



ANNUAL REPORT

DEPARTMENT OF MEDICINE

ACADEMIC YEAR
2012-2013

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STATEMENT FROM THE CHAIRMAN
ACADEMIC YEAR 2013 (7/12 - 6/13)

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 2012 through June 2013. 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 \$691,528. The clinical excellence of the faculty, coupled with continued improvements in clinical operations, lead to improvement in patient satisfaction scores in several of our clinical units.

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 three year rolling average for Board pass rate in the core program is now 92%, significantly higher than the national average of 85%. The Department hosted 185 students from University of Florida. Of these 123 were MS3 and 30 were MS4 from the College of Medicine and 32 were physician assistant students. 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 114 peer reviewed publications and 13 book chapters and 16 monographs authored by faculty members. Faculty made 128 national and regional presentations. During the academic year 2013, there were 49 research studies with extramural funding.

Overall the Department has excelled in every aspect of the academic mission. I am proud to have the privilege of being the Chairman of such an exceptionally productive Department.

Sincerely,

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

DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2013 (7/12 - 7/13)

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

Carlos Palacio, M.D., M.P.H.
Associate Program Director, Internal Medicine Residency and Director, Medical Student Clerkship

Nilmarie Guzman, M.D.
Associate Program Director, Internal Medicine Residency

Cristian Landa, M.D.
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. & T.M.
Nephrology and Hypertension	Charles Heilig, M.D.
Pulmonary, Critical Care and Sleep Medicine	Abubakr Bajwa, M.D.
Rheumatology and Clinical Immunology	Gurjit Kaeley, M.D.

RESIDENTS/FELLOWS

Chief Residents

Emily Christman, M.D.
Ryan Wilson, M.D.

Housestaff I

Tracy Ashby, D.O.
Amit Babbar, M.D.
James Banks, M.D.
Sharica Brookins, M.D.
Bilkisu Gaye, M.D.
Saif Ibrahim, M.D.
Constance Katsafanas, D.O.
Haley Letter, M.D.
Robert Mannel, M.D.
Kaitlyn McCurdy, M.D.
Vinay Minocha, M.D.
Bashar Mourad, D.O.
Jesse Onyenekwe, M.D.
Kavita Pal, M.D.
Dhruv Panchal, M.D.
Dhruvkumar Patel, M.D.
Virin Ramoutar, M.D.
Khurram Tariq, M.D.
Sam Thomas, M.D.

Housestaff II

Ahmad Alkaddour, M.D.
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.
Avinash Ramdass, M.D.
Wesley Thompson, D.O.
Jean Touchan, M.D.
Kasey Treger, D.O.

Housestaff III

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.
Sumit Narula, M.D.
Laurie Ramrattan, M.D.
Tanya Reimschissel, D.O.
Marwan Shaikh, M.D.
Estela Thanu, D.O.

Medical School

Georgetown University School of Medicine
Ross University School of Medicine

Medical School

Debusk College of Osteopathic Medicine
St. George's University School of Medicine
University of Cincinnati College of Medicine
Meharry Medical College
Ross University School of Medicine
Al-Nahrain University College of Medicine
Nova Southeastern College of Osteopathic Medicine
University of Florida College of Medicine
University of Sint Eustatius School of Medicine
Ross University School of Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
Lake Erie College of Osteopathic Medicine
Ross University School of Medicine
Ross University School of Medicine
Ross University School of Medicine
Ross University School of Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
St. George's University School of Medicine
St. George's University School of Medicine

Medical School

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

Medical School

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

Subspecialty Fellowship Programs

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

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

Subspecialty Fellow – Housestaff IV

Ramandeep Bambrah, M.D. - Oncology
 Charles Bennin, M.D. - Cardiology
 Zaid Brifkani, M.D. - Nephrology
 Linda Engwenyu, M.D. - Cardiology
 Jacinta Green, M.D. - Cardiology
 Sujai Jalaj, M.D. - Gastroenterology
 Priyanka Jalandhara, M.D. - Rheumatology
 Wassim Jawad, M.D. - Cardiology
 Ann Lee, M.D. - Gastroenterology
 Salma Makhoul-Ahwach, M.D. - Endocrinology
 Vinoo Ramsaran, M.D. – Pulmonary Critical Care
 Hasan Riaz, M.D. - Nephrology
 Amita Singh, M.D. – Pulmonary Critical Care
 Kamaldeep Singh, D.O. - Cardiology
 Melanie Thomas, M.D. - Endocrinology
 Shobha Vootukuri, M.D. – Infectious Disease
 Louise Zhou, M.D. - Oncology

Medical School

Ross University School of Medicine
 UMDNJ-New Jersey Medical School
 Ross University School of Medicine
 Brown University School of Medicine
 Rosalind Franklin University Chicago Medical School
 SUNY at Downstate - Brooklyn College of Medicine
 Pandit Deendayal Upadhyay Medical College
 St. George's University School of Medicine
 Ross University School of Medicine
 Lebanese University Faculty of Medicine
 University of the West Indies School of Medicine, Trinidad & Tobago
 Nishtar Medical College
 M.P. Shah Medical College
 Nova Southeastern College of Osteopathic Medicine
 Florida State University College of Medicine
 JJM Medical College
 Ross University School of Medicine

Subspecialty Fellow – Housestaff V

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 K. 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

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 Faculty of Medicine
 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

Subspecialty Fellow – Housestaff VI

Michael Babcock, M.D. – Cardiology
 Lacie Brenner, M.D. – Gastroenterology
 Melvin Bullock, M.D. – Gastroenterology
 Andrew Darlington, D.O. – Cardiology
 Rachel Lee, M.D. – Cardiology
 Jasdip Matharu, M.D. – Pulmonary Critical Care
 Ambar Patel, M.D. – Cardiology
 Harendra Patel, M.D. – Cardiology
 Tauseef Qureshi, M.D. – Pulmonary Critical Care
 Vandana Seeram, M.D. – Pulmonary Critical Care

Medical School

Wake Forest University School of Medicine
 Medical College of Georgia
 Medical College of Georgia
 Philadelphia College of Osteopathic Medicine
 University of Hawaii John A Burns School of Medicine
 St. George's University School of Medicine
 University of Florida College of Medicine
 University of Alabama School of Medicine
 St. George's University School of Medicine
 University of the West Indies School of Medicine, Trinidad & Tobago

Subspecialty Fellow – Housestaff VII

Stephen Chen, D.O. – Interventional Cardiology

Morhaf Ibrahim, M.D. - Cardiac Electrophysiology

Gabriel Mufuka, M.D. - Cardiac Electrophysiology

Siva Suryadevara, M.D. – Interventional Cardiology

Medical School

Kansas City University of Medicine and Biosciences - College of Osteopathic Medicine

University of Damascus Faculty of Medicine

Medical University of South Carolina College of Medicine

University of the West Indies School of Medicine, Trinidad & Tobago

GRADUATE MEDICAL EDUCATION
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

The Internal Medicine Residency Program continued to grow and build upon its strong foundation during the 2013 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 93%, significantly higher than the national average of 85%. 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 first full year with our new associate program director, Nilmarie Guzman replacing Christina Bailey, who went to private group practice. As with previous years, the incoming intern class for 2012-13 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, marking another impressive year in terms of USMLE scores. The graduating class of 2012 was successful in the fellowship match. Ten of our 14 graduates for this class have gone on to fellowships. Others have gone on to traditional medicine practices, hospital medicine, and one joined us as academic faculty. This was the first year in which the fellowship match schedule was moved back to the fall of the PGY 3 year. Therefore we know the results of the 2013 graduating class as well for this report. Seven residents from this class will go on to subspecialty training. Our chief residents, Drs. Christman and Wilson were successful in matching into their fellowships of choice, gastroenterology at the University of Oklahoma and cardiology at the University of Kentucky, respectively. The core program carried on its long tradition of having strong Chief Resident leadership. Drs. Christman and Wilson, both provided excellent leadership and teaching throughout the year. They were tireless workers and served as great mentors for our young trainees. The program was excited to have a new leader in the GME office this year. Dr. Nilmarie Guzman, a long time Key Clinical Faculty member, was promoted to the position of Associate Program Director. Dr. Guzman already has considerable experience in the ACGME, serving as Assistant Program Director for the Infectious Disease Fellowship and Core Faculty for the IM Residency. She has been a resident mentor for several years, participated in site visits and internal reviews, given countless conferences to our trainees, and worked on several clinical teaching services. Her appointment to the position of Associate Program Director was a natural advancement and the program is already reaping the benefits of her leadership.

The Department of Medicine was granted an impressive 14 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. About 37% of platform and poster presentations of fellows and residents were made by the members of the Department. Of the platform presentations cardiology fellow Andrew Darlington was the first place prize winner and second year resident Garry McCulloch received the 5th place prize. Among the poster presentations GI fellow Camille McGaw was the second place prize winner and residents Estela Thano and Sumit Narula received the fourth and fifth place prizes respectively. The resident house staff have been active in regional and national meetings as well. Residents presented at several venues, including 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, the Global Health and Humanitarian Summit , and the Annual Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care and the American College of Gastroenterology Annual Meeting. Resident research accounted for 1 research grant, 5 published manuscripts, 9 published abstracts and 35 poster/oral 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, the Global Health and Humanitarian Summit , and the Annual Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care and the American College of Gastroenterology Annual Meeting. Resident research accounted for 1 research grant, 5 published manuscripts, 9 published abstracts and 35 poster/oral presentations.

Subspecialty Fellowship Programs: This past academic year marks the first year that all 10 fellowships were up to full complement. Rheumatology underwent their first site visit during the spring of this academic year. All fellowship training programs have had stable, strong directors and therefore have not had any major turnover in GME leadership. As with prior reports, individual acknowledgement of each fellowships' accomplishments will be noted in each divisions' report.

Student Education: There were changes in the clerkship director leadership for this past academic year. Dr. Alexandraki left the program for other pursuits; however her successor has done an admirable job filling her shoes. Dr. Cristian Landa, from the graduating class of 2012, joined the division of internal medicine as a new teaching faculty. His enthusiasm toward teaching made him a natural fit to lead the clerkship experience. With Dr. Palacio as Clerkship Director and Dr. Landa as Associate Clerkship Director the medical student experience has flourished and continues to be one of the most well received training experiences. Students continue to have rotations in inpatient and ambulatory settings, as well as some subspecialty experiences. 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



Jeff House, D.O., Associate 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 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



Nilmarie Guzman, M.D., Assistant Professor and Associate Program Director

Medical School / Graduation date	Ponce School of Medicine	1996
Internship/residency and year	Damas Hospital	1999
Subspecialty training and year	Infectious Diseases/University of Florida Jacksonville	2006

**Cristian O. Landa, M.D., Assistant Professor and Student Clerkship Associate Director**

Medical School / Graduation date	Ross University School of Medicine	2009
Internship/residency and year	University of Florida Jacksonville	2012

**Emily M. Christman, M.D., Post-doctoral Associate and Chief Medical Resident**

Medical School / Graduation date	Georgetown University School of Medicine	2004
Internship/residency and year	University of Florida Jacksonville	2012
Chief Medical Resident	University of Florida Jacksonville	2013

**Ryan E. Wilson, M.D., Post-doctoral Associate and Chief Medical Resident**

Medical School / Graduation date	Ross University School of Medicine	2009
Internship/residency and year	University of Florida Jacksonville	2012
Chief Medical Resident	University of Florida Jacksonville	2013

PUBLICATIONS

Published manuscripts:

Emani M, Zaiden R. Aseptic meningitis: a rare side effect of cetuximab therapy. J Oncol Pharm Pract. 2013 Jun; 19 (2):178-80.

Mesliniene S, Ramrattan L, Giddings S, Sheikh-Ali M. Role of vitamin D in the onset, progression, and severity of multiple sclerosis. Endocr Pract. 2013 Jan-Feb;19(1):129-36.

Landa C, Giddings S, Reddy P. Chest pain? An unusual presentation of vertebral osteomyelitis. Case Rep Med. 2013;2013:416498. Epub 2013 Feb 11.

Maharaj J, Haas M, Wehmeier K. Primary hyperparathyroidism and vitamin d in African Americans. Endocr Pract. 2012 Nov-Dec;18(6):947-53.

Naem E, Alcalde R, Gladysz M, Mesliniene S, Jaimungal S, Sheikh-Ali M, Haas MJ, Wong NC, Mooradian AD. Inhibition of apolipoprotein A-I gene by the aryl hydrocarbon receptor: a potential mechanism for smoking-associated hypoalphalipoproteinemia. Life Sci. 2012 Jul 26;91(1-2):64-9

Published abstracts:

Thompson W, Latif N, Rahberg R. Why African Americans are more predisposed to pancreatic cancer: nature versus nurture. J Clin Oncol 31, 2013 (suppl; abstr e15018).

Rollini F, Tello-Montoliu A, Patel R, Darlington A, Wilson R, Muniz-Lozano A, Franchi F, Desai B, Bender N, Sakariassen K, Angiolillo D. Pharmacodynamic effects of ev-077 in patients with diabetes mellitus on clopidogrel monotherapy: results of an in vitro pilot investigation. J Am Coll Cardiol. 2013 Mar 12. Vol 61, no 10 sup a, pg A454

Wilson R, Kado H, Strom J, Box L. Retrospective validation of an algorithm for field identification of ST elevation myocardial infarction patients by emergency medicine services using a STEMI alert clinical tool. Circ Cardiovasc Qual Outcomes. 2012;5:A67

Kado H, Wilson R, Strom J, Box L. Retrospective validation of pre-hospital electrocardiogram with Zoll E -Series monitoring system for field identification of ST elevation myocardial infarction patients. Circ Cardiovasc Qual Outcomes. 2012;5:A37

Ramlal R. A fatal case of dress syndrome. J Invest Med. 2012;60(78):332

Maharaj J, Jaimungal S, Wehmeier K, Mooradian A, Haas M. Non-genomic signaling by 24, 25-hydroxyvitamin D3 in hepg2 cells. J Invest Med. 2012;60(134):348

Landa C. Asymmetric arthritis in a patient with hidradenitis suppurativa. J Invest Med. 2012;60(16):348

Jafri SH. Inhibition of endoplasmic reticulum stress by vitamin d in endothelial cells. J Invest Med. 2012;60(450):435

Jafri SH. Thyrotoxic periodic paralysis in an African American male. J Invest Med. 2012;60(10):314

Presentations

McCulloch G. Can coronary artery calcium scoring in non-gated chest computed tomography be used to rule out ischemia on myocardial perfusion imaging? Oral presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013. Fifth place winner.

Alkaddour A. An unusual case of cirrhosis. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Aurelius C. AIDS cholangiopathy: a rare disease with an even rarer infection. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Bellardini J. Use of pulmonary arterial hypertension (PAH) specific therapy in pulmonary hypertension (PH) secondary to obstructive sleep apnea. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Brown II R. Chronic Intermediate uveitis: the initial diagnosis in a neurosyphilis patient. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Clark M. Diagnostic yield and safety of endoscopic ultrasound guided fine needle aspiration for solid and cystic pancreatic lesions: a single center's experience. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Clark M. Percutaneous endoscopic cecostomy (PEC) tube placement: a case series. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Emani M. Aseptic meningitis: a rare side effect of cetuximab. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Gaye B. Sarcoidosis of the gi tract – a rare presentation of sarcoidosis. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Giddings S. Rapidly reversible cardiomyopathy. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Joseph A. A rare case of invasive fungal sinusitis only seven cases reported since 1983. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Khan A. Institution of a sustainable chart review process at an internal medicine residency program. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Khan A. An AIDS patient with left wrist drop. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Maharaj J. CMV encephalitis 0 an uncommon presentation. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

McCulloch G. Acute apical ballooning syndrome presenting in the context of an underlying case of hypertrophic cardiomyopathy. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Minocha V. Diffuse large b-cell lymphoma of the lung in a 63-year old man with left flank pain (a case report and literature review). Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Narula S. Subcutaneous versus intravenous erythropoietin for long-term dialysis patients. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013. Fifth place winner.

Ramdass A. An unusual case of postpartum dyspnea. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Ramoutar V. Acute kidney injury and prolonged polyuria in a case of salmonella bacteremia secondary to gastroenteritis. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Ramrattan L. Ultrasound characteristics of metacarpophalangeal extensor tendons in rheumatoid arthritis. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Shaikh M. Renal castleman disease. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Thano E. Functional implications of aspirin dosing on platelet P2Y12 receptor mediated signaling. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013. Fourth place winner.

Thompson W. Why African Americans are more predisposed to pancreatic cancer: nature versus nurture. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 16, 2013.

Banks J. Global HEED: innovating solutions to the challenges of poverty. Poster presentation at: Global Health and Humanitarian Summit; Emory University Atlanta, GA. April 12-14, 2013.

Brookins S. Mixed Connective Tissue Disease, Rheumatoid Arthritis & Severe Mixed-type Autoimmune Hemolytic Anemia responding to Prednisone. Poster presentation at: Florida Chapter American College of Physicians, Orlando, FL. March 2013.

Thompson W. Nephrolithiasis-induced euglycemic diabetic ketoacidosis. Poster presentation at: Florida Chapter American College of Physicians, Orlando, FL. March 2013.

Ning K. Role of surgical resection in solitary adrenal gland metastases from Small Cell Lung Cancer may potentially increase survival – A case report. Oral presentation at: Florida Chapter American College of Physicians, Orlando, FL. March 2013.

Khan A. Institution of a sustainable chart review system at an Internal Medicine residency program. Oral presentation at: Florida Chapter American College of Physicians, Orlando, FL. March 2013.

Hew J. Secondary cutaneous Diffuse Large B cell lymphoma initially described as a T cell histiocyte rich B cell lymphoma. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2013.

Maraj P. Coccidioides meningitis in an immunocompetent man in Northeast Florida. Oral presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2013.

Gaye B. Rapidly reversible cardiomyopathy. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2013.

Touchan J. First case of hafia alvei urosepsis in the United States. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2013.

Banks J. University of Cincinnati open school chapter: self-management clinic improves community health. Poster presentation at: 24th Annual Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care; Orlando, FL. December 2012.

Christman E. Gastrogastric intussusception – an uncommon cause for abdominal pain. Poster presentation at: American College of Gastroenterology Annual Meeting; Las Vegas, NV. October 2012.

Maraj P. An unusual case of dysphagia. Poster presentation at: Florida Chapter American College of Physicians, Palm Beach Gardens, FL. September 2012.

HONORS AND AWARDS

Amit Babbar, MD	Intern of the Year
Vishal Jaikaransingh, MD	Resident of the Year
Cristian Landa, MD	Teacher of the Year
Saif Ibrahim, MD	Best Conference Attendance
Laurie Ramrattan, MD	Procedure Completion
Ke Ning, MD	ACP Resident of the Year

Jean Touchan, MD; Paul Maraj, MD and Kaitlin McCurdy, MD competed for the American College of Physicians, Florida Chapter - Doctor's Dilemma™ State Team.

Abubakr Bajwa, MD; Dave Cury, MD; Linda Edwards, MD; Jeff House, DO; Leighton James, MD; Gurjit Kaeley, MD; Naeem Latif, MD; Alan Miller, MD; Dat Pham, MD; Fauzia Rana, MD; Pramod Reddy, MD; Michael Sands, MD; Adil Shujaat, MD and Robert Zaiden, MD have been awarded the faculty UF College of Medicine Exemplary Teachers Award.

Vishal Jaikaransingh, MD has been awarded the resident UF College of Medicine Exemplary Teachers Award.

Jeff House, DO is the recipient of the UF Gainesville Department of Medicine Honors Award for Excellence in Teaching Medical Students and the Louis S. Russo Award for Outstanding Professionalism in Medicine Award.

Cristian Landa, MD was the recipient of the UF College of Medicine Excellence in Student Education Award.

Ronald Brown II, MD 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

CONTRACTS AND GRANTS

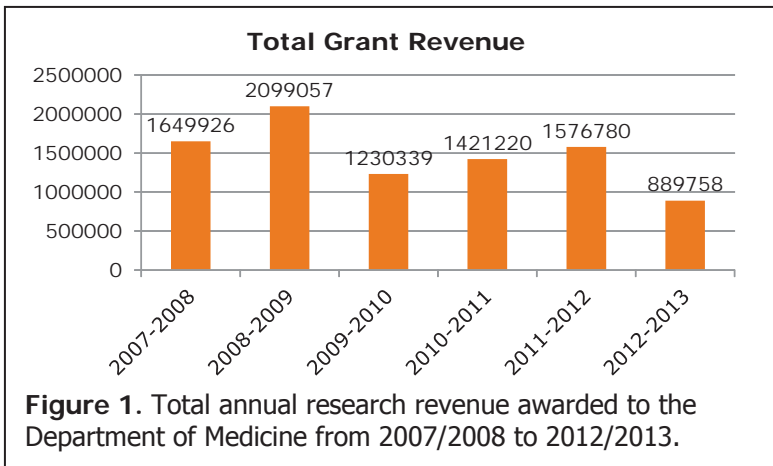
Principal Investigator	Study Title	Project Period	Sponsor
Thano, E	Functional implications of aspirin dosing on platelet P2Y12 receptor mediated signaling	2013	University of Florida College of Medicine - Jacksonville

CLASS OF 2013 DESTINATIONS

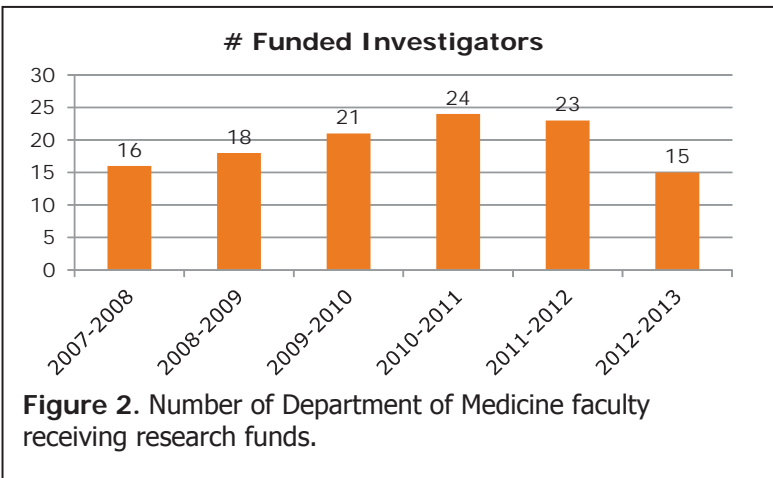
	Professional status	Location
Chief Medical Residents		
Emily Christman, MD	Gastroenterology Fellowship	University of Oklahoma
Ryan Wilson, MD	Cardiology Fellowship	University of Kentucky
Preliminary Residents		
James Banks, MD	Radiology Residency	University of Miami
Constance Katsafanas, DO	Neurology Residency	University of Florida Jacksonville
Haley Letter, MD	Radiology Residency	Florida Hospital - Orlando
Robert Mannel, MD	Neurology Residency	University of Florida Jacksonville
Dhruvkumar Patel, MD	Radiology Residency	Memorial Univ., Savannah, GA
Categorical Residents		
Candice Aurelus, MD	Hospital Medicine	Miami, FL
Ronald Brown II, MD	Chief Medical Resident	University of Florida Jacksonville
Matthew Clark, MD	Chief Medical Resident	University of Florida Jacksonville
Madhu Emani, MD	Medical Oncology Fellowship	University of Florida Jacksonville
Stanley Giddings, MD	Infectious Disease Fellowship	University of Utah
Vishal Jaikaransingh, MD	Nephrology Fellowship	University of Texas - Southwest
Priyanka Kapoor, MD	Hospital Medicine	Jacksonville, FL
Jaisri Maharaj, MD	Endocrinology Fellowship	University of Utah
Sumit Narula, MD	Nephrology Fellowship	University of Kentucky
Laurie Ramrattan, MD	Rheumatology Fellowship	University of Florida Jacksonville
Tanya Reimschuessel, DO	IM Faculty	University of Florida Jacksonville
Marwan Shaikh, MD	Hospital Medicine	Jacksonville, FL
Estela Thanou, DO	Cardiology Fellowship	University of Florida Jacksonville

DEPARTMENT RESEARCH
ACADEMIC YEAR 2013 (7/12 - 6/13)

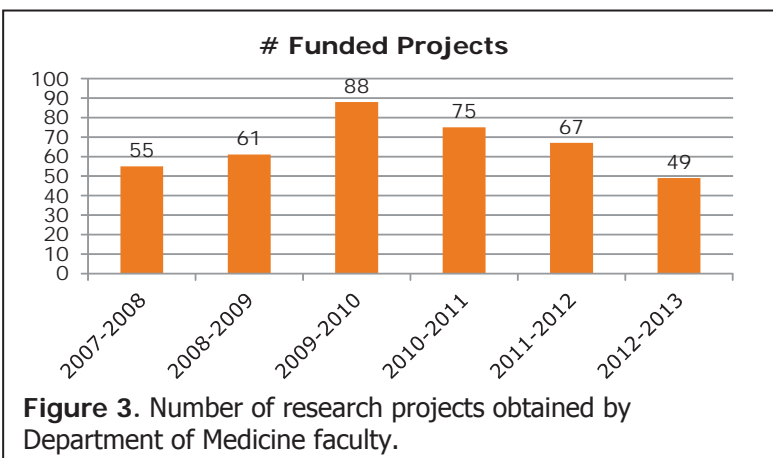
The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida Jacksonville's mission. Trends in external funding for the past five years are shown in **Figure 1**. External funding from federal, state, industry and



foundation sources decreased 43.6% this fiscal year compared to last. This correlated with a significant decrease in the number of funded investigators (from 23 investigators last fiscal year to 15 investigators this fiscal year) (**Figure 2**) and a decrease in the number funded projects (from 67 projects last fiscal year to 49 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 also the recipient of the 2012 Robert C. Nuss Researcher/Scholar award. **Cristian Landa, M.D.** (General Internal Medicine) is investigating the potential protective effect of vitamin D on hepatitis C virus infection in hepatocytes. **Leighton James, M.D.** (Nephrology and Hypertension) is examining the roles of various growth factors in diabetic kidney disease.



Residents and sub-specialty fellows in the Department of Medicine have many opportunities 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 carryout research projects

under the mentorship of faculty. This has increased the scholarly output of our trainees. At research day, over 37% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. **Andrew Darlington, M.D.** and **Garry McCulloch, M.D.** placed first and fifth place, respectively, in the oral platform competition. **Camille McGaw, M.D.** won the second place prize for her poster presentation. **Estela Thano, M.D.** and **Sumit Narula, M.D.** 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.** has also worked with interns from the **Florida State College of Jacksonville Biotechnology** program and received a HealthCare Hero Award in Research from the Jacksonville Business Journal.

DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

Clinical program development remained robust including:

- Restructuring of the Lakeshore Practice and HMA partnership
- 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
- Continued growth of high risk coronary intervention services using left ventricular assist device
- Met or surpassed preset hospital productivity targets

Patient Care:

Cardiology Goals for 2013 are as follows:

- Lake Shore Partnership phase 2
- Valve Program: enhancing services and meeting needs of surgical program
- Bring TAVR program on board
- Continue to build Emerson program
- Increase physician research productivity in sections currently less active
- Continue the support and growth of the Women's program
- Dr. Ted Bass will continue to Chair ABIM Interventional Board writing committee. He has also assumed Presidency of our national organization Society of Cardiovascular Angiography and Intervention.

Education: Cardiovascular faculty have received one exemplary teaching award. 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 and 1st and 5th place finish on the oral presentations on Research Day. Our post doc research fellows have also received this recognition.

During this past year, the Cardiology fellows have updated and revised a teaching curriculum for the medical residents, physician assistant students, and Emergency Medicine residents when they rotate through the CCU. The readings and presentations are reviewed with the trainees and afterwards they are administered a pre-test and post-test after the completion of their rotation. The prior curriculum resulted in 10-15 point increase their scores on the post-test as compared to the pre-test.

Research: Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have over 40 active clinical trials, many of which are locally investigator initiated. We have published over 40 peer-reviewed manuscripts, over 40 abstracts and presentations at local, national and international meetings and five 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



Dominick Angiolillo, M.D. Ph.D., Associate Professor

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	

**Theodore Bass, M.D., Professor and Division Chief**

Medical School / Graduation date	Brown University	1976
Internship/residency and year	Mayo Clinic	1979
Subspecialty training and year	Boston University	1981

**Lyndon Box, M.D., Assistant Professor**

Medical School / Graduation date	University of Mississippi – Birmingham, Alabama	2001
Internship/residency and year	Carraway Methodist Medical Center/Oregon Health Sciences University	2002 2004
Subspecialty training and year	University of Florida – Jacksonville, Florida	2008

**Douglas Chapman, M.D., Associate Professor**

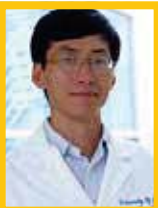
Medical School / Graduation date	Chicago Medical School	1984
Internship/residency and year	University of Missouri	1987
Subspecialty training and year	Michael Reese Hospital	1990

**Sunita Dodani, M.D., M.S., Ph.D., Associate Professor**

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

**Luis Guzman, M.D., Associate Professor**

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:

Firstenberg MS, Dyke CM, **Angiolillo DJ**, Ramaiahm C, Price M, Brtko M, Welsby I, Chandna H, Holmes DR, Voeltz M, Tummala P, Hutyra M, Manoukian SV, Prats J, Todd M, Liu T, Chronos N, Dietrich M, Montalescot G, Cannon LA, Topo EJ. Safety and efficacy of cangrelor, an intravenous, short-acting platelet inhibitor in patients requiring coronary artery bypass surgery. *Heart Surg Forum*. 2013 Apr 1;16(2):E60-9. doi: 10.1532/HSF98.20121103. PubMed PMID: 23625478.

Ferreiro JL, Homs S, Berdejo J, Roura G, Gomez-Lara J, Romaguera R, Teruel L, Sánchez-Elvira G, Marcano AL, Gómez-Hospital JA, **Angiolillo DJ**, Cequier A. Clopidogrel pretreatment in primary percutaneous coronary intervention:

Prevalence of high on-treatment platelet reactivity and impact on preprocedural patency of the infarct-related artery. *Thromb Haemost*. 2013 Apr 25;110(1). [Epub ahead of print] PubMed PMID: 23615769.

Angiolillo DJ, Ferreiro JL. Antiplatelet and Anticoagulant Therapy for Atherothrombotic Disease: The Role of Current and Emerging Agents. *Am J Cardiovasc Drugs*. 2013 Apr 24. [Epub ahead of print] PubMed PMID: 23613159.

Gurbel PA, Bliden KP, Logan DK, Kereiakes DJ, Lasseter KC, White A, **Angiolillo DJ**, Nolin TD, Maa JF, Bailey WL, Jakubowski JA, Ojeh CK, Jeong YH, Tantry US, Baker BA. The Influence of Smoking Status on the Pharmacokinetics and Pharmacodynamics of Clopidogrel and Prasugrel: The PARADOX Study. *J Am Coll Cardiol*. 2013 Apr 16. doi:pii: S0735-1097(13)01478-2. 10.1016/j.jacc.2013.03.037. [Epub ahead of print] PubMed PMID: 23602770.

Rossini R, Capodanno D, Lettieri C, Musumeci G, Limbruno U, Molfese M, Spatari V, Calabria P, Romano M, Tarantini G, Gavazzi A, **Angiolillo DJ**. Long-Term Outcomes of Patients With Acute Coronary Syndrome and Nonobstructive Coronary Artery Disease. *Am J Cardiol*. 2013 Apr 18. doi:pii: S0002-9149(13)00802-3. 10.1016/j.amjcard.2013.03.006. [Epub ahead of print] PubMed PMID: 23602693.

Jiménez-Quevedo P, Hernando L, Gómez-Hospital JA, Iñiguez A, Sanroman A, Alfonso F, Hernández-Antolín R, **Angiolillo DJ**, Bañuelos C, Escaned J, Gonzalo N, Fernández C, Macaya C, Sabaté M. Sirolimus-eluting stent versus bare metal stent in diabetic patients: the final five-year follow-up of the DIABETES trial. *EuroIntervention*. 2013 Mar 22. doi:pii: 20120620-01. [Epub ahead of print] PubMed PMID: 23518240.

Alfonso F, **Angiolillo DJ**. Targeting P-Selectin During Coronary Interventions: The Elusive Link Between Inflammation and Platelets to Prevent Myocardial Damage. *J Am Coll Cardiol*. 2013 Mar 7. doi:pii: S0735-1097(13)00929-7. 10.1016/j.jacc.2013.03.004. [Epub ahead of print] PubMed PMID: 23500231.

Bhatt DL, Stone GW, Mahaffey KW, Gibson CM, Steg PG, Hamm CW, Price MJ, Leonardi S, Gallup D, Bramucci E, Radke PW, Widimský P, Tousek F, Tauth J, Spriggs D, McLaurin BT, **Angiolillo DJ**, Généreux P, Liu T, Prats J, Todd M, Skerjanec S, White HD, Harrington RA; CHAMPION PHOENIX Investigators. Effect of platelet inhibition with cangrelor during PCI on ischemic events. *N Engl J Med*. 2013 Apr 4;368(14):1303-13. doi: 10.1056/NEJMoa1300815. Epub 2013 Mar 10. PubMed PMID: 3473369.

Ferreiro JL, Ueno M, Tello-Montoliu A, Tomasello SD, Seecheran N, Desai B, Rollini F, **Guzman LA, Bass TA, Angiolillo DJ**. Impact of prasugrel reload dosing regimens on high on-treatment platelet reactivity rates in patients on maintenance prasugrel therapy. *JACC Cardiovasc Interv*. 2013 Feb;6(2):182-4. doi: 10.1016/j.jcin.2012.10.007. PubMed PMID: 23428011.

Leoncini M, Toso A, Maioli M, **Angiolillo DJ**, Giusti B, Marcucci R, Abbate R, Bellandi F. High-dose atorvastatin on the pharmacodynamic effects of double-dose clopidogrel in patients undergoing percutaneous coronary interventions: The ACHIDO (Atorvastatin and Clopidogrel HIgh DOse in stable patients with residual high platelet activity) study. *JACC Cardiovasc Interv*. 2013 Feb;6(2):169-79. doi: 10.1016/j.jcin.2012.09.013. PubMed PMID: 23428009.

Angiolillo DJ, Rollini F. Switching from prasugrel to clopidogrel: navigating in unknown waters. *JACC Cardiovasc Interv*. 2013 Feb;6(2):166-8. doi: 10.1016/j.jcin.2012.12.001. PubMed PMID: 23428008.

Rollini F, Franchi F, Muñoz-Lozano A, **Angiolillo DJ**. Platelet function profiles in patients with diabetes mellitus. *J Cardiovasc Transl Res*. 2013 Jun;6(3):329-45. doi: 10.1007/s12265-013-9449-0. Epub 2013 Feb 13. PubMed PMID: 23404189.

Kohli P, Wallentin L, Reyes E, Horrow J, Husted S, **Angiolillo DJ**, Ardissino D, Maurer G, Morais J, Nicolau JC, Oto A, Storey RF, James SK, Cannon CP. Reduction in first and recurrent cardiovascular events with ticagrelor compared with clopidogrel in the PLATO Study. *Circulation*. 2013 Feb 12;127(6):673-80. doi: 10.1161/CIRCULATIONAHA.112.124248. Epub 2012 Dec 31. PubMed PMID: 23277305.

Zhu HJ, Wang X, Gawronski BE, Brinda BJ, **Angiolillo DJ**, Markowitz JS. Carboxylesterase 1 as a determinant of clopidogrel metabolism and activation. *J Pharmacol Exp Ther*. 2013 Mar;344(3):665-72. doi: 10.1124/jpet.112.201640. Epub 2012 Dec 28. PubMed PMID: 23275066.

Saucedo JF, **Angiolillo DJ**, DeRaad R, Frelinger AL 3rd, Gurbel PA, Costigan TM, Jakubowski JA, Ojeh CK, Duvvuru S, Effron MB; SWAP Investigators. Decrease in high on-treatment platelet reactivity (HPR) prevalence on switching from clopidogrel to prasugrel: insights from the switching anti-platelet (SWAP) study. *Thromb Haemost*. 2013 Feb;109(2):347-55. doi: 10.1160/TH12-06-0378. Epub 2012 Dec 6. PubMed PMID: 23223867.

Boden WE, Lansky A, **Angiolillo DJ**. Refining the role of antiplatelet therapy in medically managed patients with acute coronary syndrome. *Am J Cardiol*. 2013 Feb 1;111(3):439-44. doi: 10.1016/j.amjcard.2012.10.018. Epub 2012 Nov 17. Review. PubMed PMID: 23168289.

Ferreiro JL, Ueno M, Tello-Montoliu A, Tomasello SD, Capodanno D, Capranzano P, Dharmashankar K, Darlington A, Desai B, Rollini F, **Guzman LA, Bass TA, Angiolillo DJ**. Effects of cangrelor in coronary artery disease patients with and without diabetes mellitus: an in vitro pharmacodynamic investigation. *J Thromb Thrombolysis*. 2013 Feb;35(2):155-64. doi: 10.1007/s11239-012-0846-z. PubMed PMID: 23184484.

Tello-Montoliu A, Ferreiro JL, Kodali MK, Ueno M, Tomasello SD, Rollini F, Capodanno D, Darlington A, Patel R, Desai B, **Guzman LA, Bass TA, Angiolillo DJ**. Impact of renal function on clopidogrel-induced antiplatelet effects in coronary artery disease patients without diabetes mellitus. *J Thromb Thrombolysis*. 2012 Nov 11. [Epub ahead of print] PubMed PMID: 23143668.

Tello-Montoliu A, Seecheran NA, **Angiolillo DJ**. Successful pregnancy and delivery on prasugrel treatment: considerations for the use of dual antiplatelet therapy during pregnancy in clinical practice. *J Thromb Thrombolysis*. 2012 Nov 10. [Epub ahead of print] PubMed PMID: 23143651.

Vivas D, García-Rubira JC, Bernardo E, **Angiolillo DJ**, Martín P, Calle-Pascual A, Núñez-Gil I, Macaya C, Fernández-Ortiz A. Influence of HbA1c levels on platelet function profiles associated with tight glycemic control in patients presenting with hyperglycemia and an acute coronary syndrome. A subanalysis of the CHIPS Study ("Control de HIperglucemia y Actividad Plaquetaria en Pacientes con Síndrome Coronario Agudo"). *J Thromb Thrombolysis*. 2013 Feb;35(2):165-74. doi: 10.1007/s11239-012-0834-3. PubMed PMID: 23114538.

Erlinge D, Ten Berg J, Foley D, **Angiolillo DJ**, Wagner H, Brown PB, Zhou C, Luo J, Jakubowski JA, Moser B, Small DS, Bergmeijer T, James S, Winters KJ. Reduction in platelet reactivity with prasugrel 5 mg in low-body-weight patients is noninferior to prasugrel 10 mg in higher-body-weight patients: results from the FEATHER trial. *J Am Coll Cardiol*. 2012 Nov 13;60(20):2032-40. doi: 10.1016/j.jacc.2012.08.964. Epub 2012 Oct 17. PubMed PMID: 23083774.

Angiolillo DJ. The evolution of antiplatelet therapy in the treatment of acute coronary syndromes: from aspirin to the present day. *Drugs*. 2012 Nov 12;72(16):2087-116. doi: 10.2165/11640880-000000000-00000. Review. PubMed PMID:23083110.

Fuster V, Bhatt DL, Califf RM, Michelson AD, Sabatine MS, **Angiolillo DJ**, Bates ER, Cohen DJ, Collier BS, Furie B, Hulot JS, Mann KG, Mega JL, Musunuru K, O'Donnell CJ, Price MJ, Schneider DJ, Simon DI, Weitz JI, Williams MS, Hoots WK, Rosenberg YD, Hasan AA. Guided antithrombotic therapy: current status and future research direction: report on a National Heart, Lung and Blood Institute working group. *Circulation*. 2012 Sep 25;126(13):1645-62. PubMed PMID: 23008471.

Tello-Montoliu A, Rollini F, Desai B, Pasqualino G, Patel R, Sorensen AS, Sakariassen KS, **Angiolillo DJ**. Pharmacodynamic effects of EV-077: results of an in vitro pilot investigation in healthy volunteers. *J Thromb Thrombolysis*. 2012 Oct;34(3):297-9. PubMed PMID: 22923024.

Tello-Montoliu A, Tomasello SD, **Angiolillo DJ**. Prasugrel. *Adv Cardiol*. 2012;47:39-63. doi: 10.1159/000338044. Epub 2012 Aug 9. Review. PubMed PMID: 22906902.

Rollini F, Tello-Montoliu A, **Angiolillo DJ**. Atopaxar: a review of its mechanism of action and role in patients with coronary artery disease. *Future Cardiol*. 2012 Jul;8(4):503-11. doi: 10.2217/fca.12.35. PubMed PMID: 22871190.

Capodanno D, Bhatt DL, Goto S, O'Donoghue ML, Moliterno DJ, Tamburino C, **Angiolillo DJ**. Safety and efficacy of protease-activated receptor-1 antagonists in patients with coronary artery disease: a meta-analysis of randomized clinical trials. *J Thromb Haemost*. 2012 Oct;10(10):2006-15. doi: 10.1111/j.1538-7836.2012.04869.x. PubMed PMID: 22845871.

Rollini F, Tello-Montoliu A, **Angiolillo DJ**. Advances in platelet function testing assessing bleeding complications in patients with coronary artery disease. *Platelets*. 2012;23(7):537-51. Epub 2012 Jul 19. Review. PubMed PMID: 22812566.

Suryadevara S, Ueno M, Tello-Montoliu A, Ferreiro JL, Desai B, Rollini F, **Box LC, Zenni M, Guzman LA, Bass TA, Angiolillo DJ**. Effects of pioglitazone on platelet P2Y₁₂-mediated signalling in clopidogrel-treated patients with type 2 diabetes mellitus. *Thromb Haemost*. 2012 Nov;108(5):930-6. doi: 10.1160/TH12-06-0397. Epub 2012 Jul 10. PubMed PMID: 22782352.

Rossini R, Bramucci E, Castiglioni B, De Servi S, Lettieri C, Lettino M, Musumeci G, Visconti LO, Piccaluga E, Savonitto S, Trabattoni D, Buffoli F, **Angiolillo DJ**, Bovenzi F, Cremonesi A, Scherillo M, Guagliumi G; Società Italiana di Cardiologia Invasiva (GISE); Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO). [Coronary stenting and surgery: perioperative management of antiplatelet therapy in patients undergoing surgery after coronary stent implantation]. *G Ital Cardiol (Rome)*. 2012 Jul-Aug;13(7-8):528-51. doi: 10.1714/1114.12251. Italian. PubMed PMID: 22781382.

Ferreiro JL, **Angiolillo DJ**. Challenges and perspectives of antiplatelet therapy in patients with diabetes mellitus and coronary artery disease. *Curr Pharm Des*. 2012;18(33):5273-93. Review. PubMed PMID: 22724415.

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 Sep 4;60(10):895-7. doi: 10.1016/j.jacc.2012.02.046. Epub 2012 Jun 7. PubMed PMID: 22682554.

O'Donoghue ML, Bhatt DL, Flather MD, Goto S, **Angiolillo DJ**, Goodman SG, Zeymer U, Aylward PE, Montalescot G, Ziecina R, Kobayashi H, Ren F, Wiviott SD. Atopaxar and its effects on markers of platelet activation and inflammation: results from the LANCELOT CAD program. *J Thromb Thrombolysis*. 2012 Jul;34(1):36-43. doi: 10.1007/s11239-012-0750-6. PubMed PMID: 22653705.

Azmoon S, **Angiolillo DJ**. Switching antiplatelet regimens: alternatives to clopidogrel in patients with acute coronary syndrome undergoing PCI: a review of the literature and practical considerations for the interventional cardiologist. *Catheter Cardiovasc Interv*. 2013 Feb;81(2):232-42. doi: 10.1002/ccd.24480. Epub 2012 Nov 9. PubMed PMID: 22581463.

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 Jul;34(1):44-55. doi: 10.1007/s11239-012-0737-3. PubMed PMID: 22569899.

Capranzano P, Ferreiro JL, Ueno M, Capodanno D, Dharmashankar K, Darlington A, Desai B, Tello-Montoliu A, Rollini F, **Angiolillo DJ**. Pharmacodynamic effects of adjunctive cilostazol therapy in patients with coronary artery disease on dual antiplatelet therapy: impact of high on-treatment platelet reactivity and diabetes mellitus status. *Catheter Cardiovasc Interv*. 2013 Jan 1;81(1):42-9. doi:10.1002/ccd.24416. Epub 2012 Apr 17. PubMed PMID: 22431415.

Dodani S, Songer T, Ahmed Z, Laporte RE. Building research capacity in developing countries: cost-effectiveness of an epidemiology course taught by traditional and video-teleconferencing methods in Pakistan. *Telemed J E Health*. 2012 Oct;18(8):621-8. doi: 10.1089/tmj.2011.0262

O'Connor CM, Fiuzat M, Carson PE, Anand IS, Plehn JH, Gottlieb SS, Silver MA, Lindenfeld J, **Miller AB** et al: Combinatorial pharmacogenic interactions of bucindolol and beta 1, alpha 2c adrenergic receptor polymorphisms. 2012 *PLOS ONE* 7: (10); 1-9

Ware J, Vetrovec G, **Miller, AB** et al: Cardiovascular safety of varenicline: Patient-level meta-analysis of randomized, blinded, placebo controlled trials. 2013 *Amer J Therap* In Press

Baker TA, Romero J, Hegger C, Bach HH IV, **Strom JA**, Gamelli RL, Majetschak M. Effects of exogenous ubiquitin in a polytrauma model with blunt chest trauma. *Crit Care Med*. 2012; 40: 2376-2384.

Forsyth CJ, Pathak EB, **Strom JA**. De facto regionalization of care for ST-elevation myocardial infarction in Florida, 2001-2009. *Am Heart J*. 2012; 164(5): 681-8. doi: 10.1016/j.ahj.2012.06.027. Epub 2012 Oct 16. PMID: 23137498

Babcock MJ, **Guzman L, Lavine S, Strom JA, Bass TA**. Candidates for transcatheter aortic valve replacement (TAVR): Fitting the PARTNERS criteria. *Catheter Cardiovasc Interv*. 2013 Apr 5. doi: 10.1002/ccd.24706. [Epub ahead of print] PMID: 23074160.

Wilson RE, Kado HS, **Percy RF**, Butterfield RC, **Strom JA**, **Box LC**. Assessment of an algorithm for pre-hospital identification of ST-elevation myocardial infarction (STEMI) patients by emergency medicine services (EMS) personnel. *Am J Emer Med*. 2013, <http://dx.doi.org/10.1016/j.ajem.2013.04.013>.

Bass TA. Editor's Perspective: Certification and competency in interventional cardiology: the changing landscape. *Circ Cardiovasc Interv*. 2012 Aug 1;5(4):450-3.

Abstract presentations:

Angiolillo D; Box L; Zenni M; Bass T; Guzman L. Radial Access: Is There An Increased Risk Of Operator Radiation Exposure During A Right Versus Left Radial Approach? Herman Kado; Ambar Patel; Siva Suryadevara; *J Am Coll Cardiol*. October 23, 2012,60(17_S): doi:10.1016/j.jacc.2012.08.438

Diodati J; **Angiolillo D**; Saucedo J; Cardillo T; Jakubowski J; Henneges C; Efron M; Lipkin F; Fisher H. Transferring from Clopidogrel Loading Dose to Prasugrel Loading Dose in Acute Coronary Syndrome Patients: High on-Treatment Platelet Reactivity Analysis of the TRIPLET Trial. *J Am Coll Cardiol*. October 23, 2012,60(17_S): doi:10.1016/j.jacc.2012.08.764

Gurbel P; Bliden K; Logan D; Kerejakes D; Lasseter K; White A; **Angiolillo D**; Nolin T; Maa JF; Jakubowski J; Ojeh C; Tantry U; bailey W; Baker B. The Influence of Smoking Status On The Pharmacodynamics of Prasugrel and Clopidogrel:The PARADOX Study. *J Am Coll Cardiol*. October 23, 2012,60(17_S): doi:10.1016/j.jacc.2012.08.064

Jakubowski J; Erlinge D; Gurbel P; Zhou C; Winters K; Brown P; Lindahl T; Svensso P; Ten Berg J; James S; **Angiolillo D**. A Comparison of 5 mg Prasugrel With 75 mg Clopidogrel in Very Elderly Coronary Artery Disease Patients: Pharmacodynamics and Rates of High on-Treatment Reactivity. *J Am Coll Cardiol*. October 23, 2012,60(17_S): doi:10.1016/j.jacc.2012.08.059

O'Braun O; **Angiolillo DJ**; Ferreiro JL; Jakubowski JA; Winters KJ; Efron MB; Duvvuru S; Costigan TM; Sundseth SS; Walker JR; Saucedo JF; Kleiman NS; Erlinge D; Varenhorst C. Enhanced Active Metabolite Generation and Platelet Inhibition With Prasugrel Compared to Clopidogrel Regardless of Genotype in Thienopyridine Metabolic Pathways. *Circulation*. 2012;126:A9871

Gurbel PA; **Angiolillo DJ**; Ten Berg JM; James S; Lindahl TL; Svensson P; Jakubowski JA; Brown PB; Duvvuru S; Sundseth S; Walker JF; Small DS; Moser BA; Winters KJ; Erlinge D. Pharmacokinetic and Pharmacodynamic Effects of Prasugrel and Clopidogrel According to CYP2C19 Genotype in Very Elderly and Non-Elderly Patients With Coronary Artery Disease. *Circulation*. 2012;126:A10678

Tello-Montoliu A; Kodali MK; Ueno M; Ferreiro JL; Tomasello SD; Rollini F; Darlington A; Ronakkumar P; Capodanno D; Desai B; **Bass TA; Angiolillo DJ**. Impact of Chronic Kidney Disease on Clopidogrel-Induced Antiplatelet Effects in Non-Diabetic Patients with Coronary Artery Disease. *Circulation*. 2012;126:A13567

Varenhorst C; Moser BA; Small DS; Brown PB; Zhou C; Jakubowski JA; Winters KJ; **Angiolillo DJ**; Erlinge D; James S. No Difference in Active Metabolite Exposure Between Very Elderly and Non-elderly Coronary Artery Disease Patients Treated With Prasugrel 5 mg or 10 mg in the GENERATIONS Trial. *Circulation*. 2012;126:A11291

Darlington AT; Tello-MontoliuA; Rollini F; Ueno M; Ferreiro JL; Patel R; Desai B; **Guzman LA; Bass TA; Angiolillo DJ**. Effect of Prasugrel on Platelet Function Profiles in Non-Diabetic Obese Patients with Coronary Artery Disease. *Andrew T Circulation*. 2012;126:A11347

Gurbel PA; Bliden KP; Bailey WL; Logan DK; Kerejakes DJ; Lasseter K; White A; **Angiolillo D**; Nolin T; Maa JF; Jakubowski J; Ojeh C; Tabrizchi A; Tantry U; Baker B. Influence of Smoking Status on the Frequency of High Platelet Reactivity During Prasugrel and Clopidogrel Therapy: Analysis From the Paradox Study. *Circulation*. 2012;126:A11942

Jakubowski J.A., **Angiolillo D.J.**, Zhou C., Ten Berg J.M., Brown P.B., James S., Winters K.J., Erlinge D. The influence of body weight on the pharmacodynamic response to clopidogrel and prasugrel: an integrated analysis of the FEATHER study. *European Heart Journal (2012) 33 (Abstract Supplement)*, 316

Bergmeijer T.O., **Angiolillo D.J.**, James S., Wagner H., Brown P.B., Zhou C., Jakubowski J.A., Moser B.A., Erlinge D., Ten Berg J.M. Pharmacokinetics and pharmacodynamics of prasugrel 5 mg in low body weight patients and prasugrel 10 mg in higher body weight patients. *European Heart Journal (2012) 33 (Abstract Supplement)*, 315

Tello Montoliu A., Rollini F., Desai B., Pasqualino G., Patel R., Santana Sorensen A., Sakariassen K.S., **Angiolillo D.J.** In vitro pharmacodynamic effects of EV-077, a new inhibitor of isoprostane and prostanoid cellular activation. *European Heart Journal* (2012) 33 (Abstract Supplement), 310

Erlinge D., Gurbel P., James S., Lindahl T.L., Svensson P., Brown P.B., Zhou C., Jakubowski J.A., Ten Berg J.M., **Angiolillo D.J.** Prasugrel 5mg in the very elderly is non-inferior to prasugrel 10mg in non-elderly patients: the generations trial, a pharmacodynamic (PD) study in stable CAD patients. *European Heart Journal* (2012) 33 (Abstract Supplement), 675

Rossini R., Musumeci G., Capodanno D., Calabria P., Lettieri C., Limbruno U., Molfese M., Spatari V., Gavazzi A., **Angiolillo D.J.** Long-term prognosis of patients with acute coronary syndrome and non-obstructive coronary artery disease. *European Heart Journal* (2012) 33 (Abstract Supplement), 632

Wagner H., Jakubowski J.A., **Angiolillo D.J.**, Ten Berg J.M., Small D.S., Zhou C., Bergmeijer T.O., James S., Winters K.J., Erlinge D. Clopidogrel is associated with weaker platelet inhibition, lower active metabolite concentration and more poor responders in higher body weight patients compared with lower body weight patients. *European Heart Journal* (2012) 33 (Abstract Supplement), 318

Efectos de pioglitazona en la activación mediada por el receptor plaquetario p2y12 en pacientes diabéticos tipo 2 en tratamiento con clopidogrel. Tello Montoliu A, Ferreiro JL, Ueno M, Rollini F, Suryadevara S, Desai B, Valdés M, **Angiolillo DJ.** *Rev Esp Cardiol.* 2012;65 Supl 3:76

Correlación entre la función plaquetaria y los niveles de glucemia e insulina. Subanálisis del estudio chips. Vivas Balcones D, Bernardo E, Garcia-Rubira JC, **Angiolillo DJ,** Núñez-Gil I, Martín P, Macaya C y Fernández-Ortiz A. *Rev Esp Cardiol.* 2012;65 Supl 3:229

Impacto de la insuficiencia renal crónica en los efectos plaquetarios de clopidogrel en pacientes no diabéticos con enfermedad coronaria Tello Montoliu A, Ferreiro JL, Ueno M, Rollini F, Kodali M, Darlington A, Valdés M, **Angiolillo DJ.** *Rev Esp Cardiol.* 2012;65 Supl 3:240

Impacto de una recarga de prasugrel en pacientes con una respuesta subóptima al tratamiento de mantenimiento con el mismo fármaco. Ferreiro Gutiérrez JL, Tello Montoliu A, Tomasello SD, Ueno M, Desai B, Rollini F, **Bass TA, Angiolillo DJ.** *Rev Esp Cardiol.* 2012;65 Supl 3:443

N. Lortkipanidze, G. Musumeci, D. Capodanno, C. Lettieri, U. Limbruno, M. Molfese, P. Calabria, V. Spatari, R. Rosiello, G. Tarantini, O. Valsecchi, G. Guagliumi, A. Gavazzi, **D. Angiolillo, R. Rossini** Acute coronary syndrome and non-obstructive coronary artery disease: long-term prognosis. *Atti del Congresso Nazionale GISE, Genova 3-5 Ottobre 2012*

Dodani S, Arora S, Lynch S, Mahin C. HEALS- Hypertension control program for African American Churches: Feasibility study. Poster presentation at the Research Day, University of Florida-College of Medicine, Jacksonville, FL May 2013

Dodani S. Heart diseases in women: Recent updates. Presented at the Regional meeting of IAMA-Indo-American Medical Association. Northeast Florida Chapter. Jacksonville FL Dec 2012

Carson PE, **Miller AB,** O'Connor CM, et al: Surgical treatment of ischemic heart failure (STICH) trial-mode of death. *European Heart J* 2012;33 Supp I: 497-8

Whellan DJ, Goldstein JL, Scheiman JM, **Miller AB,** et al: Incidence of gastric ulcers following administration of aspirin alone vs PA32540. 2012 American J Gastroenterology, in press

Whellan DJ, **Miller AB,** Goldstein J et al: Treatment continuation and cardiovascular safety of antiplatelet therapy with PA 32540, a tablet with enteric coated aspirin and immediate release omeprazole-results of two 6 month phase III studies. 2012, *Circulation* in press

Lavine SJ. Predictors of survival in patients with chronic aortic regurgitation not receiving aortic valve replacement. *J Am Soc Echocardiogr* 2012, in press. Washington, DC. July 2012.

Lavine SJ. The effect of right ventricular dysfunction on left ventricular systolic and diastolic function in the normal and dysfunctional left ventricle. *J Am Soc Echocardiogr* 2012, in press. Washington, DC. July 2012.

Lavine SJ, Indexing E/e' to stroke volume as a predictor of LV filling pressures at baseline and with hemodynamic perturbation. J Am Soc Echocardiogr 2013, in press, Minneapolis, MN June 2013.

Lavine, SJ. Predictors for the development of heart failure in patients with chronic aortic regurgitation. J Am Soc Echocardiogr 2013, in press, Minneapolis, MN June 2013.

Lavine SJ. Adverse cardiac events and impaired relaxation filling pattern. J Am Soc Echocardiogr 2013, in press, Minneapolis, MN June 2013.

Mcculloch G, Patel A, Patel H., Klassen C, **Lavine SJ**. Relationship between coronary artery calcification in non-gated chest multi-detector computed tomography and myocardial perfusion Imaging. Oral presentation, Research Day, University of Florida College of Medicine Jacksonville, May 2013.

Book chapters:

Tello-Montolliu, **Angiolillo DJ**. Pharmacodynamics and Pharmacogenetics- guided antiplatelet therapy. In Handbook of Personalized Medicine: Advances in Nanotechnology, Drug Delivery and Therapy edited by Ioannis S. Vizirianakis (Pan Stanford Publishing 2013 in press).

Franchi F, Rollini F, Muñiz-Lozano A, **Angiolillo DJ**. Cangrelor. In Antiplatelet Therapy in Vascular Disease edited by Ron Waksman (Wiley-Blackwell 2013 in press).

Muniz-Lozano A, Rollini F, Franchi F, **Angiolillo DJ**. Anticoagulation Therapy. Heparins, Factor II and Factor Xa inhibitors. In book: Pharmacologic treatment of acute coronary syndromes Edited by Avanzas and Clemmenson (Springer's Publishing 2013 in press)

Franchi F, Rollini F, Muñiz-Lozano A, **Angiolillo DJ**. Ticlopidine. In Antiplatelet Therapy in Vascular Disease edited by Ron Waksman (Wiley-Blackwell 2013 in press).

Rollini F, Tello-Montolliu, **Angiolillo DJ**. Genetic Considerations of Antiplatelet Therapy. Serruys et al (2012 in press).

CLINICAL ACTIVITIES

Outpatient Activity	AY 12/13
Physician clinic visits	*13,768
Cardiac ultrasounds	9325
Cardiac nuclear studies	2050
EKGs	60,002
Stress tests	3541
Heart caths	2743
EP procedures	1180
Cardiac rehab visits	2774
*Attendings Only: Jacksonville Clinic=7104, Lake Shore=1548, Emerson=1988, St Marys =3128	

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor
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/NIR Grant
Angiolillo, D	Impact of Ticagrelor Reload on Platelet Aggregation in Patients on Chronic Ticagrelor	2013-2014	IIS Grant
Angiolillo, D	Impact of In Vitro Cangrelor in Prasugrel Treated Patients	2013-2014	IIS Grant

DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

The Division of Endocrinology, Diabetes and Metabolism had a year of sustained growth and development in all areas of the academic mission of the University of Florida. Clinically, major events included expansion of clinical services and clinical research. The 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, many training programs at the University of Florida as well as non-university affiliated health care providers.

Patient care: The division provides inpatient and outpatient consultation to the University of Florida College of Medicine-Jacksonville providers and referring physicians in the Northeast Florida /Southern Georgia region and beyond at its sites at UF Health at the downtown Jacksonville campus and its flagship location on Emerson St. Dr. Joe Chegade, Dr. Arshag Mooradian, 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 as well. The division's main clinical operations occur at University of Florida Endocrinology and Diabetes at Emerson Medical Plaza. The number and variety of consultations continue to rise. Patients are evaluated at the UF Health Ambulatory Care Center (ACC). Dr. Chegade, Dr. Sheikh-Ali and Dr. Wehmeier perform analyses of the glucose monitoring data, obtained by continuous glucose monitoring, to make recommendations regarding diabetes management. Diabetes care has broadened through 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.) Dr. Chegade and Dr. Sheikh-Ali both utilize ultrasound guidance for the evaluation of patients with thyroid nodules, and thyroid cancer to provide comprehensive care to patients with thyroid disease.

A unique collaboration with the University of Florida, College of Medicine-Jacksonville's Department of Surgery, Radiology and Pathology, has enhanced the care of patients with thyroid and parathyroid disease. Through the 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. This collaboration is coordinated through Dr. Sheikh-Ali.

The dynamic testing clinic at UF Endocrinology and Diabetes at Emerson Medical Plaza has enhanced the evaluation of adrenal and pituitary disease.

On the inpatient service, many more patients are served by endocrinology consultation. 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.

Education: The Endocrinology Fellowship continues to maintain its ACGME accreditation, under the direction of Dr. Kent Wehmeier and Assistant Program Director Dr. Mae Sheikh-Ali. Dr. Harshit Shah from Loma Linda and Dr. William Kurban, from Louisiana State University will join the division July 1st of 2013. All four fellows have made substantive contributions to the clinical care, education and research mission of the Division. Dr. Hagop Kojanian and Dr. Anna Swietlik have accepted positions in private practice in Boston, Massachusetts and Tampa, Florida, respectively. Dr. Salma Makhoul from the Henry

Ford Hospital in Detroit Michigan, and Dr. Melanie Thomas from Mayo Clinic Jacksonville, continue to make contributions and will continue their second year of instruction.

In residency education, Dr. Wehmeier continues as rotation director 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.

In the educational program of University of Florida, medical students and physician assistant students, Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier are in preceptor clinics in Endocrinology and coordinate lectures for the University of Florida medical students, residents in medicine, and emergency medicine. The division's Endocrinology grand rounds provides an avenue for speakers at UFCOM-Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF. The faculty also delivered lectures internationally in the care of patients with diabetes mellitus.

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 and numbers of subjects have continued to grow. Additional research staff has been added to grow the division's efforts. The basic science 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 third place award and a platform presentation garnered a fourth 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. Four investigator-initiated clinical trials are also in the process of studying topics in thyroid disease and macronutrient metabolism.

Philanthropy: The division members have been the recipients of many gifts. In the spirit of giving back the members have contributed of 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

**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, Mazza AD, Wong NCW, and Mooradian AD. Inhibition of apolipoprotein A-I gene expression by obesity-associated endocannabinoids. *Obesity* 20:721-729, 2012.

Haas MJ and Mooradian AD. What Evidence is there for the Role of Vitamin D and Apo A-I in atheroprotection? *Clinical Lipidology* 7:255-257, 2012.

Maharaj J, **Haas MJ**, and **Wehmeier KR.** Primary hyperparathyroidism and vitamin D in African Americans. *Endocrine Practice* 18:947-953, 2012.

Haas MJ, Raheja P, Jaimungal S, Sheikh-Ali M, and Mooradian AD. Estrogen-dependent inhibition of dextrose-induced endoplasmic reticulum stress and superoxide generation in endothelial cells. *Free Radicals in Biology and Medicine* 52:2161-2167, 2012.

Naem E., Alcalde, R., Gladysz M., Mesliniene S, Jaimungal S., **Sheikh-Ali M, Haas MJ, Wong NCW, and Mooradian AD.** Inhibition of apolipoprotein A-I gene by the aryl hydrocarbon receptor: a potential mechanism for smoking-associated hypoalphalipoproteinemia. *Life Sciences* 91:64-69, 2012.

Cehade JM, Alcalde, R., Naem, E., Mooradian AD, Wong, NCW, and Haas, MJ. Induction of apolipoprotein A-I gene expression by glucagon-like peptide-1 and exendin-4 in hepatocytes but not intestinal cells. *Metabolism* 62:265-274, 2013.

Naem, E., **Haas MJ, Wong, NC, and Mooradian AD.** Endoplasmic reticulum stress in HepG2 cells inhibits apolipoprotein A-I secretion. *Life Sciences* 92:72-80, 2013.

Sheikh-Ali M, Raheja P, Borja-Hart N. Medical management and strategies to prevent coronary artery disease in patients with type 2 diabetes mellitus. *Postgrad Med.* 2013 Jan;125(1):17-33

Mesliniene S, Ramrattan L, Giddings S, **Sheikh-Ali M.** Role of vitamin D in the onset, progression, and severity of multiple sclerosis. *Endocr Pract.* 2013 Jan 1;19(1):129-36.

Tao le, Bhushan V, **Sheikh-Ali M, Abushahin F.** First Aid for the USMLE STEP 2 CS, Fourth edition, McGraw-Hill 2012.

Szafran-Swietlik A, **Sheikh-Ali M.** Update thyroid function testing. *Epocrates-BMJ point of care.* October 2012.

Mooradian AD, Cehade JM. Diabetes mellitus in older adults. *Am. J. Therap.* 19:145-59, 2012.

Krishnaswami A, Hardison R, Nesto RW, Sobel B; BARI 2D Investigators (**Mooradian A**) Presentation in patients with angiographically documented coronary artery disease and type II diabetes mellitus (from the BARI 2D Clinical Trial). *Am J Cardiol.* 109:36-41, 2012.

Abbott JD, Lombardero MS, Barsness GW, Pena-Sing I, Buitrón LV, Singh P, Woodhead G, Tardif JC, Kelsey SF (BARI 2D Investigators; **A. Mooradian**). Ankle-brachial index and cardiovascular outcomes in the Bypass Angioplasty Revascularization Investigation Diabetes trial. *Am Heart J.* 164:585-590, 2012.

Brooks MM, Chaitman BR, Nesto RW, Hardison RM, Feit F, Gersh BJ, Krone RJ, Sako EY, Rogers WJ, Garber AJ, King SB 3rd, Davidson CJ, Ikeno F, Frye RL; for the BARI 2D Study Group (**A. Mooradian**). Clinical and angiographic risk stratification and differential impact on treatment outcomes in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. *Circulation.* 126:2115-2124, 2012.

Shaw LJ, Cerqueira MD, Brooks MM, Althouse AD, Sansing VV, Beller GA, Pop-Busui R, Taillefer R, Chaitman BR, Gibbons RJ, Heo J, Iskandrian AE (BARI 2D Investigators; **A. Mooradian**). Impact of left ventricular function and the extent of ischemia and scar by stress myocardial perfusion imaging on prognosis and therapeutic risk reduction in diabetic patients with coronary artery disease: results from the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) trial. *J Nucl Cardiol.* 19(4):658-669, 2012.

Schwartz L, Bertolet M, Feit F, Fuentes F, Sako EY, Toosi MS, Davidson CJ, Ikeno F, King SB 3rd. (BARI 2D Investigators; **A. Mooradian**). Impact of completeness of revascularization on long-term cardiovascular outcomes in patients with type 2 diabetes mellitus: results from the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D). *Circ Cardiovasc Interv.* 5:166-173, 2012.

Alexandraki I, Palacio C, House J, **Mooradian AD**. Hospital bed utilization by teaching and nonteaching medical services. *Health Care Manag (Frederick).* 31:295-301, 2012.

Alexandraki I, **Mooradian AD**. Redesigning medical education to improve health care delivery and outcomes. *The Health Care Manager* 32(1):37-42, 2013.

Cehade JM, Gladysz M, **Mooradian AD**. Dyslipidemia in type 2 diabetes: Prevalence, pathophysiology and management. *Drugs* 73:327-39, 2013.

Mooradian AD. Is high density lipoprotein (HDL) cardioprotective or simply a marker of cardiovascular disease?" *Am. J. Therapeutics (in press)* 2013.

Ismail-Beigi F, Lombardero MS, Escobedo J, Genuth S, Green J, Massaro E, **Mooradian AD**, Ovalle F, Whitehouse F, Zonszein J the BARI 2D Study Group. Determinants of successful glycemic control among participants in the BARI 2D Trial: A post-hoc analysis. *Journal of Diabetes and Its Complications (In press)* 2013.

Mooradian, AD. Drug therapy of diabetic dyslipidemia: Do the statins suffice? *Am. J. Therap.* in press 2013.

Abstracts and presentations:

Haas MJ, Onstead-Haas LM, Naem E, Gladysz M, Mesliniene S, **Sheikh-Ali M**, Wong NCW, and **Mooradian AD**. Inhibition of apolipoprotein A-I gene expression by aryl hydrocarbon receptor agonists. American Society of Biochemistry and Molecular Biology, International Conference on the Bioscience of Lipids and the Canadian Lipoprotein Conference, Calgary, Alberta, Canada, 2012.

Makhoul-Ahwach S, Onstead-Haas LM, **Mooradian AD**, and **Haas MJ**. The effect of black seed (*Nigella sativa*) extract on FOXO3 expression in HepG2 cells. Endocrine Society 95th Annual Meeting, San Francisco, CA, 2013.

Kojanian H, Onstead-Haas LM, Naem E, Wong NCW, **Mooradian AD**, and **Haas MJ**. Induction of apolipoprotein A-I gene expression by black seed (*Nigella sativa*) extracts. Endocrine Society 95th Annual Meeting, San Francisco, CA, 2013.

Thomas M, Neyra CR, Pirgousis P, Gladysz M, **Sheikh-Ali M**. Characteristics and the incidence of thyroid malignancy when comparing indeterminate and non-diagnostic cytology on fine needle aspiration. AACE 22nd Annual Scientific and Clinical Congress, Phoenix, AZ, 2013. University of Florida Research Day, Jacksonville, FL, 2013.

Thomas M, Neyra CR, Pirgousis P, Smotherman C, Gladysz M, **Sheikh-Ali M**. Nodule characteristics of papillary and follicular thyroid cancer on thyroid ultrasound, is there a difference? AACE 22nd Annual Scientific and Clinical Congress on Phoenix, AZ, 2013. University of Florida Research Day, Jacksonville, FL, 2013.

Neyra CR, **Thomas M**, Pirgousis P, Smotherman C, Gladysz M, **Sheikh-Ali M**. Is thyroid nodule size > 3 cm predictive of malignancy based on final surgical pathology? AACE 22nd Annual Scientific and Clinical Congress, Phoenix, AZ, 2013. University of Florida Resident Research Day, Jacksonville, FL, 2013.

Szafran-Swietlik A, **Sheikh-Ali M**, 20 Fractures in 67 Year Old Female Patient: Tumor Induced Osteomalacia. AACE 22nd Annual Meeting, Phoenix, AZ. 2013.

Sheikh-Ali M. Disruption of Sleep Wake Cycle and the Development of Metabolic Syndrome. The 9th International Iraqi Medical association World Sharjah Conference, Sharjah, UAE. March 2013.

Sheikh-Ali M. Circadian Clock De-synchronization and Metabolic Syndrome. National Arab American Medical Association, Istanbul, Turkey. July 2012.

Sheikh-Ali M. Updates on Diabetes Classifications and Management. Xth Makassed Medical Congress. Beirut, Lebanon. July 2012.

Wehmeier KR, Jaimungal S, Maharaj J, **Mooradian AD**, **Haas MJ**. 24,25-Dihydroxyvitamin D3 Signals through Non-vitamin D Receptor Pathways in HepG2 Cells. ASBMR annual meeting, Minneapolis, MN 2012.

Research grants:

Haas MJ. Principle Investigator. A molecular basis for inhibition of HDL synthesis by polycyclic aromatic hydrocarbons. DFRA-Dean's Fund Research Award, 2012.

Wehmeier KR, **Haas MJ**. Co-Investigators. Characterization of cholesterol transport proteins in osteocytes and their response to inflammatory cytokines. DFRA-Dean's Fund Research Award, 2012.

Haas MJ Co-Investigator. Immunomodulatory activity of vitamin D and metabolites on hepatitis C viral replication. DFRA-Dean's Fund Research Award, 2012.

Haas MJ Co-Investigator. Investigation into the insulinotropic properties of black seed (*Nigella sativa*) in hepatocytes. DFRA-Dean's Fund Research Award for Residents and Fellows, 2013.

Haas MJ, **Thomas M**. Co-Investigators. The effect of vitamin D on cholesterol efflux in human macrophage cells. DFRA-Dean's Fund Research Award for Residents and Fellows, 2013.

Mooradian AD American Heart Association "Role of novel Na⁺/H⁺ antiporters in essential hypertension" 07/01/2010-06/30/2014; (Role: CO-PI); Xiang M (PI).

Mooradian AD American Association of Diabetes Educators (AADE) "Integration of diabetes self-management education into a patient centered medical home: demonstration project" 4/2011-4/2012; (Role CO-Investigator); Dr. Kenyata Lee (PI).

Mooradian AD NIH RO1DK091710 "Mechanism of diet induced leptin resistance in ARC and VTA" 6/2012-5/2017; (Role Consultant); Dr. Philip Scarpace (PI).

HONORS AND AWARDS

Haas MJ. "Health Care Hero" Scientist category. Jacksonville Business Journal 2013.

CLINICAL ACTIVITIES

	AY 12/13
Inpatient Activity	
Initial IP Encounters	453
Outpatient Activity	
Clinic Visits	7340
Thyroid Biopsies	189

GRANTS AND CONTRACTS

Principal Investigator	Study Title	Project period	Sponsor
Wehmeier, K	Evaluating cholesterol metabolism in osteocytes	7/12-6/13	Deans Fund Research Award
Wehmeier, K	NN1768	7/1/10	Novo Nordisk
Wehmeier, K	BI1245.28	7/3/11	B-Ingelheim
Wehmeier, K	BI1245.25	3/1/14	B-Ingelheim
Cehade, J	GBDD	8/10-2/12	Eli Lilly
Cehade, J	CV 181-168	2011-2014	BMS
Cehade, J	NN3785	6/11/11	Novo Nordisk
Cehade, J	IOPZ	7/12-6/13	Eli Lilly
Cehade, J	Effects of GLP-1 and exenatide on HDL cholesterol	2010/2011	Amylin
Sheikh-Ali, M	3944	11/12-6/13	Novo Nordisk
Sheikh-Ali, M	3844	6/11-7/12	Novo Nordisk
Sheikh-Ali, M	3943	7/12-6/13	Novo Nordisk
Sheikh-Ali, M	2851	11/12-6/13	Novo Nordisk
Sheikh-Ali, M	IOQC	9/10-3/13	Eli Lilly

DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2013 (7/12 – 6/13)

Highlights

The Division of Gastroenterology had an outstanding 2012-2013 fiscal year. Clinically, the Division has significantly reduced patient wait list times 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. Kimmie Holcomb has been appointed as our new GI office manager and is doing a wonderful job. 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 now 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 have received multiple awards including the outstanding research award at UF Research Day. 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.

Patient Care: The patient care aspect of our academic mission is pursued at the following locations: inpatient consult service at the 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 8th Street and Emerson campus; endoscopy services at both the Shands GI Lab and Medical Partners Emerson campus; general GI clinics at both the 8th 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 five (ACGME listed) key faculty members of the division include Dr. Eid, Dr. Li, Dr. Munoz, Dr. Scolapio and Dr. Sievert. The division has a total of six fellows, two per year. We have been successful to report 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 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 8th Street and Emerson have also 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 and Hepatology. 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. 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



Emely Eid M.D., Assistant Professor

Medical School / Graduation date	American University of Beirut, Beirut, Lebanon	2004
Internship/residency and year	Indiana University , Indianapolis, IN	2009
Subspecialty training and year	UT-Southwestern Medical Center, Dallas, TX	2012



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

John B, Bullock M, McGaw C, Brenner L, **Scolapio J**. Nutrition Issues in the Elderly – Frequently Asked Questions: Am J Gastroenterol. Accepted Apr 2013

Diteodoro LA, Pudhota SG, Vega KJ, Jama MM, **Munoz JC**, Wludyka P, Bullock D, Lambiase LR. Ultrasound marking by gastroenterologists prior to percutaneous liver biopsy removes the need for a separate radiological evaluation. Hepatogastroenterology. 2013 Jan 3;60(126). DOI: 10.5754/hge121106. PMID: 23282742

McGawC, Jalaj S, Sievert P, Scolapio J. Upper gastrointestinal bleeding: variceal and non-variceal hemorrhage. Northeast Florida Medicine. Vol 64; 14-19. No 1. www.dcmsonline.org Mar 2013.

Gupta R, Marshall J, **Munoz JC**, Kottoor R, Jamal MM, Vega KJ. Decreased acid suppression therapy overuse after education and medication reconciliation. Int J clin Pract. 2013 Jan;67(1)60-5. DOI: 10.1111/ijcp.12046. PMID: 23241049

Presentations:

Lee A, Bullock M, **Scolapio J**, **Sievert P**, **Eid E**. Transition of care: A teamwork approach toward the standardization of effective patient communication in a GI ambulatory clinic. Poster presentation at: UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2013.

Lee AJ, Bashard M, Brenner L, Montiera C, **Munoz JC**. Gastrointestinal Kaposi Sarcoma. Poster presentation at: UF College of Medicine Research Day, Jacksonville, FL. May 2013.

Clark M, Singh N, **Li X**. Application of EUS in pancreatic cysts. Poster presentation at: UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2013.

Bullock M, Brenner L, John B, Lee A, McGaw, C, **Eid E**, **Li X**, **Munoz J**, **Sievert P**, Clair T. A multidisciplinary team-based curriculum to provide safe moderate sedation delivery for patients in the GI Lab. Poster presentation at: UF College of Medicine Medical Education Week, Jacksonville, FL. Apr 2013.

Li X. Development of anti-viral chemicals. Oral presentation at: Northern China Pharmacology Forum. Harbin Medical University, Harbin, China. Dec 2012.

Li X. Therapeutic strategy for chronic HCV patients. Oral presentation at: College of Pharmacology. Harbin Medical University, Harbin, China. Dec 2012.

Brenner L, Godwin SA, **Munoz JC**, **Scolapio J**, **Li X**. An unusual foreign body impacted in the cervical esophagus and hypopharynx. Poster presentation at: American College of Gastroenterology (ACG), Las Vegas, NV. Oct 2012.

Bullock M, Giddings S, Patel N, Wolfson D, **Munoz J**. Primary Plasmablastic Lymphoma of the Esophagus Presenting as esophagitis. Poster presentation at: American College of Gastroenterology (ACG), Las Vegas, NV. Oct 2012.

Book Chapters and Monographs:

Munoz JC, Lambiase L. HNPCC or Hereditary Nonpolyposis colorectal cancer. E-medicine.com. <http://emedicine.medscape.com/article188613-overview>. Last update: 25 Feb 2009. Last update: 18 Apr 2013

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: 15 Nov 2012

Munoz JC, Laos L. Foreign Body Ingestion. <https://online.epocrates.com/u/29111050/Foreign+body+ingestion>. British Medical Journal Publishing Group. Last update: 20 Nov 2009. Last updated: 15 Nov 2012

CLINICAL ACTIVITIES

Inpatient Activity	AY 12/13
Number of IP Consults (IDX)	1055
Shands Jacksonville Inpatient Procedures (IDX)	979
Baptist Beaches Inpatient Procedures (IDX)	113
St. Lukes Inpatient Procedures (IDX)	7
Outpatient Activity	
Clinic Visits (IDX)	14329
Shands Jacksonville Outpatient Procedures (IDX)	4710
Baptist Beaches Outpatient Procedures (IDX)	570
Jax Beach Surgery Center Outpatient Procedures (IDX)	673
Jacksonville Surgery Center (IDX)	850
Medical Partners Surgery Center (IDX)	873

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor
Li, X	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	12/3/10 - 9/29/13	Janssen Biotech, Inc.
Li, X	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	9/21/11 - 7/21/13	Merck Sharp & Dohme Corp.
Li, X	A Prospective Study Quantifying Fecal TNF-Alpha in Active IBD Compared to Other Forms of Enterocolitis	1/15/08 - 5/29/13	UCB
Li, X	The collection of whole blood specimens from Patients presenting with clinical signs and symptoms suggestive of Viral Hepatitis B and C	5/2/12 - 4/17/14	Discovery Life Sciences, Inc.
Li, X	Randomized, Placebo-controlled, double-blind, multiple dose study to determine the efficacy and safety of MLN0002 for the induction and maintenance of clinical response and remission in patients with Crohns	09/02/09 - 1/27/13	Millennium Pharmaceuticals, Inc.
Li, X	Randomized, Placebo-controlled, blinded study of the induction and maintenance of clinical response & remission by MLN0002 in patients with moderate to severe Ulcerative Colitis	8/1/2008 - 9/10/10	Millennium Pharmaceuticals, Inc.
Munoz, J	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	8/3/11 - 2/26/13	Viropharma, Inc
Munoz, J	HALO Patient Registry: Ablation of Barrett's Esophagus	6/24/10 - 4/4/14	BARRx Medical, Inc.
Munoz, J	A Randomized, Double-blind, Placebo-controlled, Phase 3 Study to Evaluate the Efficacy, Safety, and Tolerability of JNJ-27018966 in the Treatment of Patients With Diarrhea-Predominant Irritable Bowel Syndrome	6/14/12 - 4/23/13	Furiex Pharmaceuticals

DIVISION OF GENERAL INTERNAL MEDICINE
ACADEMIC YEAR 2013 (7/12 - 6/13)

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 13 members, including the two chief medical residents. All full time faculty are certified by the American Board of Internal Medicine. The clinical care provided by members of the division include the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: the Ambulatory Care Center at Shands Jacksonville, the Faculty Clinic and the 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, the physicians in the group are considered excellent clinicians. In addition to the excellent physicians in the group, the outpatient primary care practices hold NCQA Level I certification as a Patient Centered Medical Home and plan to pursue Level 3 certification in the coming year. *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, established this clinic for adolescents and young adults who are transitioning from their pediatricians to adult providers in 2005. In addition to the *JaxHATS* clinics, a new clinic for adults with intellectual and developmental disability, *PAIDD* (Program for Adults with intellectual and Developmental Disability) has been started by Dr. Edwards. The clinic and care coordination of these patients is supported by a grant from the Riverside Foundation. Our geriatrician, Dr. Hsiao-Yen Kuo, has developed a growing geriatric outpatient practice, seeing patients at the Faculty Clinic and our Emerson site and continues to provide care to patients admitted to one of our local nursing homes.

Education: The division provides faculty supervision of residents on the four general internal medicine inpatient teaching services, the inpatient medicine consultation service and geriatrics as well as 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 and Dr. Palacio is one of the Associate Program Directors for the training program. He is focusing his efforts in the ambulatory care arena and quality improvement initiatives with the residents in their outpatient practice. Dr. Landa serves as the Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient). Drs. Landa, Reddy and Palacio served as core faculty for the residency training program in Internal Medicine and are members of the Clinical Competency Committee (previously the Resident Education Committee).

Drs. Masri and Sottile serve as peer reviewers for the University of Florida College of Medicine-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 College of Medicine-Jacksonville to residents and subspecialty 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 3rd and 4th 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 the 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 PQRS 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, timeliness of discharges as well as identify opportunities to continue to improve our patient satisfaction. In addition to these opportunities for improvement, there is an initiative underway to evaluate early and accurate diagnosis of sepsis in order to initiate appropriate treatment and reduce mortality. 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

	Lori A. Bilello, Ph.D., M.B.A., M.H.S., Assistant Professor, Associate Director, CHEQR		
	PhD Health Services Research	University of Florida	2012
	Master of Business Administration	University of Florida	1998
	Linda Edwards, M.D., Associate Professor, Associate Chairman and Division Chief		
	Medical School / Graduation date	East Carolina University	1981
	Internship/residency and year	Jacksonville Health Education Programs	1985
	Malcolm Foster, M.D., Adjunct Professor		
	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

**Alan Halperin, M.D., Professor**

Medical School / Graduation date	University of Kansas	1971
Internship/residency and year	University of Wisconsin	1974

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

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

**Syed Hammad Jafri, M.D., Assistant Professor**

Medical School / Graduation date	University of Karachi	2005
Internship/residency and year	University of Florida – Jacksonville	2011

**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

**Cristian Landa, M.D., Assistant Professor**

Medical School / Graduation date	Ross University	2009
Internship/residency and year	University of Florida – Jacksonville	2011

**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

Book Editor:

Wood DL, Reiss JG, Ferris ME, **Edwards LR**, Merrick J. eds. In: Transition from pediatric to adult medical care. Nova Publishers, 2012.

Monographs:

Alexandraki I, Palacio C, **House J**, Mooradian A. Hospital bed utilization by teaching and nonteaching medical services, In: The Health Care Manager, 31(4): 295–301, December 2012.

Masri G, Phillips J, et al. Evaluation of hyponatremia. In: BMJ Point of Care and Best Practice [Internet], (Updated 2012, 2011 and 2010; cited 2009). Available from: <http://www.epocrates.com>.

Phillips J, **Masri G**, et al. Evaluation of hypernatremia. In: BMJ Point of Care and Best Practice [Internet], (Updated 2012, 2011 and 2010; cited 2009). Available from: <http://www.epocrates.com>.

Palacio C, Fauzia R. Blast crisis. In: BMJ publishing group point-of-care Website (US product on epocrates.com) Update 2013.

Palacio C, Fauzia R. Blast crisis. In: BMJ publishing group Best Practice Website (International product on bestpractice.com) Update 2013.

Palacio C. Rickets. In: BMJ publishing group point-of-care Website (US product on epocrates.com). Update 2013

Palacio C. Rickets. In: BMJ publishing group Best Practice Website (International product on bestpractice.com) Update 2013.

Landa C, Giddings S, **Reddy P**. Chest pain? An unusual presentation of vertebral osteomyelitis. In: Case Reports in Medicine, Vol. 2013, Article ID 416498, January 2013.

Publications:

Shaheena A, Levine D, Pokala S, Fagan M, Szauter K, Alexandraki I, Chretien K, **Palacio C**, Chheda S, Hoellein A, McManamon A, Torre D. Journal Watch from ACE (Alliance for Clinical Education): Annual Review of Medical Education Articles in Internal Medicine Journals, 2011-2012. In: Teach Learn Med. 2013 (Accepted, in Press).

Chretien KC, Alexandraki I, Levine DL, **Palacio C**. Qualitative Research 101: Basics of qualitative research for medical educators. In: Academic Internal Medicine Insight. 2013. Volume 11, Issue 2 (Accepted, in Press).

Palacio C. 65-year old woman-Mrs. Thompson. In: SIMPLE: Simulated Internal Medicine Patient Learning Experience Project eds. Berman and Fall. <http://www.simplecases.org>. Update 2013.

Alexandraki I, **Palacio C**, **House J**, Mooradian AD. Hospital bed utilization by teaching and nonteaching medical services. In: Health Care Manag (Frederick). 2012 Oct-Dec; 31(4):295-301. doi: 1097/HCM.0b013e31826fe26c. PubMed PMID: 23111480.

Vega KJ, Langford-Legg T, **Palacio C**, Watts J, Jamal MM. Females without reflux symptoms or gastroesophageal reflux disease has less distal esophageal acid exposure than males without reflux symptoms or gastroesophageal reflux disease. In: Dis Esophagus. 2013 Apr; 26(3):246-9. PubMed PMID: 22676484.

Reddy P. Clinical utility of natriuretic peptides in left ventricular failure. In: SMJ.106 (2): 182-187. Feb 2013.

Reddy P. Laboratory diagnosis of antiphospholipid syndrome. In: SMJ accepted for publication Oct 2012.

Abstracts/Presentations:

Edwards L. Assembling Accurate Clinical Information (Part 1), PEDD Webinar Series, August 28, 2012.

Edwards, L. Assembling Accurate Clinical Information (Part 2). PEDD Webinar Series, September 4, 2012.

Congdon J, Cammilleri J, Mallory N, **Halperin A**, Aaronson P. The impact of pharmacist drive E-FORCSE education on physician controlled substance subscribing procedures. Abstract presentation University of Florida College of Medicine-Jacksonville Research Day, May 16, 2013.

Khan, A, **Palacio C**, Guzman N, **House J**. Institution of a sustainable chart review process at an Internal Medicine Residency Program (Poster Presentation) University of Florida College of Medicine-Jacksonville Research Day May 16, 2013.

Khan A, **Palacio C**, Guzman N, **House J**. Institution of a sustainable chart review process at an Internal Medicine Residency Program, Advances in Medical Education 2013, April 11, 2013.

Edwards L. Assessing behavior change in adults with developmental and intellectual disabilities, University of Florida College of Medicine-Jacksonville, Department of Neurology Grand Rounds, March 27, 2013.

Palacio C. Qualitative Research 101: Basics of Qualitative Research for Medical Educators. AAIM Joint Workshop Session 105. Phoenix, AZ, October 13, 2012.

Khan A, **Palacio C**, Guzman N, **House J**. Institution of a sustainable chart review process at an Internal Medicine Residency Program, Florida ACP oral presentation, 2013.

Sottile, E Lecturer/Facilitator: Clinical Teaching; Stanford Faculty Development Course, University of South Florida Graduate Medical Education Office, Tampa, Florida, Feb 11-12, 2013

Journal Reviewer/Editor:

Dr. Palacio - Section Editor and Reviewer for General Internal Medicine Medstudy 15th edition, 2012-2013. Editorial Consultant, American College of Physicians, Physicians Information and Education Resource (PIER). Reviewer for the iInTIME Grant Initiative 2012- 2013. CDIM Research Committee Survey Writing Team, Ethics Section 2012-2013.

HONORS AND AWARDS

Linda Edwards, M.D.	Hanson Professorship of Medicine University of Florida Exemplary Teacher Award 2013
Malcolm Foster, M.D.	Board of Directors, ACP Foundation, Vice-Chairman
Alan Halperin, M.D.	Chair, Institutional Review Board, UF & SJMC
Jeff House, D.O.	University of Florida Exemplary Teacher Award 2013
Cristian Landa, M.D.	Department of Medicine Attending of the Year 2013 University of Florida Student Teaching Award 2013
Pramod Reddy, M.D.	University of Florida Exemplary Teacher Award 2013

CLINICAL ACTIVITIES

	AY 12/13
Inpatient Activity	
Numbers of Inpatient Admissions	3994
Outpatient Activity	
Clinic Visits	13107

CONTRACTS AND GRANTS

Investigator	Study Title	Project Period	Sponsor
Edwards, L (Co-PI)	University of Florida Foundation for the Medical Home for Adults with Intellectual and Developmental Disabilities Project	3/6/2012 - 3/6/2015	The Community Foundation Grant – Riverside Hospital Foundation Charitable Fund
Edwards, L (Sub-I)	Diabetes PQRS Study	2013-2014	Unfunded
Jafri, H (Sub-I)	Active metabolite study (Mechanistic of variable platelet inhibitory effects of clopidogrel in patients with type 2 diabetes mellitus – A pilot study)	2012-2013	Unfunded
Jafri, H (Sub-I)	TEG study(Thromboelastography in patients treated with oral anti-coagulation)	2012-2013	Unfunded
Masri, G (Sub-I)	A Placebo-Controlled, Randomized, Double-Blind, Parallel Group, Dose-Finding Trial to Evaluate the Efficacy and Safety of TBS-2 Intranasal Testosterone Gel in Women With Acquired Female Orgasmic Disorder	Aug 14, 2011- Present	Trimel Biopharma SRL
Masri, G (Sub-I)	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 - Feb 28, 2012	Noven Therapeutics LLC
Masri, G (Sub-I)	Diabetes PQRS Study	2013-2014	Unfunded

Title	Recipient	Amount
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 2013 (7/12 – 6/13)

Highlights

The Division of Hematology and Medical Oncology continued its clinical and academic mission of the University of Florida. The division consists of three board certified medical oncologist and one dual boarded in Medical Oncology and Hematology. The division provides inpatient clinical consultation in hematology and medical oncology and maintains an ACGME accredited Oncology fellowship training program. The division actively participates in training internal medicine residents, medical students, pharmacy and nursing in inpatient and outpatient settings.

Dr. Rana appeared on the local News 4 Jax Channel 4 educating viewers on breast cancer and participated in Dr. Shahla Masood's public forum on "What Everyone Should Know about Breast Health". Dr. Rana was invited to participated in the Breast Cancer Campaign Lunch and Learn at AHCA Florida (Agency for Healthcare Administration) and has joined the Community Hospice Advisory Board as a member. Dr. Naeem Latif spoke on breast cancer at the Women's Conference, Sheraton Hotel in Jacksonville and continues to provide community service to poor and uninsured patients at the Islamic Center, We Care Clinic in Jacksonville, FL. Dr. Robert Zaiden participated in the prostate screening and education event in partnership with the AUA (American Urological Association) and NFL's "KNOW YOUR STATS" campaign on campus at the University of Florida College of Medicine-Jacksonville. Invited speaker, James Tumlin, M.D., Professor of Medicine at University of Tennessee presented on TTP/Hus Syndrome Treatment & Diagnosis to the Medical Oncology Faculty and Fellows. The Oncology division continues to host the Oncology Pharma Expo quarterly. This program has been very successful in boosting faculty and staff moral and building better relationships with industry without disruption in clinical activity.

Each member of the division has a strong role in division activities. Dr. Rana, Division Chief and Assistant Fellowship Program Director, continues to provide care and leadership as Director of the Sickle Cell Program. She serves as an important component in the Multidisciplinary Breast Program and is an active member of Cancer Committee. Dr. Dat Pham is the Fellowship Program Director and works closely with the education of the fellows. Dr. Pham continues his efforts in the Multidisciplinary Thoracic Oncology Program. Dr. Zaiden developed the Multispecialty GI Cancer Program and is working very closely with Proton Therapy Institute and the Department of Surgery. Dr. Latif continues the Head and Neck Multidisciplinary program with ENT and Radiation Oncology and is Compliance Leader for the Department of Medicine.

Patient care: Patient care is provided at UF Health, UF College of Medicine-Jacksonville campus, CB McIntosh Center and Emerson Medical Plaza. Our faculty members of the division include Dr. Fauzia Rana, Dr. Dat Pham, Dr. Robert Zaiden and Dr. Naeem Latif. The division continues to work closely with Radiation Oncology, Surgical Oncology and central administration of the UF College of Medicine-Jacksonville, providing multimodality care for oncology patients. All faculty members work closely with the Proton Therapy Institute in collaboration of patient care. Our goal is to improve patient access and overall quality of care.

Education: In 2009, after a successful ACGME site visit, our Medical Oncology Fellowship Program received 5 year accreditation. The Medical Oncology Fellowship, under the direction of Program Director Dr. Dat Pham, has remained strong and has 100% match rate, with one position filled for July 2013.

Our division works closely with the GME office at UFCOM-J, playing an active role in the educational core lecture series including Grand Rounds and Hematology/Oncology Didactic Lecture Series. The physicians provide mentoring and teaching to the residents interested in our specialty. Faculty supervises medical

oncology fellows in their outpatient continuity clinics and provides supervision during all bone marrow procedures.

The division continues to support the Internal Medicine Residency Program through facilitation of Night Float Rotation, Medicine Resident's Noon Conference and Grand Rounds. The division offers a consult experience in hematology and oncology to residents at all training levels. Fellows have opportunities to contribute at weekly didactic lecture series. Our monthly Journal Club generates discussion on various topics and keeps us up to date on the latest advances in hematology and oncology. Fellows have submitted peer review manuscripts, several of which were accepted for publication. Dr. Rana serves as a key clinical faculty for Internal Medicine and is a member of the Resident Education Committee. Our quarterly Pharma Fair has been successful this year, which provides additional educational materials and latest cancer treatment guidelines.

This is the first year that all faculty members from our division were chosen to receive the 2013 University of Florida College of Medicine's Exemplary Teachers Award. This award is given in recognition of outstanding teaching contributions of individual faculty member. Through Baptist Medical Center rotation, our fellows have also been gaining valuable clinical experiences from Dr. Troy Guthrie, a seasoned mentor who loves to teach.

Research: The Division of Hematology/Oncology is currently conducting seven clinical trials. We are planning to start five new trials in the near future. We are currently collaborating with Mayo and will partner in the future on additional trials. We have been grandfathered into the ALLIANCE cooperate group, as an affiliate site, which merged ACOSOG, CALGB, and NCCTG. In addition, we will be a co-applicant for a grant program that provides scientists with leading-edge products and services to advance genomics research, breast and prostate cancer. We will be partnering with Dr. Patrick Allen from Annai Systems, JPL Innovations, and BBRM (Black Biomedical Research Movement) on this grant.

All of the Medical Oncology Fellows had an abstract accepted for poster presentation during the University of Florida College of Medicine-Jacksonville Research Day 2013. Dr. Rana was involved in The Palliative Liaison Pilot Study (PAL-II) to improve patients' quality of life and collaboration with Mayo clinic. This clinical trial was a monumental success which led to the acceptance of poster presentation at The Fifth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved in San Diego, California.

Scholarly activity this past academic year has included three abstracts presented at UF Research Day, five published monographs and six journal articles published in peer reviewed journals.

LISTING OF FACULTY MEMBERS



Fauzia Rana, M.D., Associate Professor and Division Chief

Medical School / Graduation date	Fatima Jinnah Medical College	1982
Internship/residency and year	University of Rochester New York	1990
Subspecialty training and year	Dana Farber Deaconess Hospital/Harvard	1993



Naem Latif, M.D., Assistant Professor

Medical School / Graduation date	Ayub Medical College, Abbottabad, Pakistan	1993
Internship/residency and year	University of Pittsburgh Pennsylvania	2004
Subspecialty training and year	University of Florida Jacksonville	2010

**Dat Pham, M.D., Associate Professor**

Medical School / Graduation date	University of Florida Jacksonville	1997
Internship/residency and year	University of Florida Jacksonville	2000
Subspecialty training and year	University of Florida Jacksonville	2002

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

Medical School / Graduation date	University of St. Matthews	2003
Internship/residency and year	University of Florida Jacksonville	2007
Subspecialty training and year	University of Florida Jacksonville	2009

PUBLICATIONS

Khurram T, **Rana F**, **Latif N**. Efficacy of Neo-Adjuvant Cisplatin in Triple-Negative Breast Cancers: A Pilot Study. *Clinical Advances in Hematology & Oncology* Volume 11, Issue 6 June 2013; 1-5.

Colaco RJ, Huh S, Nichols RC, Morris CG, D'Agostino H, Flampouri S, Li Z, **Pham DC**, Bajwa AA. Dosimetric rationale and early experience at UFPTI of thoracic proton therapy and chemotherapy in limited-stage small cell lung cancer. *Acta Oncol*. 2013 Apr;52(3):506-13.
doi: 10.3109/0284186X.2013.769063. Epub 2013 Feb 26.

Hew JD, **Zaiden R**. University of Florida, Jacksonville. Secondary Cutaneous Diffuse Large B Cell Lymphoma Initially Described as a T Cell Histiocyte Rich B Cell Lymphoma. *Journal of Investigative Medicine*. Volume 61, Number 2, February 2013. 409.

Hoppe BS, Flampouri S, Lynch J, Slayton W, **Zaiden R**, Li Z, Mendenhall NP. Improving the therapeutic ratio in Hodgkin Lymphoma through the use of proton therapy. *Oncology (Williston Park)*. 2012 May; 26(5):456-9, 462-5.

Emani MK, **Zaiden R Jr**. Aseptic Meningitis: A Rare Side Effect of Cetuximab Therapy. *J Oncol Pharm Pract* 2012 May 23; 1-3.

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 Sep; 13(5):352-8. doi: 10.1016/j.clcc.2011.11.008. Epub 2012 Jan 20.

Monographs:

Zaiden, RA. Chief Editor: Dronen, SC. Hemophilia A. <http://emedicine.medscape.com/article/779322-overview>. Updated February 2013.

Zaiden, RA. Chief Editor: Dronen, SC, Jardine, LF. Hemophilia B. <http://emedicine.medscape.com/article/779434-overview>. Updated February 2013.

Palacio C, **Fauzia R**. Blast Crisis. In: BMJ Publishing Group Best Practice Website. (US product on epocrates.com) Updated 2013.

Palacio, C, **Fauzia R**. Blast Crisis. BMJ Publishing Group Best Practice Website. (International product on bestpractice.com) Updated 2013.

Zaiden R, Rana F. Monograph: Evaluation of Anemia. BMJ Best Practice. <https://online.epocrates.com> Updated September 2012.

Abstracts and presentations:

Nichols R Jr., Morris C, George T, **Zaiden R**, Asburn H, Awad,Z, Ho M, Huh S, Mendenhall N, Hoppe B. Early Outcomes for as Prospective Trial of Proton Therapy and Concomittant Capecitabine for Patients with Non Metastatic Unresectable Pancreatic Adenocarcinoma. Poster Presentation at: 47th Annual Meeting of the Pancreas Club, Orlando, FL. May 17, 2013.

Bambrah R. Breast Metastases from Previously Treated Malignant Melanoma in a Male. Poster Presentation at: UF College of Medicine Research Day, Jacksonville, FL. May 16, 2013.

Minocha V, **Rana F.** Diffuse Large B-Cell Lymphoma of the Lung in a 63-Year Old Man with Left Flank Pain (A Case Report and Literature Review). Poster Presentation at: UF College of Medicine Research Day, Jacksonville, FL. May 16, 2013.

Tai S. Copper Deficiency: A Unique Cause of Pancytopenia. Poster Presentation at: UF College of Medicine Research Day, Jacksonville, FL. May 16, 2013.

Shaikh M, **Rana F.** Renal Castleman Disease. Poster Presentation at: UF College of Medicine Research Day, May 16, 2013.

Zhou L. Acute Lymphoblastic Leukemia in a Jehovah's Witness: A Management Dilemma. Poster Presentation at: UF College of Medicine Research Day, Jacksonville, FL. May 16, 2013.

Latif N. Cumbersome Lymphoma: A Strange Neurologic Presentation of a Rare Lymphoma. Poster Presentation at: FL Chapter ACP 2013 Annual Associates Meeting, Orlando, FL. March 2013.

Latif N. Update on Multiple Myeloma. Oral Presentation at: University of Florida, Jacksonville, FL, Grand Rounds. February 20, 2013.

Latif N. Breast Cancer. Oral Presentation at: Brand New Woman Conference Sheraton Hotel, Jacksonville, FL. December 2012.

Rana F. Emerging trends in the Management of Breast Cancer. Oral Presentation at: Society of Surgeons of Pakistan, Lahore. November 20, 2012.

Rana F. Recent Advances in Diagnosis and Management of Breast Carcinoma. Oral Presentation at: Shalamar Medical & Dental College, Lahore, Pakistan. November 14, 2012.

Rana F. Treatment of Metastatic Breast Cancer. Oral Presentation at: Emirates Oncology Conference. Emirates Palace. Abu Dhabi, UAE. November 9, 2012.

Nichols R, Soon H, **Zaiden R.** Effect of protons on bone marrow and small-bowel exposure for patients receiving neoadjuvant radiotherapy for resectable cancer. J Clin Oncol. October 30, 2012 (supp 4; abstr 669).

Colon-Otero G, Lesperance M, **Rana F**, Shannon R, Sloan J, Mayo Clinic, Jacksonville, FL, University of Florida, Jacksonville, FL, Mayo Clinic, Rochester, MN. A nurse practitioner-directed palliative care intervention pilot trial in racially diverse. Poster Presentation at: Fifth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Diego, California, October 28, 2012 Abstract Number: A42.

Rana F. What Everyone Should Know About Breast Health. Oral Presentation at: Public Awareness Forum Omni Jacksonville Hotel, Jacksonville. FL. October 11, 2012.

Latif N. Management of Prostate Cancer. Oral Presentation at: Baptist Cancer Institute, Jacksonville, FL. September 2012.

Zaiden R. Familial Cancer Syndromes. Oral Presentation at: Internal Medicine Update Annual Meeting. Ponte Vedra Beach, FL. June 2012.

HONORS AND AWARDS

Dat Pham, M.D.	University of Florida Exemplary Teacher Award 2013
Fauzia Rana, M.D.	University of Florida Exemplary Teacher Award 2013
Naeem Latif, M.D.	University of Florida Exemplary Teacher Award 2013
Robert Zaiden, M.D.	University of Florida Exemplary Teacher Award 2013

CLINICAL ACTIVITIES

	AY 12/13
Inpatient Activity	
Numbers of Inpatient Admissions	567
Outpatient Activity	
Clinic Visits	7336

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor
Rana, F	Vaginal DHEA for Vaginal Symptoms: A Phase III Randomized, Double-blind, Placebo-controlled Trial	02/17/2009-12/31/2013	Mayo Clinic
Rana, F	Randomized Phase 3B Study of Three Treatment Regimens in Subjects with previously Untreated Multiple Myeloma Who Are Not Considered Candidates for High-Dose Chemotherapy and Autologous Stem Cell Transplantation: VELCADE® (Bortezomib), Thalidomide, and Dexamethasone (VTD) versus VELCADE® and Dexamethasone (VD) versus VELCADE®, Melphalan, and Prednisone (VMP)	05/14/2008-05/14/2014	Millennium Pharmaceutical
Rana, F	An Open Label Assessment of Safety and Efficacy of Ruzolitinib (INCB018424-258) in subjects with Primary Myelofibrosis	08/12-2011-08/12/2014	Incyte Corporation
Rana, F	A RDMZD. DLBD-BIND, PLACEBO CONTROLLED STUDY OF THE JAK INHIBITOR INCB018424-351 TABLE ADMIN ORALLY TO SUBJECTS WITH PRIMARY Myelofibrosis	09/04/2009-05/27/2015	Incyte Corporation
Rana, F	Studying Interventions for Managing Patients with Chronic Myeloid Leukemia in Chronic Phase: The 5-year Prospective Cohort Study (SIMPLICITY)	11/04/2012-11/30/2017	Bristol Myers Squibb Co.
Latif, N.	Randomized, open label, multicenter phase III study of Efficacy and Safety in Polycythemia vera subjects who are resistant to or intolerant of hydroxyurea: JAK iNhibitor INC424 tablets versus best available care (The RESPONSE Trial)	02/27/2012-02/27/2015	Parexel International Corp.
Rana, F	An Open Label Assessment of an Alternative Dosing Strategy of Ruzolitinib in Patients with Primary Myelofibrosis (18424-261)	02/06/2012-02/06/2015	Incyte Corporation
Pham, 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	04/23/2007-08/05/2016	Glaxo Smith Kline (GSK)
Rana, F	The Chronic Lymphocytic Leukemia Disease Registry	03/20/2011-03/20/2014	Celgene
Rana, F	Connect MM: The Multiple Myeloma Disease Registry	03/20/2011-03/20/2014	Celgene

DIVISION OF INFECTIOUS DISEASES
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

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

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

Members of the division also assume administrative and teaching roles in the ID division and IM activities. Dr. Michael Sands is the university ID Division Chief and ID Division Fellowship Program Director. Dr. Nilmarie Guzman is the Chair of Hospital Infection Control for ShandsJacksonville, the ID Fellowship Associate Program Director and Associate Program Director for the Core Internal Medicine Residency. Dr. Diana Mercado oversees fellow's research initiatives and is actively involved in Internal Medicine resident teaching and impaired adolescents clinics. Dr. Ivan Guerrero brings years of private ID consultation experience to his fellowship teaching.

Patient care:

University ID Division inpatient and hospital based activity: The division provides full time inpatient infectious diseases consultation throughout the ShandsJacksonville hospital system. During the 2012-2013 academic year, the division performed over 596 inpatient infectious diseases consultations with subsequent follow-up at Shands Hospital.

Outpatient services: The division offers outpatient ID consultation by referral at the Emerson and the Ambulatory Care Clinic (ACC) subspecialty clinics. During the 2012-2013 academic year there were over 678 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 clinical care and the availability of NIH funded research participation opportunities for the HIV/AIDS seen at the DCHD specialty clinics. During the 2012-2013 academic year, ID division physicians delivered or oversaw the care for over 1,600 HIV/AIDS patients 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 four Grand Rounds and two topical lecture at the Internal Medicine Annual Update.

Fellowship Training: The division maintains an ACGME accredited fellowship in infectious diseases with one fellow for each of the year clinical fellowship years. The fellowship program had an accreditation inspection during this past academic year and has been re-accredited on a five year cycle. The

fellowship training is unique in offering two months of clinical microbiology, dedicated research time, two months of training in solid organ transplantation ID at the Mayo Clinic, one month training in Pediatric Infectious Diseases at Wolfson Children's Hospital and one 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 diseases fellows continue distinguishing themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time infectious diseases 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 students rotate on the infectious diseases consultative service and the outpatient ID clinics at both the ACC and Emerson campuses.

ID Division Conference Schedule: The division maintained a full conferencing schedule with topics including: core infectious diseases 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 two 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: four abstracts presented at UF Research Day, five published ID monographs and seven journal articles published in peer reviewed journals.

LISTING OF FACULTY MEMBERS



Ivan Guerrero, M.D., Assistant Professor

Medical School / Graduation date	Universidad Nacional Mayor De San Marco, Peru	1991
Internship/residency and year	Metropolitan Hospital Center	1999
Subspecialty training and year	University of Florida College of Medicine-Jacksonville	2001



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

**Diana Mercado, M.D., Assistant Professor**

Medical School / Graduation date	University of the Philippines	2002
Internship/residency and year	Albert Einstein Medical Center	2008
Subspecialty training and year	Drexel University College of Medicine	2010

**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**

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.
 Nizar Maraqa, MD
 Ayeshia Mirza, MD

Duval County Health Department – Communicable Diseases Clinics

Wilfredo Sanchez, M.D.
 Jeffrey Lauer, M.D.

Microbiology Laboratories

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

PUBLICATIONS

Baker JV, Neuhaus J, Duprez D, Freiberg MN, Bernardino J1 and the SMART study group including Sands M. HIV replication, group including **Sands M.** HIV replication, inflammation and the effect of starting antiretroviral therapy on plasma asymmetric dimethylarginine, a novel marker of endothelial dysfunction. J Acquir Immune Defic Syndr. 2012;60:128-34. PMID 22421746.

Mocroft A, Neushusw J, Peters L, Ryom L, Bickel M and the INSIGHT SMART STUDY Group including **Sands M.** Hepatitis B and C co-infection are independent predictors of progressive kidney disease in HIV Positive, antiretroviral treated adults. PLoS One 2012;7:e40245. PMID 22911697

Duprez DA, Neuhaus J, Juller LH, Tracy R, Belloso W and the INSIGHT SMART Study group including **Sands M.** inflammation, coagulation and cardiovascular disease in HIV infected individuals. PLoS One 2012;7:e4454. PMID 22970224

Achhra AC, Amin J, Sabin C, Chu H, Dunn D, Kuller LH and the INSIGHT ESPRIT and SMART Study groups including **Sands M.** Reclassification of risk of death with the knowledge of D dimer in a cohort of treated HIV infected individuals. AIDS 2012;26:1707-17. PMID 22614887

Zetterberg E, Neuhaus J, Baker JV, Somboonwith C, Libre JM and the INSIGHT SMART Study Group including Sands M. Platelet count kinetics following interruption of antiretroviral treatment. *AIDS* 2013;27:59-68. PMID 23015440

Daweood FZ, Zkhan F, Roediger MP, Zhang ZM, Swaminathan S and the INSIGHT smart Study group including Sands M. Electorcardiographic spatial QRS-T angle and incident cardiovascular disease in HIV infected patients. *Am J Cardio* 2013, 111:118-124. PMID 23062314

Guzman N and multiple co-authors. Prevalence of Healthcare-Associated Infectious in Acute Care Hospitals in Jacksonville, FL. *Society of/Hospital Epidemiology of Amerca. Infect Control Hosp Epidemiol.* 2012; Mar;33(3):283-910. Epub 2012. Jan. 12

Monographs:

Mucormycosis. Palnitkar R, Sands M. *BMJ E-Pocrates* updated 2013; www.pointofcare.bmj.com.

Non-Cholera Vibrio infections. Sands M. *BMJ E-Pocrates* updated 2013; www.pointofcare.bmj.com.

Hantavirus infections. Sands M. *BMJ E-Pocrates* updated 2013; www.pointofcare.bmj.com.

Leptospirosis. Guzman, N. *BMJ E-Pocrates* updated 2013; www.pointofcare.bmj.com.

Coxiella. Guzman N. *BMJ E-Pocrates* updated 2013; www.pointofcare.bmj.com.

CLINICAL ACTIVITIES

	AY12/13
Inpatient activity	
Consults	596
Outpatient activity	
UF Travel Medicine	520
ID Consultation Clinic	678
DCHD HIV/AIDS patients	1600

GRANTS AND CONTRACTS

Principal Investigator	Study Title	Project Period	Sponsor
Sands, M	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>)	9/1/09-7/31/13	INSIGHT- NIH
Sands, M	START – Strategic timing of antiretroviral therapy – A multi-national study. NIH – INSITE network	12/1/10-ongoing	INSIGHT - NIH
Guzman, N	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)

DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2013 (7/12- 6/13)

Highlights

In the 2012 – 2013 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 DCI at the Gateway Unit has continued to expand the hemodialysis and peritoneal dialysis patient populations and services at that site. In education, the Nephrology fellowship continued to thrive and Dr. Andreea Poenariu took over as Assistant Program Director. She is also the Assistant Director and Coordinator for the Nephrology Research Laboratories. 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 2013, with grant support from Dialysis Clinics Inc. and visiting professors from the University of Miami VAMC and Georgia Regents University.

The Division recently welcomed new members Melissa Goalen, ARNP and Travis Long, PAC who are involved in outpatient dialysis patient care and nephrology clinics.

Dr. James presented his growth factor research work on diabetic nephropathy at the American Society of Nephrology meeting. Dr. Ashwani Gupta, with a clinical research interest in dialysis, has developed roles in three clinical dialysis research trials, i.e. two 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, with a focus on the role of Mechano-Growth Factor (MGF). Dr. Yongxin Gao recently joined the Nephrology Division as an Assistant Scientist in the Nephrology Research Laboratories, from her position in the Dept. of Pharmacology at the University of Florida.

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 2013 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 inpatient Shands Jacksonville 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 70 patients. The total chronic dialysis population cared for by UFCOM-J Nephrologists has reached approximately 300 patients and continues to grow. Dr. James and Dr. Gupta, both 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 Post-Renal Transplant Clinic, the Fellows' Continuity Clinics, the Correctional Facility Clinic, the HD Center, the PD Clinic, and fellow participation in an associated Vascular Access Clinic located in the Department 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 was split into two separate services: Acute Renal Disease Consults and the Chronic Dialysis Consults. These services continue to provide important educational platforms for fellows and medical residents. Dr. Gupta continued as Medical Director of Dialysis Services,

and has worked to continuously improve the dialysis services. Dr. Ronald Mars continued in his position as Quality Officer for the Division.

The Nephrology Division also continues to work with the Department of Surgery 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 Post-Renal Transplant Clinic continued to serve as another platform for education of the fellows and care of patients previously transplanted at this program.

Education: Dr. James, Associate Professor of Medicine and Assistant Program Director from 2011–2013, initiated the fellows' Renal Physiology Course in 2010, which continues as an important addition to the nephrology educational experience. The joint Renal Pathology conference with Mayo 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 2013 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 2014. Visiting professors Dr. Leopoldo Raij, Dr. Stanley Nahman and Dr. Anupam Agarwal 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. The Mayo Renal Transplant Rotation for UF-Jacksonville Nephrology Fellows continued successfully and complements the Nephrology training program at UF Health-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 & growth factor roles in diabetic renal disease, nondiabetic glomerular disease and renal transplant rejection.

An important accomplishment beyond the year's publications was the recruitment of Dr. Gao to work on basic research studies of diabetic and nondiabetic glomerular disease.

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, Inc. Dr. James' laboratory focuses on growth factors in the pathogenesis of diabetic nephropathy. Dr. Gupta's research primarily 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. He is also involved in studying the efficacy of different brands/types of hemodialysis catheters in the outpatient setting.

The Nephrology fellows 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 six publications, two abstracts, and five presentations during the academic year.

Special Initiatives:

Nephrology & Hypertension Yearly Update, Jacksonville, FL.: This year's meeting organized by the UFCOM-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. Gupta directs this important activity which helps to fulfill the ACGME – required competency requirements.

Nephrology Fellows' Patient Safety Project: This Fistula-First Project includes, but is not limited to fellow tracking of AV-fistula placement and outcomes from the time of referral to dialysis initiation and beyond. Goals include optimizing AVF function for initiation of dialysis and reduction of vascular access complications once dialysis has begun.

Simulation Laboratory Experience: The Nephrology fellows received Patient Safety Training in the Simulation Laboratory, and current plans include expansion to 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. Yongxin Gao, PhD was hired in June, 2013 as Assistant Scientist, Department of Medicine, from the University of Florida Dept. of Pharmacology. Dr. Gao is involved in research on diabetic and nondiabetic glomerular disease in the Nephrology Research Laboratories.

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

**Andreea Poenariu, M.D., Assistant Professor**

Medical School / Graduation date	University of Medicine & Pharmacy Victor Babes, Romania	1998
Internship/residency and year	New York Downtown Hospital, Cornell Affiliated	2010
Subspecialty training and year	Brown University	

**Yongxin Gao, M.D., Assistant Scientist**

Medical School/Graduation date	Jiamusi Institute of Medicine, China	1991
Postdoctoral training and year	Department of Pharmacology, University of Florida	2011

PUBLICATIONS

Heilig CW, Deb DK, Abdul A, Riaz H, **James LR**, Salameh J, Nahman Jr. NS. GLUT1 Regulation of the Pro-Sclerotic Mediators of Diabetic Nephropathy. *Am J Nephrol* 2013;38:39-49.

James LR, Le C, Doherty H, Kim H-S, Maeda N. Connective Tissue Growth Factor (CTGF) Expression Modulates Response to High Glucose. *PLoS One*. 2013 Aug 12;8(8):e70441.

Maggard R, Makary R, Monteiro CL, James LR. Acute Kidney Injury due to Crescentic Glomerulonephritis in a Patient with Polycystic Kidney Disease. *Case Rep Nephrol Urol*. 2013 Jul 11;3(2):99-104.

Gupta AK, Anand V, Narula S. "Subcutaneous versus intravenous erythropoietin for long-term dialysis patients (Protocol)." *Cochrane Database of Systematic Reviews* 2013, Issue 3.

Poenariu A. In: Ferri's Clinical Advisor 2014, Book Chapter: "Methanol and Ethylene Glycol Poisoning," In press.

Scarpace PJ, Matheny M, Kirichenko N, **Gao YX**, Tümer N, Zhang Y. Leptin overexpression in VTA trans-activates the hypothalamus whereas prolonged leptin action in either region cross-desensitizes. *Neuropharmacology*. 2013 Feb;65:90-100.

Abstracts:

Salahuddin M, Salameh J, Shamim Q, Monteiro C, **James LR**. Collapsing Variant FSGS with C3 deposition and Glomerular Basement Membrane thickening. *J. Invest Med* 61: 448, 2013.

Shamim Q, Salahuddin M, **James LR**. Pyridium-Induced Acute Renal Failure. *J. Invest Med* 61: 447, 2013

Presentations:

Heilig C. Angiotensin Blockade in Diabetic Nephropathy. Update in Nephrology and Hypertension symposium, 2013, Jacksonville, Florida.

Gupta A. Evaluation of the Patient with Nephrolithiasis. Update in Nephrology & Hypertension 2013 symposium, 2013, Jacksonville, Florida.

James LR. Update on HIV Associated Nephropathy. Update in Nephrology and Hypertension symposium, 2013, Jacksonville, Florida.

Mars, RM. Pathogenesis of Metabolic Bone Disease in Chronic Kidney Disease. Update in Nephrology and Hypertension symposium, 2013, Jacksonville, Florida.

Poenariu A. Evaluation of the Patient with Hematuria- Update in Nephrology and Hypertension symposium, 2013, Jacksonville, Florida.

HONORS AND AWARDS

Leighton James, M.D. Exemplary Teacher Award, UFCOM-J 2013

Charles Heilig, M.D. America's Top Physicians, Consumers' Research Council, 2013
Washington, D.C.

CLINICAL ACTIVITIES

Inpatient activity	AY 12/13
Initial Inpatient Encounters	802
Inpatient dialysis treatments	4056
Outpatient activity	
Clinic visits	2971
Outpatient dialysis visits (full month)	3233

CONTRACTS AND GRANTS

Principal Investigator	Title	Project period	Sponsor
Heilig, C	Roles of GLUT1 & Glucose in the Progression of Nondiabetic Glomerulosclerosis	2/12 – 2/15	Dialysis Clinics Inc.
Heilig, C	Update in Nephrology & Hypertension – 2013	4/13	Dialysis Clinics Inc .
Gupta, A	A Randomized, Placebo-Controlled, Parallel-Group, Double-Blind Study of H.P. Acthar® Gel (Acthar) in Treatment-Resistant Subjects with Persistent Proteinuria and Nephrotic Syndrome due to Idiopathic Membranous Nephropathy (iMN).	3/12-present	Questcor Pharmaceuticals
Gupta, A	A Multi-Center, Randomized, Controlled, Pivotal Study To Assess the Safety and Efficacy of A Selective CytoPheretic Device (SCD) In Patients with Acute Kidney Injury (AKI).	6/12-7/13	CytoPherx Inc.

DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has had continued growth with addition of Dr. Mariam Louis who will join the Division in November 2013 and Dr. Vandana Seeram who will join the Division in July 2013. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. Clinically we have expanded to initiate Bronchial Thermoplasty for refractory asthma, 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. The Faculty was involved as moderators for various sessions in Society of Critical Care Medicine and CHEST conferences. The fellows under the mentorship of faculty are engaged in a number of clinical studies. The division has had a number abstracts presented in national and international conferences and was represented in various regional meeting in the form of providing educational lectures.

Patient care: The 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.

Pulmonary Hypertension Clinic continues to be a regionally known referral center with patients being referred from regions all over the east coast. As member of Pulmonary Hypertension Association it continues to be a center of excellence. The clinic currently manages approximately 200 pulmonary hypertension patients. We are performing our own Right Heart catheterizations in our endoscopy suite.

Under Dr. Jones' supervision, the Interstitial Lung Disease and Sarcoidosis clinic continues to expand and is attracting clinical trials.

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. The division successfully initiated the lung cancer screening program which is currently the only comprehensive screening program available in Jacksonville.

The division, under the leadership of Drs. Bajwa and Jones, is continuing its efforts for an institution wide implementation of sepsis recognition and management protocol.

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 leadership roles in South East Thoracic Association affiliated with American Lung Association. The organization conducts state of the art educational conference twice per year (The Pulmonary Winter Course and the Tri-State Conference) which is well attended by participants from the region of Florida, Georgia and South Carolina.

The division continues to play an active role in educational core lecture series including Grand Rounds and Updates in Internal Medicine 2012-2013. 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. Drs. Cury, Bajwa and Shujaat were honored with the exemplary teacher award.

The pulmonary and critical care fellowship program, under the direction of Dr. Cury as Program Director, has been doing extremely well. The board pass rate is 100%. Dr. Shujaat continues to be the Assistant Program Director and, along with Dr. Cury, is responsible for coordinating the educational activities for the fellowship. The 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 has and continues to mentor and supervise family medicine residents from the Navy residency program during their rotation in medical intensive care unit and have always received a 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 the 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, UF clinical quality grant 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.

A dedicated clinical research coordinator (Minal Patel) which has enabled the division to participate in more hospital based clinical research protocols as well.

The faculty has had an increasing number of publications in peer review journals and a number of manuscripts 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., Associate 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

Manuscripts:

Cury JD, Blake K, Hossain J, Tantisira K, Wang J, Mougey E, Lima J. Methacholine PC20 in African Americans and whites with asthma with homozygous genotypes at ADRB2 codon 16. *Pulm Pharmacol Ther.* 2013 Jun;26(3):342-7.

Shujaat A, Bajwa AA, Usman F, Jones LM, Cury JD. Safety and accuracy of semi-rigid pleuroscopy performed by pulmonary fellows at a major university hospital: our initial experience. *J Bronch & Interven Pulmonol.* 2013 Jul;20(3):213-23

Shujaat A, Cury JD, Usman F, Bajwa, Bhatti, H. AA.Diagnostic yield of EBUS TBNA for the Evaluation of Centrally Located Peribronchial Pulmonary Lesions. *J Bronch & Interven Pulmonol.* 2013 Apr;20(2):107-12.

Usman F, Bajwa AA, Cury JD, Girdhar A, Bhatti H. Acute exacerbation of IPF – A Review. *Ann Thorac Med.* 2013; 8(2):71-77.

Shujaat A, Bajwa AA, Singh A. Evidence based management of hepatic hydrothorax. *Respiration.* 2013;86(2):155-73.

Bajwa AA, Silliman S, Cury JD, Seeram V, Shujaat A, Usman F, Samuel V. Characteristics and outcomes of cocaine related spontaneous intracerebral hemorrhages. *ISRN Neurology Volume 2013 (2013), Article ID 124390, 5* pages <http://dx.doi.org/10.1155/2013/124390>.

Bajwa AA, Colaco RJ, Huh S, Nichols RC, Morris CG, D'Agostino H, Flampouri S, Li Z, Pham DC, Hoppe BS. Dosimetric rationale and early experience at UFPTI of thoracic proton therapy and chemotherapy in limited-stage small cell lung cancer. *Acta Oncologica.* 2013 Apr;52(3):506-13.

Bajwa AA, De Jesus Perez, E. Rosenzweig, L.J. Rubin, D. Poch, M. Park, MD Jain, RC Bourge, K. Kudelko, E. Spiekerkoetter, A. Hsi, R.T. Zamanian. Transition from intravenous and subcutaneous prostanoid therapy to inhaled trepostinil in pulmonary arterial hypertension: a preliminary multicenter experience. *Am J Cardiol,* 2012 Nov 15;110(10):1546-50.

Shujaat A, Bajwa AA, Cury JD. Pulmonary Hypertension Secondary to COPD. *Pulm Med;* 2012:203952. Epub 2012 Aug 29.

Bajwa AA, Usman F, Girdhar A. Aspiration of capsule endoscope and successful bronchoscopic extraction. *AA. J Bronch & Interven Pulmonol.* 2012; 19(4): 328–331.

Bajwa AA, Cury JD, Usman F, Girdhar A. A rare cause of hypoxia in a patient with liver cirrhosis. *Resp Med Case Reports* 2012;6:5-6.

Bajwa AA, Hoppe BS, Flampouri S, Henderson RH, Pham D, 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 Sep;13(5):352-8

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 Dec;142(6):1669-74.

Presentations:

Shujaat A, Bajwa AA, Usman F, Jones LM, Cury JD. Pleural Effusion In HIV. American Thoracic Society, Philadelphia, PA 2013

Shujaat A, Usman F, Jones LM, Cury JD, Bajwa AA, Qureshi T. Comparison of baseline characteristics of pulmonary arterial hypertension patients that require combination therapy compared to those maintained on monotherapy. American College of Chest Physician 2013.

Shujaat A, Usman F, Jones LM, Cury JD, Bajwa AA. Diagnostic accuracy of echocardiography combined with chest CT in diagnosis of pulmonary hypertension. American College of Chest Physician 2013.

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

Shujaat A, Bajwa AA, Bellardini J, Jones LM, Usman F, Cury JD. Use of Pulmonary Arterial Hypertension Specific Therapy In Non-WHO Group 1 Pulmonary Hypertension. American Thoracic Society, Philadelphia, PA 2013

Shujaat A, Bajwa AA, Usman F, Jones LM, Cury JD. Safety And Accuracy Of Pleuroscopy Performed By Pulmonary Fellows In A Major University Hospital. American Thoracic Society, Philadelphia, PA 2013

Bajwa AA, McGee LA, Hoppe BS, Klassen C, Morris CG, Flampouri S, Pham D, D'Agostino H, Li Z, Nichols RC. Pulmonary Toxicity Following Proton Therapy for Patients with Non-Small Cell Lung Cancer. American Society of Radiation Oncology 2013.

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.	Exemplary Teacher Awards	2013
Abubakr A Bajwa M.D.	Exemplary Teacher Awards	2013
James D Cury M.D.	Exemplary Teacher Awards	2013

CLINICAL ACTIVITIES

	AY 12/13
Inpatient activity	
Initial IP Encounters	725
Outpatient activity	
Clinical Visits	4115
Procedures	
Bronchoscopies	715
Sleep Studies	809

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor
Bajwa, A	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
Bajwa, A	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
Bajwa, A	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
Bajwa, A	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
Bajwa, A	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
Bajwa, A	Non-Invasive cardiac output monitoring for evaluation of pulmonary hypertension.	11/17/11-11/17/12	Deans' Grant
Jones, L	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
Bajwa, A	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
Bajwa, A	Phase 3 study of efficacy and safety of Pirfenidone in idiopathic pulmonary fibrosis. (ASCEND).	9/20/11-10/14/13	Intermune
Bajwa, A	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
Bajwa, A	A 12-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.	12/2/09-1/22/11	United Therapeutics
Shujaat, A	IKARIA Protocol IK-7001-PAH-201 – A Phase 2, Placebo Controlled, Double-Blind, Randomized, Clinical Study to Determine Safety, Tolerability And Efficacy of Pulsed, Inhaled Nitric Oxide (iNO) Versus Placebo As Add-On Therapy in Symptomatic Subjects With Pulmonary Arterial Hypertension (PAH)	9/5/12-9/4/15	IKARIA
Cury, JD	A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or at increased risk for cardiovascular disease	1/7/13-1/7/16	Glaxo Smithkline
Cury, JD	A Randomized, Placebo-controlled, Double-blind, Parallel Group, Multi-Center Study to Assess the Safety and Efficacy of Tiotropium Bromide (18 µg) Delivered Via the HandiHaler® in Chronic Obstructive Pulmonary Disease (COPD) Subjects Recovering From Hospitalization for an Acute Exacerbation	10/22/12-10/21/15	Boehringer Ingelheim
Bajwa, A	Randomized, double-blind, placebo-controlled study of the safety, tolerability, pharmacokinetics and pharmacodynamics of ascending repeated doses of SAR156597 in patients with idiopathic pulmonary fibrosis (IPF) TDR11326	7/3/12-7/2/15	Sanofi-Aventis

DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2013 (7/12 - 6/13)

Highlights

The Division of Rheumatology and Clinical Immunology had a successful and productive academic year on multiple levels. Despite significant challenges, we have seen some of the fruits of our dedication to the University of Florida College of Medicine–Jacksonville (UFCOM-J) mission. We are grateful for the continued guidance of our leadership including the education deans as well as our chairman, Dr. Arshag Mooradian. The division had significant accomplishments in patient care, research, and education.

The division successfully graduated the first rheumatology fellow in June 2013, from its UFCOM-J Rheumatology Fellowship training program. The program continues with one fellow in each year. 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 fourth extremely successful CME musculoskeletal ultrasound sound training course. It was also successful in directing the American College of Rheumatology Intermediate ultrasound course, held at the Orthopedic Simulation Center in Chicago. It was attended by rheumatologists from all over the world.

Despite the reduction in faculty members, we maintained our growth and hard-work by maintaining our publications and outpatient visits, compared to the previous year. Our faculty members were featured in local, national and international professional meetings, served on expert advisory boards and as professional journal reviewers, 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 maintained its budget and is looking forward to a robust pipeline of pharmaceutical studies.

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: Despite faculty reduction, we were able to maintain our clinical volume and growth. 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 the very up to date rheumatology services and 24/7 consultations at Shands Jacksonville, the ambulatory care 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, musculoskeletal procedures under ultrasound guidance.

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 the graduation of Dr. Manish Relan as the first fellow in June 2013. Under the leadership of Dr. Kaeley and Dr. Pappa and under the direction of Graduate Medical Education office, the program continues to be strengthened. The recommendations of the ACGME site visit from June 2013 are awaited. It provides a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound.

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

The fourth Musculoskeletal Ultrasound Course in February 2013, was a great success. This was a 3-day CME hands-on training course that uniquely utilized our state of the art simulation laboratory at the UFCOM-J. Dr. Kaeley and Dr. Pappa organized the course as well as serving as faculty providing lectures and practical ultrasound instruction. The course was attended by rheumatology educators and fellows from 28 States. 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. The division also continues to be heavily involved with musculoskeletal ultrasound at the national level. Dr. Kaeley directed the intermediate ultrasound course at the Orthopedic Simulation Center in Chicago and has again proposed that the 2014 course be hosted in Jacksonville, FL. The division has also been deeply involved in musculoskeletal ultrasound advocacy by assisting the American College of Rheumatology, and Florida Society of Rheumatology coordinate efforts to interact with Medicare representatives.

Elearning is an entrepreneur unique project that was pioneered by Dr. Kaeley and Dr. Pappa. 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. This is now being developed as a blended learning project for the Rheumatology fellows as well as rotating internal medicine residents.

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



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

Girish G, Melville DM, **Kaeley GS**, Brandon CJ, Goyal JR, Jacobson JA, Jamadar DA. Imaging appearances in gout. Arthritis. 2013;2013:673401.

Kaeley GS, D'Agostino MA, Grassi W, Ostergaard M, Olivieri I. GRAPPA 2011: Proceedings from the Ultrasound Imaging Module. J Rheumatol. Nov 2012;39(11):2211-2213.

Kaeley GS, Evaluation of Seronegative Arthritis. BMJ Point-of-Care ; www.pointofcare.bmj.com (Revised December 2012:<https://online.epocrates.com/u/29111057/Evaluation+of+seronegative+arthritis>)

Kaeley GS, Cryoglobulinemia. BMJ Point-of-Care; www.pointofcare.bmj.com. (Revised December 2012: <https://online.epocrates.com/u/2911870/Cryoglobulinemia>)

Kaeley GS Medimage Cases: Monitoring Established RA That Is Responding Well to Initial DMARD Therapy. November 2012. (<http://mic.projectsinknowledge.com/rheumatology/rheumatology/MedImage-Cases-Rheumatoid-ArthritisCase-7.cfm?jn=2084.07#reference0>).

Kaeley GS Medimage Cases: Early RA with Severe Disease Activity. November 2012. (<http://mic.projectsinknowledge.com/rheumatology/rheumatology/MedImage-Cases-Rheumatoid-ArthritisCase-5.cfm?jn=2084.05#reference0>).

Activities, Presentations and Abstracts:

Ramrattan L, **Kaeley GS**. Ultrasound Characteristics of Metacarpophalangeal Extensor Tendons in Rheumatoid Arthritis. Presented at Research Day, University of Florida College of Medicine, Jacksonville, May 2013.

Jalandhara P, Relan M, Pappa C, Kaeley GS. Use Of An Objective Measure Of Rheumatoid Arthritis Activity To Improve Disease Control. Presented at Research Day, University of Florida College of Medicine, Jacksonville, May 2013.

Jalandhara P, Relan M, Reimschissel T, Pappa C, Kaeley GS. Think Before Snorting It. Presented at Research Day, University of Florida College of Medicine, Jacksonville, and May 2013.

Relan M, Jalandhara P, Pappa C, Kaeley GS. Sonography Improves Diagnosis Of Gout In Atypical Locations. Presented at Research Day, University of Florida College of Medicine, Jacksonville, May 2013.

Kaeley GS Shoulder - Review of standard scans. Canadian Rheumatology Ultrasound Society Meeting. McMasters University, Hamilton, ON. May 2013.

Kaeley GS Ultrasonographically guided joint injections in Rheumatology. Canadian Rheumatology Ultrasound Society Meeting. McMasters University, Hamilton, ON. May 2013.

Kaeley GS Invited faculty for hands on instruction - Canadian Rheumatology Ultrasound Society Meeting. McMasters University, Hamilton, ON. May 2013.

Kaeley GS Invited faculty for hands on instruction - Canadian Rheumatology Ultrasound Society Fellows Course. University of Toronto, Toronto, ON. May 2013.

Pappa C. "Let's talk about pain Internal Medicine Grand Rounds, UFCOM-J March 2013

Kaeley GS Sonography of the shoulder - sonoanatomy and sonopathology. 20th Annual Antonio Reginato Musculoskeletal Ultrasound Course for Rheumatologists. Philadelphia, Pennsylvania. April 2013.

Kaeley GS Sonography of Rheumatoid Arthritis. 20th Annual Antonio Reginato Musculoskeletal Ultrasound Course for Rheumatologists. Philadelphia, Pennsylvania. April 2013.

Kaeley GS Invited faculty for hands on instruction - 20th Annual Antonio Reginato Musculoskeletal Ultrasound Course for Rheumatologists. Philadelphia, Pennsylvania. April 2013.

- Kaeley GS** Indications for Ultrasound Guided Injections in Rheumatology Practice. 2013 Annual Meeting of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** The Diagnostic Utility of Musculoskeletal Ultrasound in Rheumatology. 2013 Annual Meeting of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** Basic sonographic scanning of the knee. Musculoskeletal Ultrasound workshop of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** Introduction to sonographic assesment of the hand and wrist. Musculoskeletal Ultrasound workshop of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** Introduction to the Basics of Musculokeletal Ultrasound. Musculoskeletal Ultrasound workshop of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** Invited Faculty for hands on instruction at the Inaugral Musculoskeletal Ultrasound workshop of the South Carolina Rheumatism Society. Charleston, South Carolina. April 2013.
- Kaeley GS** The Shoulder. Standard scans, sonographic anatomy, and basic sonographic pathology. American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists -Fundamentals. Chicago, Illinois. April 2013.
- Kaeley GS** Invited faculty for hands on instruction - American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists-Fundamentals. Chicago, Illinois. April 2013.
- Kaeley GS** Sonography of Spondyloarthritis: Focus on Enthesitis. Invited visiting professor grandrounds at the University of Pittsburgh Medical Grandrounds. March 2013.
- Kaeley GS** Sonography of the shoulder - normal scans and sonoanatomy. New York University Musculoskeletal Ultrasound Course, New York, NY. March 2013.
- Kaeley GS** Invited faculty for hands on instruction - New York University Musculoskeletal Ultrasound Course, New York, NY. March 2013.
- Kaeley GS** Sonography of the Shoulder - normal scans and sonopathology. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida College of Medicine, and Jacksonville course in partnership with the American College of Rheumatology and USSONAR. Jacksonville, FL. Feb 2013.
- Kaeley GS** Ultrasonography of Inflammatory Arthritis. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida College of Medicine, Jacksonville course in partnership with the American College of Rheumatology and USSONAR. Jacksonville, FL. Feb 2013.
- Kaeley GS** Ultrasonography of Crystalline Arthropathy. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida College of Medicine, Jacksonville, course in partnership with the American College of Rheumatology and USSONAR. Jacksonville, FL. Feb 2013.
- Kaeley GS** Faculty for hands on instruction in workshops and cadaveric injection guidance sessions - Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida College of Medicine, Jacksonville course in partnership with the American College of Rheumatology and USSONAR. Jacksonville, FL. Feb 2013.
- Pappa C** Sonography of the knee University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR, February 2013
- Pappa C** Faculty for hands on instruction in workshops and cadaveric injection guidance sessions - Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida College of Medicine, Jacksonville course in partnership with the American College of Rheumatology and USSONAR. Jacksonville, FL. Feb 2013.
- Kaeley GS** Ultrasound of the Foot and Ankle. First National Musculoskeletal Ultrasound Course, Sanjay Gandhii Post Graduate Institute of Medical Sciences, Lucknow, India. December 2012.

Kaeley GS Sonography of the Shoulder. First National Musculoskeletal Ultrasound Course, Sanjay Gandhii Post Graduate Institute of Medical Sciences, Lucknow, India. December 2012.

Kaeley GS Ultrasound of the Elbow. First National Musculoskeletal Ultrasound Course, Sanjay Gandhii Post Graduate Institute of Medical Sciences, Lucknow, India. December 2012.

Kaeley GS Introduction to Musculoskeletal Ultrasound. First National Musculoskeletal Ultrasound Course, Sanjay Gandhii Post Graduate Institute of Medical Sciences, Lucknow, India. December 2012.

Kaeley GS Invited faculty for hands on instruction - First National Musculoskeletal Ultrasound Course, Sanjay Gandhii Post Graduate Institute of Medical Sciences, Lucknow, India. December 2012.

Kaeley GS Sonographic assesment of Spondyloarthritis Workshop. SPARTAN-GRAPPA Educational Symposium, Houston, Texas, December 2012. (SPARTAN - Spondyloarthritis Research and Treatment Network)

Torallba KD, Higgs JB, Cannella AC, **Kaeley GS**. From Novice to Expert: Competency Milestones for Musculoskeletal Ultrasound. Oral poster presentation at the American College of Rheumatology National Scientific Meeting, November 2012, Washington DC.

Kissin EY, Grayson PC, Cannella AC, Evangelisto AM, Goyal JR, Haj RA, Higgs JB, Malone DB, Nishio MJ, Tabechian D and **Kaeley GS**. Musculoskeletal Ultrasound Objective Structured Clinical Examination: An Assessment of the Test. Oral poster presentation at the American College of Rheumatology National Scientific Meeting, November 2012, Washington DC.

Kaeley GS Sonography of the shoulder. American College of Rheumatology ultrasound course, Washington DC. November 2012.

Kaeley GS Invited faculty for hands on instruction - American College of Rheumatology ultrasound course, Washington DC. November 2012.

Kaeley GS Faculty Musculoskeletal Ultrasound Workshop at American College of Rheumatology annual meeting. Washington DC. November 2012.

Kaeley GS Sonographic assesment of Spondyloarthritis Workshop. SPARTAN-GRAPPA Educational Symposium, Dallas, Texas, October 2012. (SPARTAN - Spondyloarthritis Research and Treatment Network)

Kaeley GS Recent Advances in the Sonographic Imaging of Spondyloarthropathy. Asociacion De Reumatologos De Puerto Rico Annual Meeting, Dorado, Puerto Rico, October 2012.

Kaeley GS Sonographic assesment of Spondyloarthritis Workshop. SPARTAN-GRAPPA Educational Symposium, Portland, Oregon, July 2012, (SPARTAN - Spondyloarthritis Research and Treatment Network)

Kaeley GS Sonography of the foot and ankle: anatomy and pathology. Clinical Applications of Musculoskeletal Ultrasound Conference, Ohio State University, Columbus, Ohio. July 2012.

Kaeley GS Ultrasound of the Hip. Florida Society of Rheumatology Ultrasound Course. Orlando, FL. July 2012.

Kaeley GS Ultrasound of the Foot and Ankle. Florida Society of Rheumatology Ultrasound Course. Orlando, FL. July 2012.

Kaeley GS Introduction to ultrasound and tissue characterization. Florida Society of Rheumatology Ultrasound Course. Orlando, FL. July 2012.

CLINICAL ACTIVITIES

	FY 12/13
Inpatient Activity	
Initial IP Encounters	63
Outpatient Activity	
Clinic Visits	3717
US, extremity, nonvascular	723
US Guidance for Needle Placement	125

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor
Kaeley, G	A Long-term Assessment of the Safety of the Efficacy of AMG 827 Subcutaneous Treatment in Subjects with Rheumatoid Arthritis	2010- 9/2012	Amgen, Inc
Kaeley, G	A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Etanercept in Subjects With Moderately Active Rheumatoid Arthritis Despite DMARD Therapy	2011-present	Amgen, Inc
Kaeley, G	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	2010-2012	Abbott Laboratories
Kaeley, G	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	2011-2/2013	Abbott Laboratories
Pappa, C	A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Subcutaneous LY2127399 in Patients with Systemic Lupus Erythematosus (SLE)	2011-5/2013	Eli Lilly & Company
Pappa, C	The Corrona Data Collection Program	2011-5/2013	Consortium Rheumatology Research
Mitri, G	A Randomised, Double-blind, Placebo-controlled, Multicentre, Prospective Dose-finding Phase II/III study with Atacicept given Subcutaneously to Subjects Having Recently Experienced a flare of Systemic lupus erythematosus	9/2009-7/2012	EMD Serono
Mitri, G	A Two-Stage Prospective Observational Cohort Study in Scleroderma Patients to Evaluate Screening Tests and the Incidence of Pulmonary Arterial Hypertension and Pulmonary Hypertension	9/2009-11/2012	Actelion Pharmaceuticals
Mitri, G	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	6/2010-6/2013	Bristol Myers Squibb



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**DEPARTMENT OF MEDICINE
ANNUAL FACULTY MEETING
JUNE 2013**