year	Barnes-Jewish Hospital, Washington University	1991
Subspecialty training and year	Saint Louis University School of Medicine	1993

## PUBLICATIONS

**Haas MJ, Raheja P, Jaimungal S, Sheikh-Ali M, Mooradian AD.** Estrogen-dependent inhibition of dextrose-induced endoplasmic reticulum stress and superoxide generation in endothelial cells. *Free Radic Biol Med.* 2012 Jun 1-15;52(11-12):2161-7.

**Haas MJ, Mazza AD, Wong NCW, Mooradian AD.** Inhibition of apolipoprotein A-I gene expression by obesity-associated endocannabinoids. *Obesity (Silver Spring).* 2012 Apr;20(4):721-9.

**Mooradian AD, Chehade JM.** Diabetes Mellitus in Older Adults. *Am J Ther.* 2012 Mar;19(2):145-59.

**Haas MJ, Alamir AR, Sultan S, Chehade JM, Wong NC, Mooradian AD.** Nicotinic acid induces apolipoprotein A-I gene expression in HepG2 and Caco-2 cell lines. *Metabolism.* 2011 Dec;60(12):1790-6.

**Naem E.** Pseudohypoparathyroidism. *BMJ Point of Care/Epocrates.* December 2011.

Jaimungal S, **Wehmeier K, Mooradian AD, Haas MJ.** The emerging evidence for vitamin D-mediated regulation of apolipoprotein A-I synthesis. *Nutr Res.* 2011 Nov;31(11):805-12.

**Mooradian AD.** Subclinical hypothyroidism in the elderly: To treat or not to treat? *Am J Ther.* 2011 Nov;18(6):477-86.

Alexandraki I, **Mooradian AD**. Academic advancement of clinician educators: why is it so difficult? *Int J Clin Pract*. 2011 Nov;65(11):1118-25.

**Mesliniene S, Sheikh-Ali M**. Update Thyroid Function Testing. *Epocrates-BMJ point of care*. October 2011.

Chung SC, Hlatky MA, Faxon D, et al (including **Mooradian A**). The effect of age on clinical outcomes and health status in the Bypass Angioplasty Revascularization Investigation 2 Diabetes Trial (BARI 2D). *J Am Coll Cardiol*. 2011 Aug 16;58(8):810-9.

#### **Book Chapters and Textbooks:**

Le T, Bhushan V, **Sheikh-Ali M**, Abushahin F. First Aid for the USMLE STEP 2 CS, Fourth Edition. McGraw-Hill, 2012.

Wilson GR, Alexandraki I, Samraj G, **Mooradian AD**. Endocrinology. In: Textbook of Family Medicine. 8th edition, Rakel RE, Rakel DP, eds. 2011; pp: 756-800.

#### **Activities, Presentations, Abstracts:**

**Cehade JM**. How to establish an obesity unit. The FIRST Lebanese American University Conference Jointly held with The 12th International American Lebanese Medical Association Congress "Healthcare Beyond Borders"; Beirut, Lebanon, June 2012.

**Sheikh-Ali M**. HgbA1c-What is the Appropriate Target? University of Florida Internal Medicine Update 2012; Ponte Vedra Beach, FL, June 2012.

**Mesliniene S, Gladysz M, Naem E, Wehmeier KR, Mooradian AD, Haas MJ**. Elevated apolipoprotein A-I gene expression in Vitamin D receptor knockout mice. Oral presentation, American Association of Clinical Endocrinologists Annual Meeting; Philadelphia, PA, May 2012.

**Naem E, Wehmeier K**. Induction of Apolipoprotein A-1 Gene Expression by Black Seed (Nigella Sativa) Extract. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

Jafri S, **Haas MJ**. Inhibition of Endoplasmic Reticulum Stress by Vitamin D in Endothelial Cells. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

Maharaj J, **Wehmeier K**. Non-Genomic Signaling by 24, 25-Dihydroxyvitamin D3 in Hepg2 Cells. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

**Kojanian H, Sheikh-Ali M**. Hot Nodules and Thyroid Cancer. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

**Szafran-Swietlik A, Naem E, Wong NCW, Mooradian AD, Haas MJ**. Differential Effects of Hepatic Endoplasmic Reticulum Stress on Apolipoprotein A-I and Albumin Synthesis. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

Jafri M, **Wehmeier K, Haas MJ**. Inhibition of endoplasmic reticulum stress by vitamin D in endothelial cells. Southern Regional AFMR; New Orleans, LA, February 2012.

Jafri M, **Wehmeier K**. Thyrotoxic periodic paralysis in an African American male. Southern Regional AFMR; New Orleans, LA, February 2012.

Maharaj J, Jaimungal S, **Wehmeier K, Mooradian AD, Haas, MJ**. Non-genomic signaling by 24,25-dihydroxyvitamin D<sub>3</sub> in HepG2 cells. Southern Regional AFMR; New Orleans, LA, February 2012.

**Sheikh-Ali M**. Updates and Management of Type 2 Diabetes. The 18th Annual Daytona Beach Diabetes Care Update; Daytona Beach, FL, November 2011.

**Sheikh-Ali M**. Updates in Diabetes. River City American Academy of Professional Coders (AAPC) Chapter, accredited CME course; Jacksonville, FL, October 2011.

**Sheikh-Ali M.** Updates in Obesity & Diabetes. Florida Chapter American College of Physicians Annual Scientific Meeting; St. Pete Beach, Florida, September 2011.

**Cehade JM.** Androgen Replacement in the Elderly. Florida Chapter American College of Physicians Annual Scientific Meeting; St. Pete Beach, Florida, September 2011.

**Cehade JM.** Testosterone Replacement in Aging Male. 10th Annual National American Lebanese Medical Association Conference in collaboration with the Lebanese Medical Universities "Advances in Medicine & Surgery"; Beirut, Lebanon, July 2011.

### CLINICAL ACTIVITIES

	AY 11/12
<b>Inpatient Activity</b>	
Initial IP Encounters	399
<b>Outpatient Activity</b>	
Clinic Visits	8293
Thyroid Biopsies	301

### GRANTS AND CONTRACTS

Principal Investigator	Study Title	Project period	Sponsor	Total direct costs
Emad Naem, M.D.	Acute Effect of Hookah Smoking on Hormonal and Metabolism Parameters: A Pilot Study	07/10-7/11	Deans Fund Research Award	5,000
Mae Sheikh-Ali, M.D.	IOQC	9/10-3/13	Eli Lilly	48,000
Sandra Mesliniene, M.D.	The diet soda effect on gut peptides, leptin and appetite after high fat/high carbohydrate content meal in healthy lean volunteers.	6/12-6/13	Deans Fund Research Award	5,000
Joe Cehade, M.D.	GBDD	8/10-2/12	Eli Lilly	21,000
Joe Cehade, M.D.	IOPZ	4/11-4/12	Eli Lilly	20,000



**DIVISION OF GASTROENTEROLOGY**  
**ACADEMIC YEAR 2012 (7/11 – 6/12)****Highlights**

The Division of Gastroenterology had an outstanding 2011-2012 fiscal year despite the loss of the Humana Gold Contract. Clinically, the Division has significantly reduced patient wait list times at both campuses with patients now being able to be seen the same day at both campuses. Patient satisfaction surveys have improved at all campuses with the most significant improvement noted at the Emerson and Medical Partners practice. A direct referral system with a one phone number calling system has been implemented for endoscopic procedures including screening colonoscopy. Patients are now being accommodated for their procedures the same week as well as open access screening colonoscopy when requested. A direct referral system for primary care physicians has been in place for several months and has been very successful thus far. The IBD and Hepatology clinics have been reorganized to optimize patient care and enhance the trainees' education. The fellowship curriculum has been restructured to provide competency based training and progression of a fellow's responsibility based on master of these competencies. The fellowship program was fortunate to recruit its top 2 candidates during this year's match and looks forward to another successful year. Our fellows received multiple awards including the Outstanding Research Award at UF Research Day. Dr. Scolapio chaired the Florida Gastroenterology Society Conference this past year and has served as a board member for the past 10 years including President in 2007. The research operation saw us acquiring new industry sponsored grants. Each key faculty member of the division has active roles and important responsibilities. Dr. James Scolapio serves as Chief and Program Director, Dr. Juan Munoz is Director of Endoscopy, Dr. Xiaoyu Li is Director of Hepatology and Research, Dr. Paul Sievert is the GI champion for quality improvement projects and Dr. Robert Bass is Director of Practice Management. Dr. Emely Eid will be joining the division in July 2012 making history as our first female staff female gastroenterologist. Dr. Eid's clinical interests focus on IBD and GI malignancy. Shayla Spinner PA-C recently joined the GI division and her practice is primarily located at the Towers.

**Patient Care:** The patient care aspect of our academic mission is pursued at the following locations: inpatient consult service at Shands Hospital; inpatient and outpatient GI services at Baptist Beaches; inpatient and outpatient GI services at Southside and St. Vincent's Hospital; two weekly IBD and Hepatology Clinics at both the 8<sup>th</sup> Street and Emerson campus; endoscopy services at both the Shands GI Lab and Medical Partners Emerson campus and general GI clinics at both the 8<sup>th</sup> Street and Emerson campuses. In addition to routine endoscopic procedures the following procedures are provided for our patients: high resolution esophageal manometry, BRAVO ph testing, capsule endoscopy, single balloon enteroscopy, infusion therapy with biologics for IBD patients and treatment and counseling for patients with viral hepatitis. Our goal going forward is to continue to improve patient access and overall quality of care and patient safety. Specific attention will focus on reduced patient wait times and improved systems to increase patient flow.

**Education:** Our 4 (ACGME listed) key faculty members of the division include Dr. Li, Dr. Munoz, Dr. Scolapio and Dr. Sievert. The division has a total of 6 fellows, 2 per year. We have been successful in obtaining a 100% first time pass rate on the GI boards by all fellows over the past 10 years. We have also consistently matched our top candidates. All fellows have participated in and completed quality improvement and research projects. Many of our fellows have been selected for research awards and presented their research at both state and national meetings. Education rooms at both the 8<sup>th</sup> Street and Emerson have been created with teleconferencing capability to enhance our fellows' training. Our goal going forward will focus on competency based training with progression of a fellow's clinical responsibility based on mastering of specific core competencies or milestones. Specific attention will also focus on the core competency of professionalism.

**Research:** Divisional research activities include basic and clinical studies on a variety of gastroenterology disease states. We have a basic molecular genetics lab lead by Dr. Xiaoyu Li, Director of GI Research. His research has been focused on interactions of host innate immunity and hepatitis C virus. Two new genes involved in interferon therapy and HCV replication were identified in his laboratory. His work was presented at regional, national and international conferences and published in high-quality peer-reviewed journals. Dr. Xiaoyu Li was invited to give speeches at international conferences and other universities. Other faculty members have published papers on a wide range of topics including Barrett's esophagus, IBD, liver diseases, pancreas diseases and nutrition. Our goal going forward is to increase the number and quality of extramurally funded studies. Specific attention will focus on mentoring our GI fellows on prospective hypothesis driven clinical studies.

### LISTING OF FACULTY MEMBERS



**Robert Bass, M.D., Assistant Professor**

Medical School / Graduation date	Medical College of Georgia	1988
Internship/residency and year	University of South Alabama	1991
Subspecialty training and year	University of Florida – Jacksonville	1993



**Xiaoyu Li, M.D., Ph.D., Assistant Professor**

Medical School / Graduation date	Harbin Medical University, China	1983
Internship/residency and year	Mt Sinai School of Medicine	2004
Subspecialty training and year	University of Florida	2007
Graduate degree and year	State University of New York	2001



**Juan Munoz, M.D., Associate Professor**

Medical School / Graduation date	Universidad Complutense, Spain	1991
Internship/residency and year	University of Florida – Jacksonville	2001
Subspecialty training and year	University of Florida – Jacksonville	2004



**James Scolapio, M.D., Professor; Division Chief**

Medical School / Graduation date	Marshall University School of Medicine	1991
Internship/residency and year	Mayo Graduate School of Medicine – Jacksonville	1994
Subspecialty training and year	Mayo Graduate School of Medicine – Rochester, MN	1997



**Paul Sievert, M.D., Assistant Professor**

Medical School / Graduation date	University of Miami	1996
Internship/residency and year	Medical College of Virginia	1999
Subspecialty training and year	University of Florida – Jacksonville	2003

## PUBLICATIONS

Greer KB, Thompson C, **Brenner L**, et al. Association of insulin and insulin-like growth factors with Barrett's oesophagus. *Gut*. 2012 May;61(5):665-72. Epub 2011 Sep 19.

Yao L, Dong H, Zhu H, Nelson DR, Liu C, Lambiase L, **Li X**. Identification of IFITM 3 as inhibitor of hepatitis C viral translation in a stable STAT1 cell line. *J Viral Hepat* 2011 Oct;18(10):e523-0.

Yao L, Yan X, Dong H, Nelson D, Lui C, **Li X**. Expression of an IRF-3 fusion protein and mouse estrogen receptor, inhibits hepatitis C viral replication in RIG=O deficient hugh 7.5 cells. *J Virol* 2011 Sept;8:445.

Munoz JC, Lambiase L. Hereditary colon cancer. *eMedicine. OB-GYN, Psychiatry and Surgery. eMedicine*. 25 Feb 2009. Last update: 2001 Sept.

**John BK**, Arramraju S, SHalomow A, Sison C, Moshe R. Antiplatelet agent use does not impact the hospital course in patients with gastrointestinal bleeding. *J Clin Gastroenterol* 2011 August. PMID: 21293292

### Presentations:

**Li, X**. Basic picorna virus: progress of treatment on hepatitis B and hepatitis C. Oral presentation at: Department of Microbiology, Harbin Medical University, Harbin, China. May 2012.

John BK, Naik S, Singh N, Bullock M, Brenner B, McGaw C, **Scolapio J, Munoz J, Li, S, Sievert P**. Sign out process – a quality improvement (QI) project to increase patient access for endoscopic procedure using a electronic inpatient scheduling system (IPS). A practice based learning and improvement and systems based practice project. Poster presentation at: University of Florida, Jacksonville, FL. May 2012.

Singh N, Clark M, **Munoz JC**. Ischemic injury of the upper and lower GI tract mimicking Crohn's disease in a patient with end stage renal disease. Poster presentation at: University of Florida, Jacksonville, FL. May 2012.

McGaw C, Taher JB, **Munoz JC**. Ischemic colitis: A case study highlighting a unique association. Poster presentation at: University of Florida, Jacksonville. May 2012.

Aurelus C, Singh N, **Munoz JC**. Culture-negative neutrocytic ascites (CNNA) in cardiac ascites. A case report. Poster presentation at: University of Florida, Jacksonville, FL. May 2012.

Aurelus C, Lee A, Ramrattan LA, Vega K, **Munoz JC**. Unusual objects removed from the upper gastrointestinal tracts of unusual patients. Poster presentation at: University of Florida, Jacksonville. May 2012.

Bullock M, Gidding S, Patel N, Wolfson D, **Munoz JC**. Primary plasmablastic lymphoma (PBL) of the esophagus: Presenting as esophagitis. Poster presentation at: University of Florida, Jacksonville. May 2012.

Clark M, Kythapampil, **Munoz JC**. Percutaneous endoscopic cecostomy tube placement: A Case Series. Poster presentation at: University of Florida, Jacksonville, FL. May 2012.

**Scolapio JS**. Short Bowel Syndrome. Oral presentation at: NPS Symposium. New Orleans, LA. 3 May 2012.

Naik S, Giddings S, **Li X**. Poster presentation at: Risk factors for community acquired vs. hospital acquired clostridium difficile infection. Poster presentation at: DDW 2012, San Diego, CA. 19 May 2012.

Brenner L, Salyers WJ, Tharpe AS, Smotherman C, Vega K, **Munoz JC**. Management of left-sided colonic management obstruction with self-expandable metal stents provides equivalent palliation compared to surgery with reduced complications. Poster presentation at: DDW 2012. San Diego, CA. 19 May 2012. \* **1st Place Award at UF Research Day**.

**Scolapio JS**. TPN complications. Oral presentation at: Jacksonville Dietetics. Jacksonville FL. April 2012.

**Scolapio JS, Best D, Li X, Munoz J, Sievert P**. Progression of Endoscopic responsibility and competency. Poster presentation at: University of Florida, Jacksonville, FL. April 2012.

**Scolapio JS.** Nutrition Complications of TEN and TPN. Oral presentation at: American College of Gastroenterology, Bonita Springs, FL. March 2012.

**Scolapio JS.** Electrolyte management of TPN. Oral presentation at: Jacksonville Dietetics. Jacksonville, FL. March 2012.

Singh N, Clark M, **Munoz JC.** Ischemic injury of the upper and lower GI tract mimicking Crohn's Disease in a patient with end-stage renal disease. Poster presentation at: American College of Gastroenterology. Washington, DC. 31 Oct 2011.

Christman E, Brenner L, **Munoz JC.** A dangerous lack of intrinsic factor. Poster presentation at: Southern Hospital Medical Conference. New Orleans, LA. 20 Oct. 2011.

Giddings S, Christman E, Salyers WJ, **Munoz JC.** Resolution of uptake on PET scan after removal of large colonic polyps by colonoscopy with EMR. Poster presentation at: American College of Gastroenterology. Washington, DC. 21 Oct 2011.

**Li X.** Mechanisms of hepatitis C treatment with interferon. Oral presentation at: Department of Microbiology. Harbin Medical University, Harbin, China. 2011 Aug.

**Li, X.** Interaction of interferon and hepatitis C virus. Oral presentation at: Department of Microbiology. Harbin Medical University, Harbin, China. 2011 Aug.

**Li X.** Viral Hepatitis. Progress of Viral Hepatitis. Oral presentation at: Department of Gastroenterology, Second University Affiliated Hospital. Harbin Medical University, Harbin, China. 2011 Aug.

Lao L, **Li X.** A novel pathway of interferon to inhibit the hepatitis C viral translation by down regulation of hnRNP M gene expression. Oral presentation at: American Society for Virology Annual Meeting. Twin Cities, MN. 18 Jul 2011.

Lao L, **Li X.** A novel pathway of interferon to control hepatitis C virus translation. Oral presentation at: BIT 2<sup>nd</sup> Annual World Congress of Virus and Infections, Beijing, China. 28 Jul 2011.

#### Book Chapters and Monographs:

**Munoz JC,** Reddy S. Mallory-Weiss Tear. <https://online.epocrates.com/u/29321145/MalloryWeistear>. British Medical Journal Publishing Group. Last update: 01 Oct 2009. Last updated: 06 Sept 2011.

**Munoz JC,** Laos L. Foreign Body Ingestion. <https://online.epocrates.com/u/29111050/Foreign+body+ingestion>. British Medical Journal Publishing Group. Last updated: 20 Nov 2009. Last update: 28 Aug 2011.

### CLINICAL ACTIVITIES

	AY 11/12
<b>Inpatient Activity</b>	
Number of IP Consults (IDX)	988
Shands Jacksonville Inpatient Procedures (IDX)	972
Baptist Beaches Inpatient Procedures (IDX)	116
St. Lukes Inpatient Procedures (IDX)	7
<b>Outpatient Activity</b>	
Clinic Visits (IDX)	12493
Shands Jacksonville Outpatient Procedures (IDX)	4270
Baptist Beaches Outpatient Procedures (IDX)	623
Jax Beach Surgery Center Outpatient Procedures (IDX)	491
Jacksonville Surgery Center (IDX)	902
Medical Partners Surgery Center (IDX)	848

## CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Ravi Kottoor, M.D.	A Randomized, Double-blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of GSK1605786A in the Treatment of Subjects with Moderately-to-Severely Active Crohn's Disease	7/7/2011 - 1/31/2012	GlaxoSmithKline	\$6,078.00
Ravi Kottoor, M.D.	A Double-Blind, Randomized, Placebo-Controlled, Dose-Ranging Study to Evaluate the Efficacy and Safety of PF-00547659 in Subjects with Crohn's Disease who are Anti-TNF Inadequate Responders	6/21/2011 - 1/31/2012	Pfizer Inc.	\$3,500.00
Ravi Kottoor, M.D. Xiaoyu Li, M.D., Ph.D.	Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial Comparing REMICADE® (infliximab) and Placebo in the Prevention of Recurrence in Crohn's Disease Patients Undergoing Surgical Resection Who Are at an Increased Risk of Recurrence	10/6/2010 - 7/30/2014	Janssen Biotech, Inc.	\$5,755.00
Xiaoyu Li, M.D., Ph.D.	A Phase II, Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Safety And Efficacy Of Filibuvir Plus Pegylated Interferon Alfa-2A And Ribavirin In Treatment Naive, HCV Genotype 1 Infected Subjects	7/14/2009 - 4/19/2012	Pfizer Inc.	\$1,981.25
Xiaoyu Li, M.D., Ph.D.	Boceprevir/Peginterferon/ Ribavirin for the Treatment of Chronic Hepatitis C in Treatment-Naive Subjects: A Comparison of Erythropoietin Versus Ribavirin Dose Reduction for the Management of Anemia	7/20/2009 - 1/4/2012	Schering Plough Research Institute	\$603.90
Xiaoyu Li, M.D., Ph.D.	A Randomized, Placebo-Controlled Dose-Ranging Study to Evaluate the Safety, Tolerability, and Efficacy of Different Regimens of MK-5172 When Administered Concomitantly with Peginterferon alfa-2b and Ribavirin in Treatment-Naive Patients with Chronic Genotype 1 Hepatitis C Virus Infection	9/21/2011 - 7/30/2014	Merck Sharp & Dohme Corp.	\$19,525.60
Juan Munoz, M.D.	A multi-center, double-blind, randomized, active reference, parallel group study to evaluate the efficacy, safety and tolerability of a 10-day twice daily oral administration of 3 doses of ACT-179811 in subjects with Clostridium difficile infection	12/21/2010 - 11/22/2011	Actelion Pharmaceuticals	\$236.25
Juan Munoz, M.D.	A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study To Assess The Safety And Efficacy Of VP 20621 For Prevention Of Recurrence Of Clostridium Difficile Infection (CDI) In Adults Previously Treated For CDI	8/3/2011 - 12/13/13	Viropharma, Inc	\$7,250.00

**DIVISION OF GENERAL INTERNAL MEDICINE**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

## Highlights

The division continues a robust inpatient and outpatient practice and is an integral part of the educational experience for the Internal Medicine residency.

**Patient Care:** The Division of General Internal Medicine is comprised of 12 members, including two chief medical residents. All full time faculty are certified by the American Board of Internal Medicine. Clinical care provided by members of the division includes the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: Ambulatory Care Center at Shands Jacksonville, Faculty Clinic and UF Internal Medicine Clinic at Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the Psychiatry service. The division has a busy outpatient practice and based on patient satisfaction, physicians in the group are considered excellent clinicians. In addition to the excellent physicians in the group, the outpatient primary care practices received NCQA Level I certification as a Patient Centered Medical Home. *JaxHATS (Jacksonville Health and Transition Services) Clinics* held on Tuesday and Thursday mornings continue to serve as a model primary care home for emerging adults with chronic illness and special healthcare needs. Dr. Linda Edwards, in conjunction with Dr. David Wood, a general pediatrician, have established this clinic for adolescents and young adults who are transitioning from their pediatricians to adult providers. Our geriatrician, Dr. Hsiao-Yen Kuo, serves as the medical director for Lakeside Nursing and Rehabilitation Center and developed a growing geriatric outpatient practice, seeing patients at the Faculty Clinic and our Emerson site.

**Education:** The division provides faculty supervision of residents on the four general internal medicine inpatient teaching services, the inpatient medicine consultation service and geriatrics. The division also provides faculty supervision and mentoring of all categorical medicine residents in their outpatient continuity practice and urgent care clinics.

Dr. Jeff House serves as Program Director for the Internal Medicine Residency Program. Dr. Palacio was appointed Associate Program Director for the training program and is focusing his efforts in the ambulatory care arena. Dr. Alexandraki served as Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient). Drs. Alexandraki and Palacio served as key clinical faculty for the Core Training Program in Internal Medicine and are members of the Resident Education Committee.

Drs. Alexandraki, Masri and Sottile served as peer reviewers for the University of Florida Health Science Center Jacksonville faculty development program. Dr. Sottile also serves as a facilitator and is the co-developer of the "Teaching Residents to Teach"-a 6-8 hour intradepartmental seminar offered each year at the University of Florida Health Science Center Jacksonville. This has been expanded to include subspecialty residents as well. Dr. Sottile continues to facilitate the Patient Centered Caring Communication sessions that are offered to all faculty and residents.

All members of the division participate in morning report and have presented at the noon conference core curriculum series held daily, as well as the Friday afternoon ambulatory didactic sessions and Board review.

The division serves as an integral part of the education program for 3<sup>rd</sup> and 4<sup>th</sup> year medical students from the University of Florida. Members of the division serve as preceptors for students in both the inpatient setting as well as in the outpatient practice. Student evaluations of their experience are excellent and are reflected in the number of exemplary teacher awards given to faculty within the division.

**Quality:** Dr. Jeff House coordinates monthly M&M/QA for the training program. He serves as Chair of the Medical Performance Improvement Committee (MPIC) and reports to the Performance Improvement Committee - the institutional body that oversees quality and safety for the Shands Jacksonville campus. The Division of GIM continues to participate and exceed CMS expectations for PQRI documentation in diabetes care (measurement of A1c, LDL and BP). The division is working with the hospital quality team to review and assess our readmission rates and bounce backs, as well as identify opportunities to continue to improve our patient satisfaction. Dr. Palacio is coordinating a number of quality improvement projects with the residents to look at access, show rates and whether preventive care and screening guidelines are being met.

**Research:** Research in the division varies among the faculty. Many of the faculty have mentored residents in their research projects and have assisted them in submitting and being awarded grants from the Dean's Fund for Research. The division continues to be productive as demonstrated by the publications list below.

**Future Directions:** Development of registries through EPIC and Allscripts will assist the division in meeting the needs of our patients and allow us to provide better care to them. As growth in the outpatient setting occurs, methods to ensure that quality care is rendered are critical. We also plan to expand the nursing home network of our division to serve as a training ground for our residents and students as well as facilitate the care of our patients.

The division will have the opportunity to develop performance improvement initiatives that will lead to improved patient care and safety and result in the preparation of scholarly works. Faculty and resident involvement in these initiatives will be critical.

### LISTING OF FACULTY MEMBERS

	<p><b>Irene Alexandraki, M.D., M.P.H., Associate Professor</b></p> <table border="0"> <tr> <td>Medical School / Graduation date</td> <td>University of Athens, Greece</td> <td>1989</td> </tr> <tr> <td>Internship/residency and year</td> <td>Hahnemann University Hospital</td> <td>1998</td> </tr> <tr> <td>Subspecialty training and year</td> <td>Baylor College of Medicine (Infectious Disease)</td> <td>2001</td> </tr> <tr> <td>Post-graduate training and year</td> <td>University of North Florida (Masters in Public Health)</td> <td>2009</td> </tr> </table>	Medical School / Graduation date	University of Athens, Greece	1989	Internship/residency and year	Hahnemann University Hospital	1998	Subspecialty training and year	Baylor College of Medicine (Infectious Disease)	2001	Post-graduate training and year	University of North Florida (Masters in Public Health)	2009
Medical School / Graduation date	University of Athens, Greece	1989											
Internship/residency and year	Hahnemann University Hospital	1998											
Subspecialty training and year	Baylor College of Medicine (Infectious Disease)	2001											
Post-graduate training and year	University of North Florida (Masters in Public Health)	2009											
	<p><b>Linda Edwards, M.D., Associate Professor, Associate Chairman and Division Chief</b></p> <table border="0"> <tr> <td>Medical School / Graduation date</td> <td>East Carolina University</td> <td>1981</td> </tr> <tr> <td>Internship/residency and year</td> <td>Jacksonville Health Education Programs</td> <td>1985</td> </tr> </table>	Medical School / Graduation date	East Carolina University	1981	Internship/residency and year	Jacksonville Health Education Programs	1985						
Medical School / Graduation date	East Carolina University	1981											
Internship/residency and year	Jacksonville Health Education Programs	1985											
	<p><b>Malcolm Foster, M.D., Adjunct Professor</b></p> <table border="0"> <tr> <td>Medical School / Graduation date</td> <td>Bowman Gray School of Medicine</td> <td>1963</td> </tr> <tr> <td>Internship/residency and year</td> <td>University of Florida, Gainesville</td> <td>1966</td> </tr> <tr> <td>Subspecialty training and year</td> <td>University of Florida, Gainesville (Infectious Disease)</td> <td>1967</td> </tr> </table>	Medical School / Graduation date	Bowman Gray School of Medicine	1963	Internship/residency and year	University of Florida, Gainesville	1966	Subspecialty training and year	University of Florida, Gainesville (Infectious Disease)	1967			
Medical School / Graduation date	Bowman Gray School of Medicine	1963											
Internship/residency and year	University of Florida, Gainesville	1966											
Subspecialty training and year	University of Florida, Gainesville (Infectious Disease)	1967											
	<p><b>Alan Halperin, M.D., Professor</b></p> <table border="0"> <tr> <td>Medical School / Graduation date</td> <td>University of Kansas</td> <td>1971</td> </tr> <tr> <td>Internship/residency and year</td> <td>University of Wisconsin</td> <td>1974</td> </tr> </table>	Medical School / Graduation date	University of Kansas	1971	Internship/residency and year	University of Wisconsin	1974						
Medical School / Graduation date	University of Kansas	1971											
Internship/residency and year	University of Wisconsin	1974											

**Jeffrey House, D.O., Assistant Professor**

Medical School / Graduation date	Nova Southeastern College of Osteopathic Medicine	1997
Internship/residency and year	University of Florida – Jacksonville	2001

**Hsiao-Yen Kuo, M.D., Assistant Professor**

Medical School/Graduation date	Institute of Medicine II, Myanmar	1999
Internship and year	Wyckoff Heights Medical Center	2007
Residency and year	Unity St. Mary's Campus	2009
Subspecialty training and year	University of Florida (Geriatrics)	2010

**Ghania Masri, M.D., Assistant Professor**

Medical School / Graduation date	Damascus University, Syria	1989
Internship and year	Cleveland Clinic Foundation	1992
Residency and year	Case Western Reserve University	1994

**Carlos Palacio, M.D., M.P.H., Associate Professor**

Medical School / Graduation date	University of Miami	1993
Internship/residency and year	University of Florida, Jacksonville	1997
Post-graduate training and year	University of North Florida (MPH, Master of Public Health)	2007

**Pramod Reddy, M.D., Assistant Professor**

Medical School / Graduation date	Sri Dev Raj Urs Medical College, India	1992
Internship/residency and year	Stony Brook University Hospital	2000

**Elisa Sottile, M.D., Assistant Professor**

Medical School / Graduation date	Temple University School of Medicine	1993
Internship/residency and year	University of Pennsylvania	1997

## PUBLICATIONS

**Textbook Chapters:**

**Alexandraki I.** Community-acquired pneumonia. In: *Internal Medicine Essentials for Students* 3<sup>rd</sup> edition.

American College of Physicians - Clerkship Directors in Internal Medicine, ACP Press, pp. 216-219, 2011.

**Alexandraki I.** Urinary tract infection. In: *Internal Medicine Essentials for Students*. 3<sup>rd</sup> edition. American College of Physicians - Clerkship Directors in Internal Medicine, ACP Press, pp. 197-199, 2011.

**Alexandraki I.** Multiple choice questions for the urinary tract infection and community-acquired pneumonia chapters. In: *MKSAP for Students 5*. 5<sup>th</sup> edition. American College of Physicians – Clerkship Directors in Internal Medicine, ACP Press, pp. 161-192, 2011.



**Alexandraki I.** Adrenal glands. In: *Rakel & Rakel, Textbook of Family Medicine*. 8<sup>th</sup> edition. Saunders Elsevier Publications, pp. 777-784, 2011.

**Palacio C.** COPD In: *Internal Medicine Essentials for Clerkship Students*. 2<sup>nd</sup> edition, ACP Clerkship Directors in Internal Medicine. 2011.

**Palacio C.** Hepatitis. In: *Internal Medicine Essentials for Clerkship Students* ACP- Clerkship Directors in Internal Medicine. 3<sup>rd</sup> edition. 2011.

**Palacio C.** Questions for COPD and hepatitis chapters. In: *MKSAP for Students 5*. 2011.

**House J.** Questions for COPD chapter In: *MKSAP for Students 5*. 2011

#### Monographs:

**Alexandraki I.** 48 year old woman with HIV – Ms. Hunt. In: *SIMPLE: Simulated Internal Medicine Patient Learning Experience*. Berman and Fall (eds.), Institute for Innovative Technology in Medical Education, Lebanon, NH, <http://www.simplecases.org>, 2012.

Mohr J, Ostrosky-Zeichner L, **Alexandraki I.** Aseptic (Viral) meningitis [Internet], In: *American College of Physicians, Physicians' Information and Education Resource (ACP PIER)*. Philadelphia, PA, <http://pier.acponline.org/physicians/diseases/d194/pdf>, 2011.

**House J, Alexandraki I.** Evaluation of post-operative fever [Internet]. In: *BMJ Point of Care*. <http://group.bmj.com/products/evidence-centre/bmj-point-of-care-1> (available for the US on epocrates.com), 2011.

**House J, Alexandraki I.** Assessment of postoperative fever [Internet]. In: *BMJ Best Practice*. <http://bestpractice.bmj.com/best-practice> (for International use), 2011.

**Alexandraki I.** HIV-related opportunistic infections [Internet]. In: *BMJ Point of Care*. <http://group.bmj.com/products/evidence-centre/bmj-point-of-care-1> (available for the US on epocrates.com), 2011.

**Alexandraki I.** HIV-related opportunistic infections [Internet]. In: *BMJ Best Practice*. <http://bestpractice.bmj.com/best-practice> (for International use), 2011.

**Palacio C.** Rickets. In: *BMJ Publishing Group Point-of-Care Website*. (US product on epocrates.com). Updated 2012.

**Palacio C.** Rickets. In: *BMJ Publishing Group Best Practice Website*. (International product on bestpractice.com) Updated 2012.

**Palacio C.** 65-year old woman-Mrs. Thompson. In *SIMPLE: Simulated Internal Medicine Patient Learning Experience Project*. Berman and Fall. <http://www.simplecases.org>. (2008). Updated 2012.

**Palacio C, Fauzia R.** Blast Crisis. In: *BMJ Publishing Group Point-of-Care Website*. (US product on epocrates.com) Updated 2012.

**Palacio C, Fauzia R.** Blast crisis. In: *BMJ Publishing Group Best Practice Website*. (International product on bestpractice.com) Updated 2012.

**House J, Edwards L.** Health maintenance in adults. In: *BMJ Publishing Group Point-of-Care Website*. January 2012 (US product on epocrates.com).

**House J, Edwards L,** Health maintenance in adults. In: *BMJ Publishing Group Best Practice Website*. January 2012 (International product on bestpractice.com).

**House J, Alexandraki I.** Postoperative fever. In: *BMJ Publishing Group Point-of-Care Website*. January 2012 (US product on epocrates.com).

**House J, Alexandraki I.** Postoperative fever. In: *BMJ Publishing Group Best Practice Website*. January 2012 (International product on bestpractice.com).

**Masri G.** Evaluation of hypernatremia. In: BMJ Point of Care 2011.

**Masri G.** Evaluation of hyponatremia. In: BMJ Best Practice 2011.

**Publications:**

**Alexandraki I.** Utilization of preventive care services: Does gender matter? *In: Journal of Women's Health*. Feb;21(2):118-20, 2012. PMID: 22192003.

**Alexandraki I,** Mooradian AD. Academic advancement of clinician educators: Why is it so difficult? In: International Journal of Clinical Practice. Nov;65 (11):1118-1125, 2011. PMID: 21995690.

Hollein AR, Shaheen A, **Alexandraki I,** Chheda SG, Chretien K, Pokala S, Szauter K, Durning SJ, **Palacio C,** Torre DM, LaRochelle J, Mechaber AJ, Baker EA, Papp KK. Journal watch from CDIM (Clerkship Directors in Internal Medicine) review of medical education articles in Internal Medicine, 2009-2010. In: Teaching and Learning in Medicine. Oct;23(4):369-373, 2011. PMID: 22004323.

**Palacio C, Alexandraki I,** Bertholf R, Mooradian AD. Transient dyslipidemia mimicking the plasma lipid profile of Tangier Disease in a diabetic patient with gram negative sepsis. In: Annals of Clinical & Laboratory Science. Spring 41(2):150-153, 2011. PMID: 21844573.

**Alexandraki I.** The United States-Mexico border: an area in need of cancer screening interventions. In: Journal of Women's Health. May;20(5):653-655, 2011. PMID: 21599425.

Lee K, **Palacio C, Alexandraki I,** Stewart E, Mooradian A. Increasing access to health care providers through medical home model may abolish racial disparity in diabetes care: evidence from a cross-sectional study. In: J Natl Med Assoc. 2011;103:250. PMID: 21671528.

Vega KJ, Langford-Legg T, **Palacio C,** Watts J, Jamal MM. Healthy African Americans, Hispanic Americans and non-Hispanic whites have equivalent 24-hour pH esophageal acid exposure. In: Am J Gastroenterol 2011; 106 (supplement 2): S17 (Poster presentation, ACG 2011 annual meeting).

Khoury JE, Chisholm S, Mazen Jamal M, **Palacio C,** Pudhota S, Vega KJ. African Americans with Barrett's Esophagus are less likely to have dysplasia at biopsy. In: Dig Dis Sci. 2011 Sep 11. [Epub ahead of print] PubMed PMID: 21909989.

Vega KJ, Langford-Legg T, **Palacio C,** Watts J, Jamal MM. Females without reflux symptoms or GERD have less distal esophageal acid exposure than males without reflux symptoms or GERD. In: Dis Esophagus 2012.

**Reddy P.** Clinical approach to adrenal insufficiency in hospitalized patients. In: Int J Clin Pract, 2011 Oct: 65 (10): 1059-66, Epub 2011Jul18.

**Reddy, P.** Clinical approach to renal tubular acidosis in adult patients. In: Int J Clin Pract. 2011 Mar; 65 (3): 350-60.

Wilson R, Gazzala J, **House J,** Aspirin in primary and secondary prevention in elderly adults revisited. In: Southern Medical Journal. 105(2):82-82, February 2012.

**Jafri SH,** Wang J, Wang S, Mooradian AD, Haas M. Inhibition of endoplasmic reticulum stress by Vitamin D in endothelial cells. In: Journal of Investigative Medicine. 2012.

**Jafri SH,** Wehmeier KR. Thyrotoxic periodic paralysis in an African American male. In: Journal of Investigative Medicine. (in press) 2012.

**Landa C, Edwards L.** Asymmetric arthritis in a patient with hidradenitis suppurativa. In: J Invest Med, (in press), 2012.

**Abstracts/Posters:**

**Alexandraki I.** Disparities in Health Care. Oral presentation at: 43rd Annual Scientific Meeting, American College of Physicians Florida Chapter, St. Pete Beach, Florida, September 9, 2011.

Wood DL, Balls-Berry JE, **Alexandraki I**, Masnita-Iusan C, Lukens-Bull K, Livingood, W. Jacksonville Health Equity Research Network (JaxHERO) a Practice Based Research Network Focused on Health Disparities and Social Determinants of Health. Poster presentation at: 2011 Practice Based Research Networks (PBRNs) Annual Conference, Agency for Healthcare Research and Quality (AHRQ), Bethesda, MD, June 22-24, 2011.

**Landa C, Edwards L.** Asymmetric arthritis in a patient with hidradenitis suppurativa. Poster presentation at: Southern Regional Meeting of the American Federation for Medical Research. New Orleans, LA. Feb. 2012.

**HONORS AND AWARDS**

Irene Alexandraki, M.D.	University of Florida Exemplary Teacher Award 2012
Linda Edwards, M.D.	Hanson Professorship of Medicine University of Florida Exemplary Teacher Award 2012
Malcolm Foster, M.D.	President, Florida Georgia Blood Alliance Board of Directors, ACP Foundation, Vice-Chairman University of Florida Exemplary Teacher Award 2012
Alan Halperin, M.D.	Chair, Institutional Review Board, UF & SJMC
Jeff House, D.O.	University of Florida, Department of Medicine Excellence in Teaching Award 2012 University of Florida Exemplary Teacher Award 2012
Ghania Masri, M.D.	University of Florida, Department of Medicine Excellence in Teaching Award 2012
Pramod Reddy, M.D.	University of Florida, Department of Medicine Excellence in Teaching Award 2012 University of Florida Exemplary Teacher Award 2012

**CLINICAL ACTIVITIES**

	<b>AY 11/12</b>
<b>Inpatient Activity</b>	
Numbers of Inpatient Admissions	2940
<b>Outpatient Activity</b>	
Clinic Visits	14841

**CONTRACTS AND GRANTS**

<b>Sub Investigator</b>	<b>Study Title</b>	<b>Project Period</b>	<b>Sponsor</b>	<b>Award Amount</b>
Ghania Masri, M.D.	A Phase 3, Twelve-Week, Multicenter, Double-Blind, Randomized, Placebo-Controlled, Efficacy and Safety Study of Mesafem (Paroxetine Mesylate) Capsules in the Treatment of Vasomotor Symptoms Associated with Menopause	Apr 25, 2011 to Feb 28, 2012	Noven Therapeutics LLC	22,406.25

<b>Title</b>	<b>Recipient</b>	<b>Amount</b>
Hanson Professorship	Linda Edwards, M.D.	10,808.99
Scheidel Foundation	Alan Halperin, M.D.	12,710.60

**DIVISION OF HEMATOLOGY AND MEDICAL ONCOLOGY**  
**ACADEMIC YEAR 2012 (7/11 – 6/12)**

## Highlights

The Division of Hematology and Medical Oncology continued its clinical and academic missions. The division maintains an ACGME accredited Oncology fellowship training program and actively participates in training internal medicine residents, medical students, pharmacy and nursing in inpatient and outpatient settings. Dr. Rana coordinated a free Community Health Fair at the Islamic Center in collaboration with Association of Physicians of Pakistani Descent of Northeast Florida providing flu shots, advice regarding diabetes, stroke, hypertension, drug abuse, HIV, breast cancer, prostate cancer and colon cancer. Dr. Rana also hosted a free Breast Cancer Awareness Program at Islamic Center of Northeast, Florida. She was the main speaker on public health awareness at the Hyatt Regency with Dr. Masood. Dr. Latif continues to provide community service at the Islamic Center through We Care Clinic in Jacksonville, FL to poor and uninsured patients. The Oncology Division hosted our first Oncology Pharma Expo with much success and we will continue to host quarterly.

Each member of the division has a strong role in division activities. Dr. Rana is Division Chief of Hematology/Oncology and Director of the Sickle Cell Program. Dr. Rana continues to provide care and leadership in establishing the sickle cell program. Dr. Rana also serves as an important component in the Multidisciplinary Breast Program and is an active member of cancer committee. Dr. Pham is Fellowship Program Director and continues to work closely with the education of the fellows and continues his efforts in the Thoracic Oncology Program. He also works with the Proton Therapy Institute in collaboration of patient care. Dr. Robert Zaiden is responsible for developing the Multispecialty GI Cancer Program and he is working very closely with proton beam. Dr. Naeem Latif established the Head and Neck Multidisciplinary program with ENT and Radiation Oncology. Drs. Rana, Zaiden, Pham and Latif are all involved in the teaching of the residents and fellows. Three faculty members from our department received University of Florida Exemplary Teacher Awards.

**Patient care:** The division provides clinical operations at UF College of Medicine-Jacksonville campus, CB McIntosh Center and Emerson Medical Plaza. All of our faculty members are Board Certified Medical Oncologist. The division continues to work closely with Radiation Oncology and Surgical Oncology leadership, and central administration of the UF College of Medicine-Jacksonville, to coordinate the divisional mission with growth and development of the Jacksonville Hematology/Oncology program providing multimodality care for oncology patients. This year we have already seen a 7.6% increase in Analytic cases data received from Tumor Registry.

**Education:** The medical oncology fellowship has remained strong, and has 100% match rate, with 2 positions filled for 7/2012. Our fellowship program has been granted accreditation for 5 years. All graduating fellows have jobs lined up for 7/2012. Fellows published 3 manuscripts and one abstract. The division continues to support the Internal Medicine Residency Program through facilitation of night float rounds and noon conference core curriculum. The division offers a consult experience in hematology and oncology to residents at all training levels. Fellows have opportunities to contribute to weekly didactic lecture series. Our monthly Journal Club generates discussion on various topics and keeps us up to date with the latest advances in hematology and oncology.

**Research:** The Division of Hematology/Oncology is currently conducting 9 clinical trials, four of which opened during the current grant year. We are planning to start 3 new trials in near future. We are currently enrolling in our first trial with a cooperative group - NCCTG/ALLIANCE. There are a total of seven participants enrolled in this joint effort on the N10C1 trial (Mayo-1, UF-6). Dr. John Vu, Oncology Fellow, had an abstract accepted for poster presentation during the University of Florida College of Medicine-Jacksonville Research Day 2012 entitled, "Outcome Data for Patients with Colorectal Cancer

Treated with Adjuvant Chemotherapy at a Single Academic Institution.” Our site was involved in the COMFORT–I clinical trial which lead to the FDA approval of the first and only medication to treat intermediate or high-risk Myelofibrosis. Jakafi™ (ruxolitinib) became commercially available in December 2011. The Palliative Liaison Pilot Study (PAL-II) to improve patients’ quality of life, in collaboration with Mayo clinic, was a monumental success. We have received and accepted a request by Mayo to partner with them again on the upcoming PAL-IV study. Additionally, we have been grandfathered into the ALLIANCE cooperate group, as an affiliate site, which merged ACOSOG, CALGB, and NCCTG.

### LISTING OF FACULTY MEMBERS

	<p><b>Fauzia Rana, M.D., Assistant Professor and Division Chief</b></p> <p>Medical School / Graduation date      Fatima Jinnah Medical College      1982</p> <p>Internship/residency and year      University of Rochester New York      1990</p> <p>Subspecialty training and year      Dana Farber Deaconess Hospital/Harvard      1993</p>
	<p><b>Naem Latif, M.D., Assistant Professor</b></p> <p>Medical School / Graduation date      Ayub Medical College, Abbottabad, Pakistan      1993</p> <p>Internship/residency and year      University of Pittsburgh Pennsylvania      2004</p> <p>Subspecialty training and year      University of Florida Jacksonville      2010</p>
	<p><b>Dat Pham, M.D., Assistant Professor</b></p> <p>Medical School / Graduation date      University of Florida Jacksonville      1997</p> <p>Internship/residency and year      University of Florida Jacksonville      2000</p> <p>Subspecialty training and year      University of Florida Jacksonville      2002</p>
	<p><b>Robert Zaiden, M.D., Assistant Professor</b></p> <p>Medical School / Graduation date      University of St. Matthews      2003</p> <p>Internship/residency and year      University of Florida Jacksonville      2007</p> <p>Subspecialty training and year      University of Florida Jacksonville      2009</p>

### PUBLICATIONS

Riaz H, **Zaiden R**, Khan M, **Latif N**. Plasmablastic Lymphoma of the Stomach: An Unusual Presentation. Clinical Advances in Hematology & Oncology 2012; 10:477-480.

Hoppe BS, Flampouri S, Su Z, Morris CG, **Latif N**, Dang NH, Lynch J, Li Z, Mendenhall NP. Consolidative Involved-Node Proton Therapy for Stage IA-IIIB Mediastinal Hodgkin Lymphoma: Preliminary Dosimetric Outcomes from a Phase II Study. Int J Radiat Oncol Biol Phys, 2012; 83(1):260-7.

**Rana F**, Comfort-1 Investigators. A Double-Blind, Placebo-Controlled Trial of Ruxolitinib for Myelofibrosis. N Engl J Med. 2012; 366: 799-807.

Emani MK, **Zaiden R**. Aseptic Meningitis: A Rare Side Effect of Cetuximab Therapy. *J Oncol Pharm Pract* 2012; 1-3. Published online 23 May 2012 DOI: 10.1177/1078155212447973 online version: <http://opp.sagepub.com/content/early/2012/05/23/1078155212447973>.

Ibrahim EL, **Rana F**, Johnson K, White R. Assessment of iron deposition in the heart in sickle cell patients using 3.0 Tesla cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance* 2012; 14 (Suppl 1): P194. Online version: <http://www.jcmr-online.com/content/14/S1/P194>.

Zhou L, Landa C, **Zaiden R**. An unusual case of disseminated lymphadenopathy. *Clin Adv Hematol Oncol*. 2012; 10(1): 64-6.

**Latif N**, Imtiaz S, Wang B, **Rana F**, Wolfson D. Primary Small Cell Carcinoma of the Tongue. *J Cancer Sci Ther* 2012; S5:0007.

Hoppe BS, Flampouri S, Su Z, **Latif N**, Dang NH, Lynch J, Joyce M, Sandler E, Li Z, Mendenhall NP. Effective Dose Reduction to Cardiac Structures Using Protons Compared with 3DCRT and IMRT in Mediastinal Hodgkin Lymphoma. *Int J Radiat Oncol Biol Phys* 2012; [Epub ahead of print].

Hoppe BS, Flampouri S, Henderson RH, **Pham D**, Bajwa AA, D'Agostino H, Huh SN, LI Z, Mendenhall NP, Nichols RC. Proton Therapy with Concurrent Chemotherapy for Non-small cell Lung Cancer: Technique and Early Results. *Clin Lung Cancer* 2012; [Epub ahead of print].

Hoppe B, Flampouri S, Lynch J, Slayton W, **Zaiden R**, Zuofeng LI, Mendenhall N. Improving the Therapeutic Ratio in Hodgkin Lymphoma Through the Use of Proton Therapy. *Cancernetwork.com. oncology* 2012; 456-465.

**Zaiden R**, Chief Editor: Dronen, SC. Hemophilia A. <http://emedicine.medscape.com/article/779322-overview>, updated 2011.

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Bambrah RK, **Pham D**, **Zaiden R**, Vu H, Tai S. Heparin-induced thrombocytopenia. *Clin Adv Hematol Oncol*. 2011; 9(8):594-9.

Vu HJ, **Pham D**, Makary R, Nguyen T, Shuja S. Paraneoplastic necrotizing myopathy with severe muscle weakness presenting in a patient with small cell lung cancer: Successful response to chemo-radiation therapy. *Clin Adv Hematol Oncol*. 2011; 9(7):557-6.

Bambrah RK, **Pham D**, **Zaiden R**, Vu H, Tai S. Heparin-induced thrombocytopenia. *Clin Adv Hematol Oncol*. 2011 Aug; 9 (8):594-9.

Nichols RC, Huh SH, Hoppe BS, Henderson RH, Li Z, Flampouri S, D'Agostino HJ, Cury JD, **Pham D**, Mendenhall NP. Proton safely allow coverage of high-risk nodes for patients with regionally advanced non-small-cell lung cancer. *Technol Cancer Res Treat* 2011; 10(4):317-22.

Nichols RC, Huh SN, Henderson RH, Mendenhall NP, Flampouri S, Li Z, D'Agostino HJ, Cury JD, **Pham D**, Hoppe BS. Proton radiation therapy offers reduced normal lung and bone marrow exposure for patients receiving dose-escalated radiation therapy for unresectable stage III non-small-cell lung cancer: a dosimetric study. *Clin Lung Cancer* 2011; 12(4):252-7.

Zhou L, Ohman T, **Zaiden R**. JR. Rare case of renal carcinoma presenting as cutaneous horn. *Community Oncology* 2011; 8:230-232.

Erba HP, **Pham D**, **Zaiden R**, Vu H, Tai S. Improving frontline treatment for chronic myeloid leukemia: emerging evidence for use of nilotinib and dasatinib. *Clin Adv Hematol Oncol*. 2011; 9 (10):734-45.

Bambrah R, **Rana F**, **Pham D**. Hydroxyurea- induced palmar-plantar erythrodysesthesia in an adult with sickle cell disease. *Community Oncology* 2011; 8:237-238.

**Abstracts:**

**Latif N, Rana F.** Efficacy of Neoadjuvant Cisplatin and Oral Capecitabine in Triple-Negative Breast Cancer. *J Clin Oncol*; 2011; 29 (suppl; abstr e11512).

**Monographs:**

Palacio C, **Fauzia R.** Blast Crisis. *BMJ Point of Care* (US product on Epocrates.com) 2012.

Palacio, C, **Fauzia R.** Blast Crisis. *BMJ Best Practice* (International product on bestpractice.com) 2012.

**Presentations:**

**Rana F.** HIV and Cancer. Oral presentation at: Updates in Internal Medicine; Ponte Vedra Beach, FL, June 2012.

**Latif N.** A retrospective review of risk factors for pancreatic cancer in African American patient population. Poster presentation at: UFCOMJ Research Day; Jacksonville, FL, May 2012.

Nichols RC, Thomas GJ, **Zaiden R,** Hochwald,SN, Awad ZT, Ho MW, Zuofeng L, Mendenhall NP, Mendenhall W, Hoppe BS. Proton Therapy with Concomitant Capecitabine for Pancreatic and Ampullary Adenocarcinoma is Associated with a Low Incidence of Gastrointestinal Toxicity. Oral presentation at: 46<sup>th</sup> Annual Meeting of the Pancreas Club; San Diego, CA, May 2012.

**Latif N.** Oncological Emergencies. Oral presentation at: Baptist Cancer Institute; Jacksonville, FL, May 2012.

**Rana F.** Prof. Nabihah Hassan Memorial Lecture. Medical Education Conference. Fatima Jinnah Medical College; Lahore, Pakistan, March 16 2012.

**Latif N.** Unusual case renal cell carcinoma with ocular metastasis. Poster presentation by Dr. Ramlal at: American College of Physicians Chapter Annual Meeting; Orlando, FL, February 2012.

Ibrahim EL, **Rana F,** Johnson K, White R. Assessment of iron deposition in the heart in sickle cell patients using 3.0 Tesla cardiovascular magnetic resonance. <http://www.jcmr-online.com/content/14/S1/P194>. Poster presentation at: 15th Annual SCMR Scientific Sessions; Orlando, FL, USA, February 2012.

**Rana F.** Moderator at: 17<sup>th</sup> Annual Multidisciplinary Symposium on Breast Disease; Amelia Island, FL, February 2012.

**Latif N.** Thrombocytopenia's: A Practical Approach. Oral presentation at: Baptist Cancer Institute; Jacksonville, FL, December 2011.

**Latif N.** Response and Toxicity Analysis of Cisplatin and Oral Capcetabine in Triple Negative Breast Cancer patients in Neo-Adjuvant setting. Poster presentation at: UAE Cancer International Cancer Symposium; UAE, October 2011.

**Latif N.** Cancer of Unknown Primary. Oral presentation at: Baptist Cancer Institute; Jacksonville, FL, July 2011.

**Latif N, Rana F.** Efficacy of Neoadjuvant Cisplatin and Oral Capecitabine in Triple-Negative Breast Cancer. Poster presentation at: 2011 ASCO Annual Meeting; Chicago, IL, June 2011.

Lee K, Riaz H, Villas B, Wang B, **Latif N.** University of Florida College of Medicine Jacksonville, Department of Pathology and Laboratory Medicine and Department of Internal Medicine, UF COM Jacksonville. Retrospective Analysis of the Prognostic Significance of Subcategorizing Diffuse Large B-Cell Lymphomas. Poster presentation at: UFCOMJ Research Day; Jacksonville, FL, May 2011.

**HONORS AND AWARDS**

Dat Pham, M.D.	University of Florida Exemplary Teacher Award 2012
Fauzia Rana, M.D.	University of Florida Exemplary Teacher Award 2012
Robert Zaiden, M.D.	University of Florida Exemplary Teacher Award 2012

**CLINICAL ACTIVITIES**

	<b>AY 11/12</b>
<b>Inpatient Activity</b>	
Numbers of Inpatient Admissions	482
<b>Outpatient Activity</b>	
Clinic Visits	7016

**CONTRACTS AND GRANTS**

<b>Principal Investigator</b>	<b>Study Title</b>	<b>Project Period</b>	<b>Sponsor</b>	<b>Award Amount</b>
Fauzia Rana, M.D.	AN OPEN LABEL ASSESSMENT OF SAFETY AND EFFICACY OF RUXOLITINIB (INCB018424-258) IN SUBJECTS WITH PRIMARY MYELOFIBROSIS	08/12/11 - 09/28/12	Incyte Corporation	\$4,000.00
Fauzia Rana, M.D.	A RDMZD. DLBD-BIND, PLACEBO CONTROLLED STUDY OF THE JAK INHIBITOR INCB018424-351 TABLE ADMIN ORALLY TO SUBJECTS WITH PRIMARY Myelofibrosis	05/27/09-07/09/12	Incyte Corporation	\$16,753.00
Fauzia Rana, M.D.	RANDOMIZED PHASE 3B STUDY OF THREE TREATMENT REGIMENS IN SUBJECTS WITH PREVIOUSLY UNTREATED MULTIPLE MYELOMA Are Not Considered Candidates for High-Dose Chemotherapy and Autologous Stem CellTransplantation	05/14/08-04/08/12	Millennium Pharmaceutical	\$3,824.00
Fauzia Rana, M.D.	AN OPEN LABELED ASSESSMENT OF AN ALTERNATIVE DOSING STRATEGY OF RUXOLITINIB IN A PATIENT WITH PRIMARY MYELOFIBROSIS (18424-261)	02/06/22-01/11/13	Incyte Corporation	\$4,000.00
Dat Pham, M.D.	A double-blind, randomized, placebo-controlled Phase III study to assess the efficacy of recMAGE-A3 + AS15 Antigen-Specific Cancer Immunotherapeutic as adjuvant therapy in patients with resectable MAGE-A3-positive Non-Small Cell Lung Cancer	04/23/07-06/20/12	GlaxoSmithKline Biologicals, S.A. (GSK)	\$16,813.00
Fauzia Rana, M.D.	A Phase I/II study to assess the safety and therapeutic effect of INCB007839 in combination with trastuzumab and vinorelbine in patients with metastatic HER2+ breast cancer	02/28/11-12/14/12	Incyte Corporation	\$16,772.00
Fauzia Rana, M.D.	THE CHRONIC LYMOHOCYTIC LEUKEMIA DISEASE REGISTRY	03/20/11-03/29/13	Celgene	\$3,744.00
Fauzia Rana, M.D.	CONNECT MM: THE MULTIPLE MYELOMA DISEASE REGISTRY	03/20/11-03/28/12	Celgene	\$3,744.00



**DIVISION OF INFECTIOUS DISEASE**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)****Highlights**

The Division of Infectious Disease continued its clinical and academic missions during this past year. The division is comprised of 3 University based infectious disease consultants, all of whom are dually boarded in internal medicine and infectious disease; 1 nurse research coordinator and 1 travel medicine nurse. An additional 10 community based boarded infectious disease physicians and a doctoral level microbiologist are actively involved in various aspects of the fellowship training program.

The division provides inpatient clinical consultation in infectious disease at the Shands Hospital/Jacksonville, Hospital Infection Control direction of Shands Hospital, outpatient travel and tropical medicine services, outpatient infectious diseases consultation and clinical infectious disease research. The division maintains an ACGME accredited Infectious Disease fellowship training program and actively participates in the training of internal medicine residents and medical students in inpatient and outpatient infectious disease. The division has a contract with the Duval County Health Department (DCHD) to provide consultation and clinical care to the counties' HIV/AIDS, TB and STD patients in DCHD specialty clinics.

Each member of the division had a strong administrative role in division activities. Dr. Sands is the university ID Division Chief and ID Division Fellowship Program Director. Dr. Guzman is the Chair of Hospital Infection Control for Shands Hospital, the Division Research Director and ID Fellowship Associate Program Director. Dr. Bailey is the Associate Program Director for the Core Internal Medicine Residency.

**Patient care:**

University ID Division inpatient and hospital based activity: The division provides full time inpatient infectious disease consultation throughout the Shands/Jacksonville Hospital system. During the 2011-2012 academic year, the division performed over 500 inpatient infectious disease consultations with subsequent follow-up at Shands Hospital.

Outpatient services: The division offers outpatient ID consultation by referral at the Emerson and the Towers Medicine subspecialty clinics. During the 2011-12 academic year there were over 550 outpatient ID consultative visits.

Travel medicine services are provided three times per week for overseas travelers at the Faculty Clinic. Over 500 travel patients were seen during the academic year.

Under contract with the DCHD, the division provided professional oversight and care for the HIV/AIDS, TB and STD patients seen at the DCHD specialty clinics. During the 2011-12 academic year, ID division physicians delivered or over-sighted the care for over 1,600 HIV/AIDS patients, 5500 STD visits and over 1700 TB visits at DCHD specialty clinics.

**Education:**

Grand Rounds: The division actively participates both presenting at Medical Grand Rounds and as regular attendees. This academic year faculty gave presentations at 4 UF Grand Rounds and 2 topical lectures at the Internal Medicine Annual Update.

Fellowship Training: The division maintains an ACGME accredited Infectious Disease Fellowship with one fellow for each of the 2 clinical fellowship years. The fellowship program had an accreditation inspection during this past academic year and has been re-accredited on a 5-year cycle. The fellowship training is unique in offering 2 months of clinical microbiology, dedicated research time, 2 months of training in

solid organ transplantation ID at the Mayo Clinic, 1 month training in Pediatric Infectious Disease at Wolfson Childrens' Hospital and 1 month as a junior ID faculty consultant in the Shands MICU, in addition to 15 months experience as the consultant and teaching fellow on the general ID in-patient consult service at Shands.

Our Infectious Disease fellows continue distinguishing themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time Infectious Disease consultants in a variety of metropolitan areas including San Francisco, Atlanta, Tampa and here in Jacksonville.

Resident Training: Faculty provided noon ID core curriculum conferences for the residents; ID consultation teaching rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.

Medical Student Education: Dr. Guzman presented the HIV/AIDS core content conference for UF medical students by teleconference with UF Gainesville. Medical student rotate on the infectious disease consultative service.

ID Division Conference Schedule: The division maintained a full conferencing schedule with topics including: core infectious disease topics, regularly scheduled case conferences; ID board reviews; monthly journal club; HIV topical reviews; monthly TB cases and topical reviews; monthly research conferences; travel and tropical medicine conferences; transplantation ID conferences; and monthly Med/Peds ID joint conferences.

Cooperative extramural resident and fellows' training: As part of their curricula, Mayo Clinic ID fellows, UF Intensivist fellows, UF Pediatric ID fellows and UF Podiatric-Orthopedic residents rotated on the UF ID inpatient consultative service and in the HIV outpatient clinics.

**Research:** Dr. Sands is the principal investigator on 2 NIH sponsored research grants through the INSITE network; an observational study of pandemic influenza H1N1 complications and the START study (Strategic timing of anti-retroviral therapy study) to define the appropriate time to initiate antiviral therapy for HIV infected patients.

Scholarly activity this past academic year has included: 2 abstracts presented at UF Research Day, 8 published ID monographs and 5 journal articles published in peer reviewed journals.

## LISTING OF FACULTY MEMBERS



### **Christina Bailey, M.D., Assistant Professor**

Medical School / Graduation date	University of Texas Health Science Center, Houston, TX	1995
Internship/residency and year	University of Florida Department of Medicine, Jacksonville, FL	1998
Subspecialty training and year	University of Florida Department of Medicine, Jacksonville, FL	2000



### **Nilmarie Guzman, M.D., Assistant Professor**

Medical School / Graduation date	Ponce School of Medicine, Ponce, PR	1996
Internship/residency and year	Damas Hospital, Ponce, PR	1999
Subspecialty training and year	University of Florida Health Science Center, Jacksonville, FL	2006


**Michael Sands, M.D., M.P.H.&T.M., Professor and Division Chief**

Medical School / Graduation date	Georgetown University, Washington, DC	1972
Internship/residency and year	St. Mary's Hospital, San Francisco, CA	1974
Subspecialty training and year	Tulane University School of Public Health& Tropical Medicine, New Orleans, LA (MPH&TM)	1975
	Louisiana State University School of Medicine, New Orleans, LA (Infectious Diseases)	1977
	Northwestern Memorial Hospital, Dept. of Pathology, Clinical Microbiology Section (Clinical Microbiology)	1981

**Community Teaching Faculty:**
**Mayo Clinic – Transplantation ID**

Michael Keating, M.D.  
 Walter Hellinger, M.D.  
 Julio Mendez, M.D.  
 Salvatore Alvarez, M.D.  
 Lisa Brumbacker, M.D.  
 Wendy Bosch, M.D.

**Wolfson Childrens' Hospital – Pediatric ID**

Ana Alvarez, M.D.

**Duval County Health Department – Communicable Diseases Clinics**

Levonne Mitchell-Samon, M.D.  
 Wilfredo Sanchez, M.D.  
 Jeffrey Lauer, M.D.

**Microbiology Laboratories**

Yvette McCarter, Ph.D.  
 Sharon Crowe, B.S., M.S.

**PUBLICATIONS**
**Monographs:**

Mucormycosis. Palnitkar R, **Sands M**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Non-Cholera Vibrio infections. **Sands M**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Hantavirus infections. **Sands M**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Urethritis. **Bailey C**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Chancroid. **Bailey C**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 HIV in Pregnancy. **Bailey C**, Delke I. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Leptospirosis. **Guzman, N**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).  
 Coxiella. **Guzman N**. BMJ E-Pocrates 2012; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

**Journal Publications:**

Soliman EZ, Lundgren JD, Roediger MP, Duprez DA, Temesgen Z, Bickel M, Shlay JC, Somboonwit C, Reiss P, Stein JH, Neaton JD for the INSIGHT SMART study group including **Sands M**. Boosted protease inhibitors and the electrocardiographic measures of QT and PR durations. AIDS 2011;25:366-377.

Sands NG, Wand H, Roque A, Law M, Nason MC, Nixon DE, Pedersen C, Ruxrungtham K, Lewin SR, Emry S, Neaton JD, Brenchley JM, Deeks SG, Sereti I, Douek DC for the INSIGHT SMART study group including **Sands M**. Plasma levels of soluble CD14 independently predict mortality in HIV infection. *J Infect Dis* 2011.

Duprez DA, Neuhaus J, Tracy R, Kuller LH, Deeks SG, Orkin C, Stoehr A, Woolley IJ, Neaton JD for the INSIGHT SMART group including **Sands M**. N-terminal-pro-B-type natriuretic peptide predicts cardiovascular disease events in HIV infected patients. *AIDS* 2011;25.

Magill SS, Hellinger W, Cohen J, Kay R, Bailey C, Boland B, Carey D, **Guzman N**, et.al. Prevalence of healthcare-associated infections in acute care hospitals in Jacksonville, Florida. *Infect Control Hosp Epidemiol*. 2012 Mar;33(3):283-91. Epub 2012 Jan 12.

Palnitkar R and **YS McCarter**. New algorithms for the laboratory diagnosis of *Clostridium difficile*. American Society for Clinical Pathology LabQ, American Society for Clinical Pathology Press, Chicago, IL, (in press).

### CLINICAL ACTIVITIES

	AY 11/12
<b>Inpatient activity</b>	
Consults	500
<b>Outpatient activity</b>	
UF Travel Medicine	510
ID Consultation Clinic	550
DCHD HIV/AIDS patients	1600
STD visits	5500
TB visits	1700

### GRANTS AND CONTRACTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Michael Sands, M.D.	An International Observational Study to Characterize Adults Who are Hospitalized with Complications of Influenza A - Pandemic H1N1 A Multicenter NIH sponsored Study of the International Network for Strategic Initiatives in Global HIV Trials (INSIGHT) ( <i>FLU 003 Study</i> )	9/1/09-5/31/13	INSIGHT	\$11,566
Michael Sands, M.D.	START – Strategic timing of antiretroviral therapy – A multi-national study. NIH – INSITE network	12/1/10-5/31/13	INSIGHT	\$13,185
Nilmarie Guzman, M.D.	An international, multicenter prospective observational study of the safety of Maraviroc used with optimized background therapy in treatment experienced HIV-1 infected patients	10/23/08-10/6/13	ViiV Healthcare (formerly Pfizer)	\$46,663

**DIVISION OF NEPHROLOGY AND HYPERTENSION**  
**ACADEMIC YEAR 2012 (7/11- 6/2012)**

## Highlights

In the 2011 – 2012 academic year, the Division of Nephrology and Hypertension continued to make headway in meeting the goals of the academic mission. In patient care, the offsite dialysis venture with Dialysis Clinic, Inc. (DCI) at the Gateway Unit has continued to expand the hemodialysis patient population and peritoneal dialysis services have begun at that site. In education, the Nephrology fellowship continued to thrive, and Dr. Leighton James continued to direct the fellows' Renal Physiology Course. The joint renal pathology conference with Mayo Clinic Jacksonville continued as a successful and important piece of the educational program. In addition, our annual *Update in Nephrology & Hypertension* CME symposium was once again a success in 2012, with grant support from DCI.

Dr. James was an invited speaker at the Southern Salt, Water and Kidney Club (SSWKC) meeting. Dr. Ashwani Gupta, with a clinical research interest in dialysis, has developed roles in 3 clinical dialysis research trials, i.e. 2 national trials and one local trial, with topics including membranous glomerulonephritis, Cytopherx treatment to improve outcomes from sepsis, and modeling of anemia management in hemodialysis patients. The laboratory of Dr. Charles Heilig continued with funded basic research studies into the pathogenesis of diabetic and nondiabetic glomerulosclerosis in mice. Dr. Heilig was an invited speaker at the SSWKC meeting, at Winthrop-University Hospital, and at Brown University, Rhode Island Hospital. Dr. Andreea Poenariu recently joined the Nephrology faculty from her training at Brown University, Rhode Island Hospital, where she was involved in peritoneal dialysis research. She plans to continue her research at the University of Florida College of Medicine-Jacksonville. Fellows and faculty attended and participated in meetings of the American Society of Nephrology, the American Federation for Medical Research, the National Kidney Foundation, a national Home Dialysis Educational Seminar, the *Update in Nephrology & Hypertension 2012* symposium and the UFCOM-J Research Day symposium.

**Patient care:** The Division of Nephrology provides physician services and the Medical Director for two outpatient dialysis units and provides services to the Shands Jacksonville inpatient acute hemodialysis unit. The newer Gateway Dialysis Unit in Jacksonville continues to grow with both hemodialysis and peritoneal dialysis services at that site. The Gateway Dialysis Unit has 24 hemodialysis chairs and more than 60 patients. The total chronic dialysis population cared for by UFCOM-J Nephrologists has reached approximately 300 patients. Dr. Leighton James and Dr. Ashwani Gupta, recruited in the summer of 2010, have made substantial contributions to the Nephrology clinical effort and this allowed for expansion of clinical services to the Emerson Clinical Facility. The Nephrology Clinics at the Shands Jacksonville campus include the Nephrology Faculty Clinics, the Anemia Clinic, the Chronic Transplant Clinic, the Fellows' Continuity Clinics, the Correctional Facility Clinic and an associated Vascular Access/Teaching Clinic available for fellow participation, located in the Dept. of Surgery. The inpatient Nephrology Consult Service continued with a high level of activity and a daily census of approximately 25-45 patients. This service continues to provide an important educational platform for fellows and medical residents. Dr. Ashwani Gupta was recently appointed as Medical Director of Dialysis Services, and began work last year on a number of improvements in these services. The Nephrology Division also continues to work with the Surgery Department to optimize placement of permanent vascular access for patients preparing for hemodialysis, and improvements have been recognized toward goals of the Fistula First Program. The acute renal transplant program at Shands Jacksonville came to an end in 2011; however, the Chronic Renal Transplant Clinic and hospital services for chronic renal transplant patients continue, with physician services provided by the Division of Nephrology.

**Education:** Dr. Leighton James, Associate Professor of Medicine, initiated the fellows' Renal Physiology Course in 2010, which continues as an important addition to the educational experience. He has also

been Nephrology Fellowship Assistant Program Director since 2011. The joint Renal Pathology conference with Mayo Clinic Jacksonville, which is teleconferenced with Mayo Rochester, has continued to be an important educational component for the Nephrology Fellowship Program. The *Update in Nephrology & Hypertension 2012* CME Symposium provided by the Division of Nephrology was well attended and well received. This is an important educational venue for fellows and faculty alike. The division plans another course in the spring of 2013. Visiting professors Dr. Leopoldo Raij, Dr. Stanley Nahman and Dr. Susan Quaggin provided special lectures in renal physiology, molecular biology and hypertension during the academic year, which complemented the fellows' educational program. The Nephrology faculty continue to participate in educational programs for the Medicine residents, including the Night Float Rotation, Medicine Residents' Noon Conference and the Nephrology Consult Rotation. Outside the Institution, invited lectures on mouse models for renal glomerular disease were provided by Dr. Heilig and Dr. James. The Mayo Renal Transplant Rotation for UF-Jacksonville Nephrology Fellows continued successfully and complements the Nephrology training program at UF & Shands Jacksonville.

**Research:** The topics of research studies in the Division of Nephrology spanned from anemia management and sepsis treatment in dialysis patients, to glucose transporter and growth factor roles in diabetic renal disease, nondiabetic glomerular disease and renal transplant rejection.

An important accomplishment this last year was the recruitment of Dr. Andreea Poenariu to work on her peritoneal dialysis and outcomes research. Dr. Heilig's laboratory focuses on glucose transporter regulation of glomerulosclerosis, and more recently on a potential role for Mechano - Growth Factor (MGF) in diabetic kidney disease. This laboratory continues to be funded by DCI. Dr. James' laboratory focuses on growth factors in the pathogenesis of diabetic nephropathy. Dr. Xiang focuses on ion transport systems, particularly Na<sup>+</sup>/H<sup>+</sup> Antiporters and their potential involvement in disease. Dr. Gupta focuses on research in anemia management of ESRD, dialysis access hemodynamics, and sepsis in acute renal failure. Dr. Mars' current research focuses on the dynamics of the hemodialysis procedure and improvements which may lead to cost-saving measures.

The Nephrology fellows (and Medicine residents) participated in clinical research studies and in the basic science laboratory as part of their research training. Fellows also attended and participated in research activities at the American Society of Nephrology Meeting, the AFMR Meeting and the National Kidney Foundation Meeting.

The Nephrology Division produced 6 publications in peer-reviewed research journals, 1 abstract, and 6 presentations this academic year.

### **Special Initiatives:**

Nephrology & Hypertension Yearly Update, Jacksonville, FL.: This year's meeting organized by the UF-Jacksonville Division of Nephrology was held at the Hyatt Regency Hotel in Jacksonville with strong attendance by local healthcare professionals and was well received. This yearly meeting provides education and CME credits for doctors, nurses and others involved in the care of patients with renal disease.

Nephrology Fellows' QI Project in Dialysis: Dr. Ashwani Gupta directs this important activity which helps to fulfill the ACGME – required competency requirements.

Simulation Laboratory Experience: The Nephrology fellows received Patient Safety Training in the Simulation Laboratory, and future plans include experiences in intravascular line placement and renal biopsies.

Fistula First Initiative: Faculty and fellows continue to participate in this QI and patient safety initiative, aimed at improving patient outcomes on hemodialysis.

Faculty Recruitment: Dr. Andreea Poenariu was hired on August 1, 2012 as Assistant Professor of Medicine from her training program at Brown University, Rhode Island Hospital. Dr. Poenariu is involved in peritoneal dialysis- and outcomes research which she will continue at UFCOM-J.

### LISTING OF FACULTY MEMBERS



**Charles Heilig, M.D., Professor, Division Chief**

Medical School / Graduation date	University of Minnesota	1984
Internship/residency and year	Mayo Clinic Rochester	1987
Subspecialty training and year	Brigham and Women's Hospital, Harvard Medical School	1990



**Ronald Mars, M.D. Associate Professor**

Medical School / Graduation date	St Louis University	1972
Internship/residency and year	Emory University	1976
Subspecialty training and year	Emory University	1978



**Leighton James, M.D., Associate Professor**

Medical School / Graduation date	University of Toronto	1994
Internship/residency and year	University of Toronto	1997
Subspecialty training and year	University of Toronto	1999



**Ashwani Gupta, M.D., Assistant Professor**

Medical School / Graduation date	All India Institute of Medical Sciences	2003
Internship/residency and year	Michigan State University	2008
Subspecialty training and year	Henry Ford Hospital	2010



**Minghui Xiang, Ph.D., Research Assistant Professor**

Graduate School/Graduation date	Arizona State University	2001
Postdoctoral training and year	Johns Hopkins University	2009

### PUBLICATIONS

Buller C, **Heilig C**, Brosius F. GLUT1 Enhances mTOR Activity Independently of TSC2 and AMPK. Am J Physiol (Renal Physiol) 2011; 301(3): F588-96.

Marin-Valencia I, Good LB, Ma Q Duarte J, Bottiglieri T, Sinton CM, **Heilig C**, Pascual JM. Glut1 Deficiency (G1D): Epilepsy and Metabolic Dysfunction in a Mouse Model of the Most Common Human Phenotype. Neurobiol Dis. 2012; 48 (1):92-101.

Yi X, Nickleit V, **James L**, Maeda N.  $\alpha$ -Lipoic Acid Protects Diabetic Apolipoprotein E-deficient Mice from Nephropathy. *J. Diabetes Complications* 2011; 25(3):193-201.

Sterling K, Okech B, **Xiang M**, Linser P, Price D, VanEkeris L, Becnel J and Harvey WR. High Affinity  $^3\text{H}$ -Phenylalanine Uptake by Brush Border Membrane Vesicles from Whole Larvae of *Aedes aegypti*. *Journal of Insect Physiology* 2012; 58(4): 580-9.

**Xiang M**, Linser P, Price D, and Harvey WR. Localization of two  $\text{Na}^+$ - or  $\text{K}^+$ -  $\text{H}^+$  Antiporters, AgNHA1 and AgNHA2, in *Anopheles Gambiae* Larval Malpighian Tubules and the Functional Expression of AgNHA2 in Yeast. *Journal of Insect Physiology* 2012; 58(4): 570-9.

Harvey WR, **Xiang M**.  $\text{K}^+$  Pump: from Caterpillar Midgut to Human Cochlea. *Journal of Insect Physiology* 2012; 58(4): 590-8.

#### Abstracts:

**Xiang M**, Heilig K, **James L**, Panni J, **Heilig C**. Mechano-Growth Factor Induces the Mesangial Cell GLUT1 Glucose Transport System., *JASN* 2011; 22(11) (Abstract Supplement), 471A.

Maggard R. **Mars R**. Comparison of Dialysate to Blood Flow Ratios 1.5 vs. 2.0. *J Invest Med.*, 2011; 59(2): 552-563.

#### Presentations:

**Heilig C**. Diabetic Nephropathy and a Role for Glucose Transporters. Oral presentation at: Winthrop-University Hospital, Mineola, NY. January 2012.

**Heilig C**. Roles for Glucose Transporters and MGF in Renal Disease. Oral presentation at: Brown University School of Medicine, Rhode Island Hospital, RI. May 2012.

**Heilig C**. Mechano-Growth Factor and GLUT1 in Diabetic Kidney Disease. Oral presentation at the Southern Salt, Water & Kidney Club Meeting, Lido Key, FL., December, 2011.

Maggard R, Nguyen T, **Mars RL**. Comparison of Dialysate to Blood Flow Ratios 1.5 vs 2.0. Poster presentation at the University of Florida College of Medicine-Jacksonville Research Day, Jacksonville, Florida. May, 2012.

**James LR**, Le Ce. Role of CTGF in HIF1a Responsiveness. Oral presentation at the American Society of Nephrology Meeting, Philadelphia, PA., November, 2011.

**James LR**, Le C. Role of CTGF in HIF1a Responsiveness. Oral presentation at Southern Salt, Water & Kidney Club Meeting, Lido Key, FL., December, 2011.

### HONORS AND AWARDS

Ashwani Gupta, M.D.	Exemplary Teacher Award, UFCOM-J	2012
Charles Heilig, M.D.	Invited Speaker: Winthrop-University Hospital.	2012
Charles Heilig, M.D.	Invited Speaker, Brown Univ. & Rhode Island Hospital	2012
Charles Heilig, M.D.	Researcher/Scholar of the Year, UFCOM-J	2012



**CLINICAL ACTIVITIES**

	<b>AY 11/12</b>
<b>Inpatient activity</b>	
Initial Inpatient Encounters	662
Inpatient dialysis treatments	3119
<b>Outpatient activity</b>	
Clinic visits	2591
Outpatient dialysis visits (full month)	3195

**CONTRACTS AND GRANTS**

<b>Principal Investigator</b>	<b>Study Title</b>	<b>Project period</b>	<b>Sponsor</b>	<b>Total direct costs</b>
Heilig, C	Mechanisms of GLUT 1-induced Glomerulosclerosis (projects C-2957 and C-3000)	10/08 – 10/12	Dialysis Clinics, Inc.	\$436,733
Heilig, C	Roles of GLUT1 & Glucose in the Progression of Nondiabetic Glomerulosclerosis	2/12 – 2/15	Dialysis Clinics, Inc.	\$384,854
Heilig, C	Update in Nephrology & Hypertension - 2012	3/12	Dialysis Clinics, Inc.	\$20,000
Xiang, M	Role of Novel Na <sup>+</sup> /H <sup>+</sup> Antiporters in Essential Hypertension	7/10 – 6/14	American Heart Association	\$280,000

**DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

## Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine had continued growth with Dr. Lisa Jones and Dr. Faisal Usman and continues with a full complement of six fellows in training. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. The first two fellows graduated in June 2011 and have passed their board certification examinations. Clinically we have expanded to initiate navigational bronchoscopy in addition to last year's cardiopulmonary exercise testing and medical thoracoscopy, adding it to the list of vast interventional pulmonary services provided by our division. Academically, the division continues to be productive in the areas of clinical and original research and publications. Dr. Bajwa was elected as the Vice President of South East Thoracic Association. The fellows under the mentorship of faculty are engaged in a number of clinical studies. The division had a number of abstracts presented in national and international conferences and was represented in various regional meetings in the form of providing educational lectures.

**Patient care:** Division faculty staffs a number of specialized and general pulmonary clinics. The Asthma Clinic under the supervision of Dr. Cury is part of the American Lung Association Asthma Clinical Research Network. Through this clinic, Dr. Cury is now involved in a number of clinical trials in the arena of asthma treatment.

Pulmonary Hypertension Clinic continues to be a regionally known referral center with patients being referred from regions all over the east coast. As a member of the Pulmonary Hypertension Association, it continues to be a center of excellence. The clinic currently manages approximately 170 pulmonary hypertension patients. With the addition of Dr. Shujaat, we have expanded the clinic to 1.5 days per week. We recently added a new simplified cardiopulmonary assessment tool in the clinic for this population allowing us to monitor their disease state much more closely.

Under Drs. Jones and Usman, the division initiated an Interstitial Lung Disease and Sarcoidosis Clinic to enhance patient care and research in this field.

The fellows' continuity clinic is staffed by at least 5 fellows once a week and supervised by faculty. The number of pulmonary function tests performed has also accordingly increased.

Thoracic Oncology Clinic continues its multidisciplinary approach to patients with thoracic malignancy. In addition to pleuroscopy the division now offers navigational bronchoscopy for not only diagnostic purposes but also for placement of fiducial markers for radiation and thoracic surgery. Dr. Bajwa has also started performing endobronchial valve placement for prolonged air leaks to help with reduction of hospital length of stay related to this diagnosis.

The division, under the leadership of Drs. Bajwa and Jones is spearheading efforts to initiate an institute wide severe sepsis and septic shock recognition and management protocol. Dr. Jones is the recipient of a \$25,000 Clinical Quality Award grant to evaluate the implementation and monitoring of this protocol and its impact on outcomes.

The division expanded its presence at the Emerson clinic location with Drs. Jones and Usman. The inpatient pulmonary consult service continues to be busy and with the continued evolution of the bronchoscopy suite, the number, efficiency and timeliness of bronchoscopic procedures offered by the division were enhanced.

**Education:** At a regional level the division gained recognition with the appointment of Dr. Bajwa as Vice President of South East Thoracic Association affiliated with American Lung Association. The organization conducts state-of-the-art educational conferences twice per year (the Pulmonary Winter Course and the Tri-State Conference), which are well attended by participants from the region of Florida, Georgia and South Carolina.

The division continues to play an active role in the educational core lecture series including Grand Rounds and Updates in Internal Medicine 2012. The division faculty also has an active role in the educational lectures for a variety of residency programs including emergency medicine, obstetrics, internal medicine and trauma critical care. Dr. Cury was honored with the Teacher of the Year Award. Dr. Shujaat was awarded the residents' Teacher of the Year Award.

The Pulmonary and Critical Care Fellowship Program, under the direction Program Director Dr. Cury, has been doing extremely well. The four fellows who took the board certification exam in pulmonary disease all passed. Dr. Shujaat continues to be Assistant Program Director and, along with Dr. Cury, is responsible for coordinating the educational activities for the fellowship. Fellows are regularly mentored by a faculty member in preparation and presentation of lectures.

The division was involved in various regional meetings with faculty representing the University of Florida/Jacksonville by providing educational lectures in various topics of interest.

The faculty continues to mentor and supervise family medicine residents from the Navy Residency Program during their rotation in the Medical Intensive Care Unit and have always received very positive feedback from the leadership of that program. In addition, we have been active in training nurse practitioners and physician assistants not only from the University of Florida sponsored training programs but also for nurse practitioners preparing to be a part of the Neuro-Critical Care Program.

**Research:** The division has been very successful in obtaining and continuing its clinical research trials along with funded research. The funded research includes Dean's grants and investigator initiated trials.

The number of internal unfunded clinical research protocols has also increased substantially resulting in quality abstracts being presented at national and international meetings.

The division now has a dedicated clinical research coordinator (Minal Patel) which has enabled the division to participate in more hospital based clinical research protocols.

The faculty had an increasing number of publications in peer review journals and a number of manuscripts are in preparation. Close collaboration with other departments with common research interests is the key to future protocols and publications.

The focus of the division is to enhance collaboration with other departments and regional centers and continue to strive for excellence in this arena.

### LISTING OF FACULTY MEMBERS



**Abubakr Bajwa, M.D., Assistant Professor and Division Chief**

Medical School / Graduation date	King Edward Medical College	1998
Internship/residency and year	University of South Dakota	2003
Subspecialty training and year	Mayo Graduate School of Medicine	2007

**James D. Cury, M.D., Associate Professor**

Medical School / Graduation date	University of Miami	1981
Internship/residency and year	Barnes Hospital/Washington	1984
Subspecialty training and year	Washington University	1987

**Lisa Jones, M.D., Assistant Professor**

Medical School / Graduation date	University of Cincinnati	1998
Internship/residency and year	University Hospital Cincinnati	2001
Subspecialty training and year	Naval Medical Center	2007

**Adil Shujaat, M.D., Assistant Professor**

Medical School / Graduation date	King Edward Medical College	1998
Internship/residency and year	St.Luke's Roosevelt Hospital Center	2003
Subspecialty training and year	St.Luke's Roosevelt Hospital Center	2006

**Faisal Usman, M.D., Assistant Professor**

Medical School / Graduation date	King Edward Medical College	2002
Internship/residency and year	Mount Sinai Hospital	2008
Subspecialty training and year	University of Florida College of Medicine-Jacksonville	2011

## PUBLICATIONS

Girdhar A, Usman F, **Bajwa AA**. Aspiration of capsule endoscope and successful bronchoscopic extraction. AA. Accepted pending publication. *J Bronch & Interven Pulmonol*. 2012.

Girdhar A, **Bajwa AA**, **Cury JD**, Usman F. A rare cause of hypoxia in a patient with liver cirrhosis. Accepted pending publication. *Resp Med Case Reports* 2012.

De Jesus Perez V, Rosenzweig E, Rubin LJ, Poch D, **Bajwa AA**, Park M, Jain MD, Bourge RC, Kudelko K, Spiekerkoetter E, Hsi A, Zamanian RT. Transition from intravenous and subcutaneous prostanoid therapy to inhaled trepostinil in pulmonary arterial hypertension: a preliminary multicenter experience. *Am J Cardiol*, Jul 30, 2012 Epub ahead of print.

**Shujaat A**, **Bajwa AA**, **Cury JD**. Pulmonary Hypertension Secondary to COPD. Accepted. Pending publication. *Pulm Med*. 2012.

**Shujaat A**, **Bajwa AA**. Optimization of preload in severe sepsis and septic shock. *Crit Care Res Pract*. vol. 2012, Article ID 761051, 14 pages. doi:10.1155/2012/7610512012.

Seeram V, **Shujaat A**, **Jones L**, **Bajwa AA**. 82-Year-Old Woman with Left Upper Lobe Atelectasis. Accepted. Pending publication. *Chest* 2012.

Hoppe BS, Flampouri S, Henderson RH, Pham D, **Bajwa AA**, D'Agostino H, Huh SN, LI Z, Mendenhall NP, Nichols RP. Proton Therapy With Concurrent Chemotherapy for Non-small-cell Lung Cancer: Technique and Early Results. *Clin Lung Cancer*. 2012 Jan 18. Epub ahead of print.

Girdhar A, **Shujaat A**, **Bajwa AA**. Management of infectious processes of the pleural space: A review. *Pulm Med*, Volume 2012, 2012:816502. Epub 2012 Mar 14.

Nichols RC, Henderson R, Huh S, Flampouri S, Li Z, **Bajwa AA**, D'Agostino H, Pham D, Mendenhall N, Hoppe B. Proton Therapy for Lung Cancer. Accepted pending publication, *Thoracic Cancer* 2011;3(2):109-116.

**Bajwa AA, Cury JD.** What's New in Critical Illness and Injury Science? Managing ARDS is Still a Challenge. *Int J Crit Illn Inj Sci.* 2011 Jan;1(1):3-4.2011. 1(2): 95-96.

Usman F, **Shujaat A, Cury JD, Bajwa AA.** Echocardiographic findings and its impact on outcomes of critically ill patients with AIDS in the era of HAART., *Pulm Med* . Volume 2012, 2012:575793. Epub April 9, 2012.

Samuel V, **Bajwa AA, Cury JD.** First case of Legionella pneumophila native valve endocarditis. *Int J Infect Dis.* 2011 Aug;15(8):576-7.

Usman F, Samuel V, **Cury JD, Shujaat A, Bajwa AA.** Impact of Gastro-Esophageal Reflux Disease (GERD) on common pulmonary diseases. *Northeast Florida Medicine.* 2011. 62(1): 31-34.

Usman F, **Cury JD, Shujaat A, Bajwa AA.** A retro-sternal abscess after trigger point injections in a pregnant woman: a case report. *J Med Case Reports.* 2011 Aug 23;5(1):403.

Nichols RC, Huh SH, Hoppe BS, Henderson RH, Li Z, Flampouri S, D'Agostino HJ, **Cury JD**, Pham DC, Mendenhall NP. Protons safely allow coverage of high-risk nodes for patients with regionally advanced non-small-cell lung cancer. *Technol Cancer Res Treat.* 2011 Aug;10(4):317-22.

Rascon-Aguilar IE, Pamer M, **Cury JD**, Vega KJ. Poorly Treated or Unrecognized GERD Reduces Quality of Life in Patients with COPD. *Dig Dis Sci* 2011 Jul;56(7):1976-80.

Girdhar A, Singh A, **Bajwa AA.** An unusual case of pulmonary hypertension in a patient with chronic obstructive airway disease. *Resp Med CME*, 2011. 4(1): 44-46.

#### Abstracts and Presentations:

De Jesus Perez V, Rosenzweig E, Rubin LJ, Poch D, **Bajwa AA**, Park M, Jain MD, Bourge RC, Kudelko K, Spiekerkoetter E, Hsi A, Zamanian RT. Transition from intravenous and subcutaneous prostanoid therapy to inhaled treprostinil in patients with stable moderate to severe pulmonary arterial hypertension: a preliminary multicenter experience. *Am. J. Respir. Crit. Care Med*, May 2011; 183: A5909. Abstract presented American Thoracic Society. Denver, CO 2011.

Usman F, **Bajwa AA, Cury JD, Shujaat A**, Bhatti HA, Qureshi TA. A 50 Year Old Transgender Man with Progressive Cough And Exertional Dyspnea. *Am. J. Respir. Crit. Care Med.*, May 2011; 183: A4624. Poster presented American Thoracic Society. Denver, CO 2011.

Samuel V, **Cury JD, Shujaat A, Bajwa AA.** Prevalence of cocaine use in patients with intra cerebral hemorrhage. *Chest.* October 2011 vol. 140 no. 4 Meeting Abstracts 319A. Poster presented American College of Chest Physician. Honolulu, HI. 2011.

Singh A, Girdhar A, **Bajwa AA, Cury JD**, Usman F. A case of combined porto-pulmonary hypertension and hepatopulmonary syndrome. Oral presentation at American College of Chest Physician. Honolulu, HI. 2011.

Qureshi T. Tuberculous Pleuritis. A case and review of literature. Pulmonary Wintercourse, Southeast Thoracic Association. Orlando FL 2011

Qureshi T. Pulmonary Venous Hypertension. Pulmonary Wintercourse, Southeast Thoracic Association. Orlando FL 2012

El-Sayed I, **Bajwa AA.** Relationship between pulmonary artery hemodynamics and right ventricle function in pulmonary arterial hypertension using cardiovascular magnetic resonance. *J Cardiovasc Magn Reson* 2012, 14(Suppl 1):P82.

El-Sayed I, **Bajwa AA**, McCook B. Evaluation of the relationship between right ventricle mechanics and pulmonary artery vessel and flow dynamics in pulmonary artery hypertension by MRI. International Society for Magnetic Resonance in Medicine. Melbourne, Australia, May 2012

Seeram V, **Bajwa AA, Cury JD, Shujaat A, Jones L**, Ramsaran V, Usman F. Clinical and radiological characteristics of hospitalized patients with COPD exacerbation and cocaine use. Poster presentation. American Thoracic Society, San Francisco, CA, 2012.

Bhatti H, **Bajwa AA, Shujaat A, Cury JD**, Usman F. Diagnostic yield of EBUS TBNA for the Evaluation of Centrally Located Peribronchial Pulmonary Lesions. Oral presentation. American College of Chest Physician. Atlanta, GA 2012.

## HONORS AND AWARDS

Adil Shujaat, M.D. Internal Medicine Teacher of the Year Award 2012

## CLINICAL ACTIVITIES

	AY 11/12
<b>Inpatient activity</b>	
Initial IP Encounters	750
<b>Outpatient activity</b>	
Clinical Visits	3969
<b>Procedures</b>	
Bronchoscopies	642
Sleep Studies	495

## CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Abubakr Bajwa, M.D.	Effects of combination of bosentan and sildenafil versus sildenafil monotherapy on morbidity and mortality in symptomatic patients with pulmonary arterial hypertension A multicenter, double-blind, randomized, placebo-controlled, parallel group, prospective, event driven Phase IV study (Compass 2).	9/17/09-9/29/13	Actelion	\$57,874.00
Abubakr Bajwa, M.D.	An open label extension Trial of UT-15C SR in Subjects with Pulmonary Arterial Hypertension. (UT-304).	12/2/09-1/29/14	United Therapeutics	\$12,937.50
Abubakr Bajwa, M.D.	AMBITION. A randomized controlled trial to evaluate first-line combination use with ambrisentan, and tadalafil, a PDE5 inhibitor, in patients with PAH.	10/5/10-10/15/14	Gilead	\$14,537.00
Abubakr Bajwa, M.D.	A Phase 3, Double-Blind, Multicenter, Randomized, Placebo-Controlled Trial Evaluating Repeated Courses of Aztreonam for Inhalation Solution in Subjects with non-CF Bronchiectasis and Gram-Negative Endobronchial Infection (AIR-BX2).	6/13/11-7/11/13	Gilead	\$9,118.75
Abubakr Bajwa, M.D.	An open label study to evaluate impact of inhaled treprostinil Sodium on ventilation perfusion matching when used for treatment of pulmonary hypertension and concomitant chronic obstructive pulmonary disease (COPD). United Therapeutics Investigator Initiated Study Grant.	7/29/11-10/25/13	United Therapeutics Investigator initiated trial grant	\$194,116.00
Abubakr Bajwa, M.D.	Non-Invasive cardiac output monitoring for evaluation of pulmonary hypertension.	11/17/11-11/17/12	Deans' Grant	\$10,000.00
Lisa M Jones, M.D.	Implementation of a protocol, for early identification and management of sepsis, severe sepsis/septic shock patients -An institution wide multidisciplinary collaborative.	7/6/12-7/6/13	Clinical Quality Award Grant	\$25,000.00
Abubakr Bajwa, M.D.	A Postmarketing Observational Study to Assess Respiratory Tract Adverse Events in Pulmonary Arterial Hypertension Patients Treated with Tyvaso® (treprostinil) Inhalation Solution (ASPIRE)	3/6/12-5/9/14	United Therapeutics	\$1875.00
Abubakr Bajwa, M.D.	Phase 3 study of efficacy and safety of Pirfenidone in idiopathic pulmonary fibrosis. (ASCEND).	9/20/11-10/14/13	Intermune	\$22,078.00
Abubakr Bajwa, M.D.	A 16-Week, International, Multicenter, Double-Blind, Randomized, Placebo-Controlled Comparison of the Efficacy and Safety of Oral UT-15C Sustained Release Tablets in Subjects with Pulmonary Arterial Hypertension on background therapy.	4/6/10-4/21/12	United Therapeutics	\$23,318.75

**DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY**  
**ACADEMIC YEAR 2012 (7/11 - 6/12)**

## Highlights

The Division of Rheumatology and Clinical Immunology had a very successful and productive academic year on multiple levels. Despite our new beginnings, we have been planting many seeds for the future and can readily see some of the fruits of our dedication to the University of Florida College of Medicine–Jacksonville (UFCOM-J) mission, collaboration and teamwork under the guidance of our leadership including the deans, but specifically our chairman, Dr. Arshag Mooradian. The division had great accomplishments in patient care, research, and education.

The division successfully inaugurated the first Rheumatology Fellowship Training Program at the UFCOM-J. This training program will allow us to retain our highly trained physicians and provide more rheumatologists to face the expanding shortage of rheumatologists in the present and future. Meanwhile, we continue to work with other training programs and the GME office at UFCOM-J in order to provide mentoring and teaching for many students and residents who are interested in our specialty. The division organized the third extremely successful CME Musculoskeletal Ultrasound Training Course. It was also successful in competing and holding the American College of Rheumatology Intermediate Ultrasound Course which was attended by rheumatologists from all over the world.

Dr. Ghaith Mitri resigned from the Division in April 2012. His efforts to build the division are very much appreciated. Despite the reduction in faculty members, we maintained our clinical volume, growth and hard-work by maintaining our publications and outpatient visits compared to last year. Our faculty members were featured in local, national and international professional meetings, served on expert advisory boards and as professional journal reviewers and participated in local and professional medical societies. Currently, we offer the most up-to-date patient care and rheumatology services to our patients both in the inpatient and outpatient settings.

The Division of Rheumatology and Clinical Immunology was able to build and maintain its research unit from the ground up. After overcoming many challenges, the division has over a million US Dollars in total research budget from grants and active studies with almost twice that amount in the pipeline.

Currently, the division is planning an expansion by recruiting more faculty members. However, the backbone to our success is the loyal and hardworking staff at our clinics, hospital and administrative offices.

**Patient care:** We provided care for patients with numerous medical conditions including, but not limited to, many types of arthritis, lupus, scleroderma, myositis, autoimmune and systemic diseases, osteoporosis, connective tissue diseases related to inflammation and metabolic dysfunction, soft tissue conditions and pain such as fibromyalgia. We continue to be on the forefront of providing very up-to-date rheumatology services and 24/7 consultations at Shands Jacksonville, the Ambulatory Care Center clinic and our dedicated outpatient clinic on Emerson Street. The division also provides musculoskeletal ultrasound services related to rheumatologic care both for inpatient and outpatient settings.

In the outpatient setting, we provide full rheumatology coverage from Monday to Friday, where we provide diagnostic musculoskeletal ultrasound and musculoskeletal procedures under ultrasound guidance. At our infusion suite, we can administer all the intravenous biologics, disease modifying drugs and osteoporosis medications.

Excellence is our only goal when it comes to patient care. Our faculty members achieved or exceeded the average in our specialty and in comparison to others at our institution. We touch our patients' lives

during some of the most vulnerable moments they will ever encounter alone or with their loved ones. As physicians of the UFCOM-J, we always strive for excellence in our practice.

**Education:** Education is one of the main missions at the UFCOM-J. Our faculty members have been very dedicated and creative in delivering the best of what they can offer to our students and residents. Our achievements in education were highlighted in multiple venues but the Rheumatology Fellowship Program was a major cornerstone in the growth and development of our academic program.

The Rheumatology Fellowship started in July 2011 with Dr. Manish Relan as the first fellow. Under the leadership of Dr. Kaeley and Dr. Pappa and under the direction of the Graduate Medical Education office, the program continues to be strengthened. It provides a strong clinical focus as well as many opportunities in clinical research and quality improvement, as well as musculoskeletal ultrasound.

In the educational program of the University of Florida medical students and residents, Dr. Pappa, Dr. Kaeley, and Dr. Mitri participated in precepting clinics in rheumatology and delivered core curriculum lectures for the Internal Medicine Residency Program. All rheumatology faculty members participated in internal medicine grand rounds and shared the knowledge of their invited rheumatology speakers on a regular basis.

The third Musculoskeletal Ultrasound Course in February 2012 was a great success. This was a 3-day CME hands-on training course that uniquely utilized our state-of-the-art simulation laboratory. Dr. Kaeley and Dr. Pappa organized the course as well as served as faculty providing lectures and practical ultrasound instruction. The course was attended by rheumatology educators and fellows from 28 States. The division successfully competed for and held the inaugural American College of Rheumatology Intermediate Course in June 2012 in Jacksonville, FL. Dr. Kaeley and Dr. Pappa were part of an international faculty panel. The course drew attendees from United States, Canada, Turkey, Saudi Arabia, Qatar, United Arab Emirates, India, Japan, and Australia. The attendees were very complimentary of the innovative cadaver based curriculum held in the UFCOM-J CSESaR simulation center. The division is grateful for the hard work of the simulation staff in making the courses such a success.

Elearning is an entrepreneur unique project pioneered by Dr. Pappa and Dr. Kaeley. The aim of this project is to develop electronic learning content to cover basic Rheumatology Core Curriculum as well as musculoskeletal ultrasound training material. Internal Medicine Residents need to assimilate core knowledge rapidly in order to gain the most out of the clinical Rheumatology rotations.

### LISTING OF FACULTY MEMBERS



**Gurjit S Kaeley, M.B.B.S., Associate Professor**

Medical School/Graduation date	The London Hospital Medical College, London, UK	1990
Internship/residency and year	University of Tennessee College of Medicine	1996
Subspecialty training and year	University of Tennessee College of Medicine	1998



**Ghaith Mitri, M.D. M.M.M., Assistant Professor and Division Chief**

Medical School/Graduation date	Damascus University School of Medicine	1995
Internship/residency and year	Scranton Temple University	1999
Subspecialty training and year	University of Pittsburg School of Medicine	2001
Post-Graduate Training and year	Marshall School of Business, USC	2007



**Chrysoula Pappa, M.D., Assistant Professor of Medicine**

Medical School/Graduation date	Aristotle University of Thessaloniki	2001
Internship/residency and year	Albany Medical College	2007
Subspecialty training and year	Albany Medical College	2009

**PUBLICATIONS**

**Relan M, Mitri GM.** Eosinophilic Fascitis: A Difficult Diagnosis. *J Musculoskel Med.* 2012 Mar;29(2):45-47, 55.

**Kaeley GS, Bakewell CJ.** The Ultrasound Imaging Module: A Report from the GRAPPA 2010 Annual Meeting. *J Rheumatol.* 2012 Feb;39(2):404-7.

**Kaeley GS.** Review of the Use of Ultrasound for the Diagnosis and Monitoring of Enthesitis in Psoriatic Arthritis. *Curr Rheumatol Rep.* 2011 Aug;13(4):338-45.

**Kaeley GS.** Evaluation of Seronegative Arthritis. *BMJ Point-of-Care* ([www.pointofcare.bmj.com](http://www.pointofcare.bmj.com)). Powered by Epocrates. Updated Aug 2011.

**Mitri G.** Familial Mediterranean Fever. *BMJ Point-of-Care* ([www.pointofcare.bmj.com](http://www.pointofcare.bmj.com)). Powered by Epocrates. Updated Jul 2011.

**Activities, Presentations and Abstracts:**

**Kaeley GS.** GRAPPA Sonographic Dactylitis Initiative. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Stockholm, Sweden, June 2012.

**Kaeley GS.** Practical Demonstration: The Shoulder – Standard Scans and Dynamic Testing. American College of Rheumatology Musculoskeletal Intermediate Ultrasound Course for Rheumatologists with Interventional Cadaver Workshop; Jacksonville, FL, June 2012.

**Kaeley GS.** Sonopathology of the Shoulder: The Rheumatologist's Perspective. American College of Rheumatology Musculoskeletal Intermediate Ultrasound Course for Rheumatologists with Interventional Cadaver Workshop; Jacksonville, FL, June 2012.

**Kaeley GS.** Sonography of Rheumatoid Arthritis. American College of Rheumatology Musculoskeletal Intermediate Ultrasound Course for Rheumatologists with Interventional Cadaver Workshop; Jacksonville, FL, June 2012.

**Kaeley GS.** Use of Sonography in Rheumatology Practice. Tennessee Rheumatology Society Ultrasound Training Course; Nashville, TN, May 2012.

Chandrasekharan C, **Relan M.** Giant Adrenal Myelolipoma-Rare Tumor with increasing Reported Incidence. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

Ramlal R, **Relan M.** A Case of Acute Fulminant Hepatic Failure Secondary to Acute Hepatitis B Viral Infection in association with HIV Co-infection. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.

Ramrattan L, **Pappa C, Kaeley GS.** Medical decision: “Do no harm” or “better safe than sorry”? Mycophenolate Mofetil used in a lupus patient with diffuse alveolar hemorrhage. Poster finalist at: American College of Physicians Internal Medicine 2012; New Orleans, LA, April 2012.

**Kaeley GS.** Indications for Musculoskeletal Ultrasound. American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatology Fellows; Chicago, IL, April 2012.

**Kaeley GS.** Ultrasonography of Spondyloarthritis - Focus on Enthesitis. 19th Annual Antonio Reginato Musculoskeletal Ultrasound Course for Rheumatologists; Philadelphia, PA, March 2012.

**Kaeley GS.** The Shoulder: Standard Scans, Sonographic Anatomy and Basic Sonographic Pathology. Live Demonstration: Scanning of the Shoulder. American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists-Fundamentals; Chicago, IL, April 2012.

Shroff M, **Relan M, Kaeley GS.** Pseudo Cellulitis from Illegal use of Industrial Grade Silicone Injection: A Case Report. Florida Chapter American College of Physicians Associates Meeting; Orlando, FL, March 2012.

**Mitri G.** Gout and Other Crystals. Rheumatology, Allergy & Pain Symposium; Ponte Vedra Beach, FL, March 2012.

**Relan M, Pappa C,** Butendieck R, Abril A. Vasculitis & Arthritis in the Elderly. Rheumatology, Allergy & Pain Symposium; Ponte Vedra Beach, FL, March 2012.

Calamia K, **Mitri G.** Autoinflammatory, Behcet's Disease & FMF. Rheumatology, Allergy & Pain Symposium; Ponte Vedra Beach, FL, March 2012.

**Kaeley GS.** Spondyloarthropathy. Rheumatology, Allergy and Pain Symposium; Ponte Vedra, FL, March 2012.

**Mitri G.** High Serologic and Inflammatory Markers in RA are associated with Worse Pain and Functional Status. Poster presentation at: American Federation for Clinical Research Southern Regional Meeting; New Orleans, LA, February 2012.

**Kaeley GS.** Sonography of the Shoulder - normal scans and sonopathology. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

**Kaeley GS.** Ultrasonography of Inflammatory Arthritis. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

**Kaeley GS.** Ultrasonography of Crystalline Arthropathy. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

**Pappa C.** Sonography of the Knee – normal scans and sonopathology. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists; Jacksonville, FL, February 2012.

**Kaeley GS.** Ultrasonographically guided joint injections in Rheumatology. Canadian Rheumatology Society Meeting; McMasters University, Hamilton, ON, January 2012.

**Kaeley GS.** Shoulder - Review of standard scans. Canadian Rheumatology Society Meeting; McMasters University, Hamilton, ON, January 2012.

**Pappa C.** Sonography of the Knee. Canadian Rheumatology Society Meeting; McMasters University, Hamilton, ON, Canada, January 2012.

**Kaeley GS.** Sonography of the shoulder. American College of Rheumatology ultrasound course; Chicago, IL, November 2011.

**Kaeley GS.** How does a Rheumatologist Utilize Musculoskeletal Ultrasound? Virginia Society of Rheumatologists 25<sup>th</sup> Annual Scientific Meeting; Arlington, VA, October 2011.

**Kaeley GS.** Use of Sonography in Rheumatoid Arthritis. Asociacion De Rheumatologos De Puerto Rico; Puerto Rico, September 2011.

**Kaeley GS.** Ultrasonography of the hand and wrist. Musculoskeletal Ultrasound Course for UF Rheumatology Fellows; Gainesville, FL, August 2011.

**Kaeley GS.** Sonography of the shoulder. Musculoskeletal Ultrasound Course for UF Rheumatology Fellows; Gainesville, FL, August 2011.

**Kaeley GS.** Introduction to Musculoskeletal Ultrasound. Musculoskeletal Ultrasound Course for UF Rheumatology Fellows; Gainesville, FL, August 2011.

**Kaeley GS.** Defining Sonographic Elements of Psoriatic Dactylitis. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

**Kaeley GS.** Developing a Sonographic Index to Evaluate and Measure Enthesitis in PsA. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

**Kaeley GS.** Co-Chair Imaging Module - Ultrasound and MRI. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

**Kaeley GS.** Sonography of the foot and ankle: anatomy and pathology. Clinical Applications of Musculoskeletal Ultrasound Conference; Ohio State University, Columbus, OH, July 2011.

**Kaeley GS.** How do Rheumatologists utilize musculoskeletal ultrasound? Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

**Kaeley GS.** Ultrasound of the shoulder. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

**Kaeley GS.** Introduction to musculoskeletal ultrasound. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

**Pappa C.** Sonography of the hands. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

## CLINICAL ACTIVITIES

	AY 11/12
<b>Inpatient Activity</b>	
Initial IP Encounters	112
<b>Outpatient Activity</b>	
Clinic Visits	4403
US, extremity, nonvascular	794
US Guidance for Needle Placement	119

## CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Gurjit Kaeley, M.D.	A Multicenter, Double-Blind, Randomized, Parallel-Arm Study to Determine the Effect of Methotrexate Dose on Clinical Outcome and Ultrasonographic Signs in Subjects with Moderately to Severely Active Rheumatoid Arthritis Treated with Adalimumab	2010-present	Abbott Laboratories	\$209,008
Gurjit Kaeley, M.D.	A Double-Blind, Randomized, Parallel-Arm, Multicenter Study to Determine the Dose Response of Methotrexate (MTX) in Combination Therapy with Adalimumab in Subjects with Early Rheumatoid Arthritis	2011-present	Abbott Laboratories	\$120,200
Gurjit Kaeley, M.D.	A Phase 3B, Open-Label, Multicenter, Exploratory Study to Assess Changes in Joint Inflammation Using Ultrasonography in Subjects with Rheumatoid Arthritis for 12 Weeks with Certolizumab Pegol (Cimzia)	2011-1/2012	UCB Biosciences	\$140,860
Ghaith Mitri, M.D.	A Randomised, Double-blind, Placebo-controlled, Multicentre, Prospective Dose-finding Phase II/III study with Atacept given Subcutaneously to Subjects Having Recently Experienced a flare of Systemic lupus erythematosus	9/2009-present	EMD Serono	\$110,513

Ghaith Mitri, M.D.	A Two-Stage Prospective Observational Cohort Study in Scleroderma Patients to Evaluate Screening Tests and the Incidence of Pulmonary Arterial Hypertension and Pulmonary Hypertension	9/2009-11/2011	Actelion Pharmaceuticals	\$121,830
Ghaith Mitri, M.D.	A Randomized, Head-to-Head, Single-Blind Study to Compare the Efficacy and Safety of Subcutaneous Abatacept versus Subcutaneous Adalimumab, Both with Background Methotrexate, in Biologic-Naive Subjects with Rheumatoid Arthritis	6/2010-present	Bristol Myers Squibb	\$152,368



## Notes



