TABLE OF CONTENTS
ACADEMIC YEAR 2015 (7/14 – 6/15)

I. Statement from the Chairman

II. Department Organizational Overview
   a. Administration
   b. Division Chiefs
   c. Residents/Fellows

III. Graduate Medical Education
   a. Internal Medicine Residency Training Program
   b. Subspecialty Fellowship Programs
   c. Student Education Programs

IV. Department Research

V. Individual Divisions
   a. Cardiology
   b. Endocrinology, Diabetes and Metabolism
   c. Gastroenterology
   d. General Internal Medicine
   e. Hematology and Medical Oncology
   f. Infectious Diseases
   g. Nephrology and Hypertension
   h. Pulmonary, Critical Care and Sleep Medicine
   i. Rheumatology and Clinical Immunology

Department of Medicine
University of Florida
College of Medicine–Jacksonville
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Jacksonville FL 32209
904-244-8846
www.hscj.ufl.edu/medicine/
Statement from the Chairman  
Academic Year 2015 (7/14 - 6/15)

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 2014 through June 2015. The Department once again has excelled in every aspect of the academic mission. The following is a brief description of the departmental accomplishments for the past year.

Patient care: The clinical volumes in all subspecialties remained strong. Five subspecialties initiated patient care activities in the North side campus. The clinical excellence of the faculty was coupled with continued improvements in clinical operations. The lag time for access to clinics improved and the no show rates were decreased. These improvements helped to enhance the patient satisfaction scores and staff morale.

Education: There were 14 faculty members in the Department who received the Exemplary Teacher Award. The scholarly productivity of the house staff remains high and one third of presentations of the Annual Research Day were made by the residents and fellows within the Department. Continuing Medical Education (CME) initiatives were offered by several Divisions within the Department including a highly successful Internal Medicine review symposium, annual Nephrology symposium and musculo-skeletal ultrasound course.

Research: There were a total of 87 peer reviewed publications, 8 book chapters and 14 monographs authored by faculty members. Faculty made 141 national and regional presentations. During the academic year 2015, we saw doubling of extramural research funding within the Department.

Overall, the Department continues to excel in its mission of educating students and residents and faculty has maintained their scholarly productivity. Once again, 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
Organizational Overview

DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2015 (7/14 - 6/15)

Arshag D. Mooradian, M.D.
Chairman, Department of Medicine

Linda R. Edwards, M.D.
Associate Chair, Department of Medicine

James Scolapio, 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 Associate Director, Medical Student Clerkship

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

Cristian Landa, M.D.
Director, Medical Student Clerkship

Michael Haas, Ph.D.
Director of Research

Ronald Stone, M.B.A., R.D.
Administrator

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**
Jason Bellardini, MD  
Jean Touchan, MD

**Housestaff I**
Firas Baidoun, MD  
W. Russell Cullinan, DO  
Khadeeja Esmail, MD  
Maedeh Ganji, MD, MBA  
Joseph Geffen, DO, MPH  
Rommy Issa, MD  
Francois Jo-Hoy, MD  
Ozdemir Kanar, MD  
Ryan Kunjal, MD  
Leslie Lester, DO  
Reem Louli, MD  
Matthew McDiarmid, DO  
Omar Moore, MD  
W. James Plante II, MD  
Lauren Stemboroski, DO  
Omar Tolaymat, MD  
Jeffrey Winder, DO

**Housestaff II**
Robert Ali, MD, MPH  
Farah Al-Saffar, MD  
Candice Baldeo, MD  
Martin Cerda, DO  
Sana Chaudry, DO  
Melissa Dakkak, DO  
Ena Gupta, MD, MPH  
Abdulwahab Hritani, MD  
Roshan Lala, MD  
Nimeh Najjar, MD  
Rahman Nakshabendi, MD  
William Taylor Palfrey, MD  
Joshua Samuel, MD  
Daisy Torres-Miranda, MD

**Housestaff III**
Tracy Ashby, DO  
Amit Babbar, MD  
Sharica Brookins, MD  
Bilquis Gave, MD  
Saif Ibrahim, MD  
Kaitlin McCurdy, MD  
Vinay Minocha, MD  
Bashar Mourad, DO  
Jesse Onyenekwe, MD  
Kavita Pal, MD  
Dhruv Panchal, MD  
Virin Ramoutar, MD  
Khurram Tariq, MD  
Sam Thomas, MD

**Medical School**
American University of Antigua College of Medicine  
Aleppo University Faculty of Medicine

**Medical School**
University of Aleppo Faculty of Medicine  
William Carey University College of Osteopathic Medicine  
Ross University School of Medicine  
St. Matthew's University School of Medicine (Grand Cayman)  
Nova Southeastern University College of Osteopathic Medicine  
Ross University School of Medicine  
University of the West Indies School of Medicine, Trinidad & Tobago  
Ross University School of Medicine  
University of the West Indies School of Medicine, Trinidad & Tobago  
Kansas City University of Medicine College of Osteopathic Medicine  
University of Aleppo Faculty of Medicine  
Nova Southeastern University College of Osteopathic Medicine  
University of Florida College of Medicine  
Medical University of the Americas (Nevis)  
Lake Erie College of Osteopathic Medicine  
FIU Herbert Wertheim College of Medicine  
Lake Erie College of Osteopathic Medicine

**Medical School**
University of the West Indies School of Medicine, Trinidad & Tobago  
Al-Nahrain University College of Medicine  
University of the West Indies School of Medicine, Trinidad & Tobago  
Touro University College of Osteopathic Medicine  
Ross University School of Medicine  
Philadelphia College of Osteopathic Medicine  
Lady Hardinge Medical College  
Aleppo University Faculty of Medicine  
St. George's University School of Medicine  
Ross University School of Medicine  
Hamdard College of Medicine & Dentistry  
Ross University School of Medicine  
St. George's University School of Medicine  
Ponce School of Medicine

**Medical School**
Debushk College of Osteopathic Medicine  
St. George's University School of Medicine  
Meharry Medical College  
Ross University School of Medicine  
Al-Nahrain University College 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  
University of the West Indies School of Medicine, Trinidad & Tobago  
St. George's University School of Medicine  
St. George's University School of Medicine
Subspecialty Fellowship Programs
Cardiac Electrophysiology
Cardiology
Endocrinology
Gastroenterology
Interventional Cardiology
Infectious Disease
Medical Oncology
Nephrology
Pulmonary Critical Care
Rheumatology

Program Director
Steven Hsu, MD
Gladys Velarde, MD
Kent Wehmeier, MD
James Scolapio, MD
Ted Bass, MD
Michael Sands, MD
Dat Pham, MD
Charles Heilig, MD
J. Davis Cury, MD
Gurjit Kaeley, MD

Subspecialty Fellow – Housestaff IV
Rabie Adam-Eldien, MD - Nephrology
Ronald Brown II, MD - Gastroenterology
Ayham Chamseddin, MD - Endocrinology
Naila Choudhary, MD - Cardiology
Matthew Clark, MD - Gastroenterology
Danisha Figueroa, MD – Infectious Disease
Amit Gupta, MD - Cardiology
Adey Hasan, MD - Nephrology
Garry McCulloch, MD - Cardiology
Jason Hew, MD – Medical Oncology
Ke Ng, MD – Medical Oncology
Nahiket Patel, MD - Cardiology
Monica Plazarte, DO - Endocrinology
Avinash Ramdass, MD - Pulmonary Critical Care
Kasey Treger, DO - Pulmonary Critical Care
Sidra Younus, MD - Nephrology

Medical School
University of Khartoum Faculty of Medicine
University of Louisville School of Medicine
University of Damascus Faculty of Medicine
Punjab Medical College
St. Matthew's University School of Medicine (Belize)
New York Medical College
University of the West Indies School of Medicine, Jamaica
St. Matthews University School of Medicine
University of Kentucky College of Medicine
Rosalind Franklin University of Medicine & Science
Philadelphia College of Osteopathic Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
College of Osteopathic Medicine of the Pacific
Shifa College of Medicine

Subspecialty Fellow – Housestaff V
Nicholas Agresti, MD - Gastroenterology
Nader Bahri, MD - Nephrology
Khyati Baxi, MD - Cardiology
Juan Blum-Guzman, MD - Gastroenterology
Valeria Duarte, MD - Cardiology
Madhu Emani, MD – Medical Oncology
Muhammad Faisal, MD – Pulmonary Critical Care
Gabriel Faz, MD - Cardiology
Sahil Garg, MD - Nephrology
Carmen Isache, MD – Infectious Disease
William Kurban, MD - Endocrinology
Phuoc Ngo, MD - Cardiology
Asuka Ozaki, DO - Cardiology
Laurie Ramrattan, MD - Rheumatology
Harshit Shah, MD - Endocrinology
Furqan Siddiqi, MD - Pulmonary Critical Care
Estela Thano, DO - Cardiology

Medical School
American University of the Caribbean School of Medicine
Qazvin University of Medical Sciences
University of South Carolina School of Medicine
Universidad Catolica de Santiago de Guayaquil
Universidad Favaloro Facultad de Ciencias Medicas
Bangalore Medical College
Dow Medical College
University of Texas Medical School at Houston
Maulana Azad Medical College
University of Aleppo Faculty of Medicine
University of Oklahoma College of Medicine
Texas College of Osteopathic Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
Pramukhswami Medical College
Sindh Medical University
Lake Erie College of Osteopathic Medicine

Subspecialty Fellow – Housestaff VI
Charles Bennin, MD - Cardiology
Angel Chan, MD - Cardiology
Linda Engwenyu, MD - Cardiology
Jacinta Green, MD - Cardiology
Suja Jayal, MD - Gastroenterology
Wassim Jawad, MD - Cardiology
Ann Lee, MD - Gastroenterology
Vinoo Ramsaran, MD – Pulmonary Critical Care
Amita Singh, MD – Pulmonary Critical Care
Kamaldeep Singh, DO - Cardiology

Medical School
UMDNJ-New Jersey Medical School
University of Illinois College of Medicine
Brown University School of Medicine
University of Oklahoma College of Medicine
University of Chicago Medical School
University at Buffalo School of Medicine
SUNY at Downstate - Brooklyn College of Medicine
St. George's University School of Medicine
University of Oklahoma College of Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
M.P. Shah Medical College
Nova Southeastern College of Osteopathic Medicine
**Subspecialty Fellow – Housestaff VII**
Pedro Cox-Alomar, MD - Interventional Cardiology
Michael Seawell, MD - Interventional Cardiology

**Medical School**
Universidad Central del Caribe School of Medicine
University of Texas Medical School at San Antonio
Highlights

The office of Graduate Medical Education (GME) had another successful year of program maturation and leadership development. The year was highlighted by high quality scholarly work by resident physicians, as well as a remarkable increase in the numbers of presentations and publications by the House Staff. The 2015 Match was also very successful for the upcoming intern class, and our graduates had similar successes in attaining fellowship training opportunities for the next academic year. Areas such as Quality Improvement, Patient Safety, disparities in health care delivery, and transitions in care were just some of the subjects of focus for the training programs. The following report will detail some of the academic highlights over the past year.

As with years past, the residency program continues to enjoy success in the ABIM pass rate. Considered a major barometer to the academic success of any residency program, this remains a focus for the core program as well as the fellowships. The ABIM routinely monitors and reports the three year rolling average of all programs in the country. The core program is proud to report that the three year rolling average for its graduates is 91%, with is 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 of the trainees have put into board preparation as well as the teaching contributions from the faculty.

As previously mentioned, the graduating residents of 2015 were able to land a number of high quality fellowships. Most of the residents who applied to residency were successful in getting into the fellowships of their choice. Nine of our graduates have gone on to programs in various specialties, including infectious disease, nephrology, cardiology, pulmonary/critical care, and hematology/oncology. As in years past, half of our future fellowship trainees are staying here, while the other half are studying abroad at programs such as Medical College of Georgia, Henry Ford, Vanderbilt, University of Kentucky, University of Virginia, and New York. Three graduates pursued their interest in Hospital Medicine, and we were lucky enough to keep two strong leaders as chief residents.

This year’s chief residents continued to meet the high standard that we become accustomed to having lead our program. Drs. Bellardini and Touchan were on the front lines teaching high quality morning report conferences, running ward services, urgent care clinic, simulation training sessions, and medical student teaching sessions. Their leadership and teaching will make or break an academic year, and this year’s accomplishments are a direct reflection of their efforts. Dr. Guzman continues to mature in her role as Associate Program Director. Assigned to the daunting task of creating, maintaining and updating curriculum, she is now is directly responsible for the didactics that or residents receive. New in this area is the addition of a “High Yield Board Topics” lecture series that is designed to prepare residents for their future ABIM exam. In its second year, it remains some of our most popular lecture series for our trainees. The program has also benefited from the continued advancement and leadership of Dr. Palacio. His creativity has resulted in a number of new experiences which the trainees have benefited from, including working at the Sulzbacher Center. Although he continues to be successful with scholarship as well as clerkship, he has the newly added role as chair of the Clinical Competency Committee. Dr. Palacio has continued to work as Chair of the Clinical Competency Committee, an assembly charged with the important task of assessing resident’s performance and advancement to eventual goal of independent practice.

The Department of Medicine was successful again in receiving several Exemplary Teacher Awards. This year’s 14 recipients are as follows: Dominick J. Angiolillo, Abubakr A. Bajwa, James D. Cury, Nilmarie Guzman, Michael J. Haas, Alan K. Halperin, Jeffrey G. House, Cristian O. Landa, Ghania F. Masri, Diana I. Mercado, Juan C. Munoz, Carlos Palacio, M.D., Michael L. Sands, and Vandana Seeram. About 28% of platform and poster presentations of fellows and residents were made by the members of the Department and 14 posters (out
of 41) were presented by our faculty and postdoctoral associates. Of the platform presentations Dr. Kaitlin McCurdy was the fourth place prize winner and Dr. Saif Ibrahim received the 6th place prize. Among the poster presentations cardiology fellows Dr. Lydia Engwenyu was the 1st place prize winner and Dr. Kamaldeep Singh received the 2nd place prize. The residents continue to work tirelessly on abstract presentations for local, regional and national platforms. Residents continue to gravitate toward high quality conferences, including the Duval County Medical Society, Florida Chapter American College of Physicians Meetings (both spring and fall), American Federation for Medical Research Southern Regional Meeting, Southern Hospital Medicine Conference, CHEST Annual Meeting, Digestive Disease Week, and the American College of Gastroenterology Annual Meeting. Residents continue to impress in sheer volume of scholarly endeavors, producing greater than 100 presentations, publications, abstracts, and grants. Presentations alone more than doubled any efforts from years past. This eclipses the previous academic year, which had previously been the highest mark to date.

Subspecialty Fellowship Programs: The fellowship programs continue to have success, and many of their individual accomplishments are detailed in their division reports. Of note, most programs are now stable with an Assistant Program Director, to assist with the ever increasing ACGME requirements. These additions help stabilize programs and relieve the stress for Program Directors, Program Administrators, and trainees. Most programs were successful in the MSMP match, and in fact had the fewest number of trainees that they’ve had to scramble for in several years. Fellowship programs continue to work toward innovative strategies for teaching, research, recruitment, and even expansion.

Student Education: Dr. Cristian Landa and Dr. Carlos Palacio continued to promote student education within the department. Students consistently rated the inpatient internal medicine experience as one of high quality and a great learning environment. On the outpatient setting, students had more exposure to IM subspecialties, which were also very well received. There was a very high demand from visiting medical students for rotations on this campus and this past year had the highest number of external students than any preceding year. Visiting students rotated on internal medicine, inpatient cardiology, MICU, endocrinology, infectious disease, and nephrology. These students enjoyed the learning environment so much, that the intern class for the subsequent academic year was largely made from students that rotated on this campus.

### LISTING OF PROGRAM LEADERSHIP

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

<table>
<thead>
<tr>
<th>Medical School / Graduation date</th>
<th>Nova Southeastern University</th>
<th>1997</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotating Internship</td>
<td>Broward General Hospital</td>
<td>1998</td>
</tr>
<tr>
<td>Internship/residency and year</td>
<td>University of Florida Jacksonville</td>
<td>2001</td>
</tr>
</tbody>
</table>

**Carlos Palacio, MD, Associate Professor, Associate Program Director and Associate Clerkship Director**

<table>
<thead>
<tr>
<th>Medical School / Graduation date</th>
<th>University of Miami</th>
<th>1993</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship/residency and year</td>
<td>University of Florida Jacksonville</td>
<td>1996</td>
</tr>
<tr>
<td>Chief Medical Resident</td>
<td>University of Florida Jacksonville</td>
<td>1997</td>
</tr>
<tr>
<td>Name</td>
<td>Position and Role</td>
<td>Medical School / Graduation date</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td><strong>Nilmarie Guzman, MD</strong></td>
<td>Assistant Professor and Associate Program Director</td>
<td>Ponce School of Medicine 1996</td>
</tr>
<tr>
<td><strong>Cristian O. Landa, MD</strong></td>
<td>Assistant Professor and Student Clerkship Director</td>
<td>Ross University School of Medicine 2009</td>
</tr>
<tr>
<td><strong>Jason A. Bellardini, MD</strong></td>
<td>Post-doctoral Associate and Chief Medical Resident</td>
<td>American University of Antigua 2011</td>
</tr>
<tr>
<td><strong>Jean N. Touchan, MD</strong></td>
<td>Post-doctoral Associate and Chief Medical Resident</td>
<td>University of Aleppo 2010</td>
</tr>
</tbody>
</table>
PUBLICATIONS

Sorted by category (published manuscripts, published abstracts, presentations and grants), and by year within each category. Residents are underlined.

Published manuscripts


**Published abstracts**


Samuel J. Primary Leiomyosarcoma of inferior vena cava extending into the right atrium and ventricle. J Invest Med. 2015;63(2):310


Hritani A, Baidoun F, Poenariu A. Multiple bilateral kidney infarcts as initial presentation of paroxysmal atrial fibrillation. J Invest Med. 2015;63(2):54


Hritani A, Baidoun F, Poenariu A. Multiple bilateral kidney infarcts as initial presentation of paroxysmal atrial fibrillation. J Invest Med. 2015;63(2):54


**Presentations**

Al-Saffar F. Effect of positive end-expiratory pressure (peep) on development of upper extremity deep venous thrombosis in mechanically-ventilated medical intensive care (ICU) patients. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

Al-Saffar F. Building a scoring model to predict the risk of endovascular device infection in patients with staphylococcus aureus bacteremia: results from (predict-sab) study. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

Al-Saffar F. Unanticipated metastatic melanoma concealed in shingles. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

Babbar A. Rare presentation of a parathyroid carcinoma associated with brown tumors. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.


Gupta E. A unique case of bronchial carcinoid mimicking as asthma. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.


Hritani A. Adderall xr and peripheral arterial vasculopathy: a review of the literature and a case report. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.


Ibrahim S. Controlling atrial fibrillation by atrial flutter ablation in the presence of la enlargement: a ten-year review. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

Kunjal R. Favorable lipoprotein profile in hiv-infected patients with end-stage renal disease without lipid lowering therapy. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

McCurdy K. Case of a left atrial mass caused by transesophageal migration of a hypodermic needle in the left atrium. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

McCurdy K. Foreign body aspiration masquerading as asthma. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

McCurdy K. Ultrasound applications in medical education: can residents be trained to use ultrasound examination to predict central venous pressure? Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.


Torres-Miranda D. Normal flora can take your breath away and mess with your brain: lung and brain abscess caused by streptococcus anginosus. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.

Torres-Miranda D. Rapidly progressive seeding of an aggressive msra infection in an immunocompetent host with no obvious source - end organ damage from head to bone. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 21, 2015.


Tolaymat O. Lupus: an unusual presentation. Poster presentation at: American Federation of Medical Research Eastern Regional Meeting; Washington, DC. April 2015.

Baldeo C. An unresectable primary cardiac sarcoma presenting as heart failure. Poster presentation at: American College of Cardiology Scientific Session; San Diego, CA. March 2015.


Hritani A. Rare cause for lower extremity pain and vasospasm. Oral presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2015.


Thomas S. A rare case of paraneoplastic pemphigus masquerading as toxic epidermal necrolysis. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2015.

Ali R. Concomitant vitamin c deficiency and therapeutic enoxaparin resulting in massive chest wall hematoma. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2015.

Najjar N. An unusual case of hypercapnic respiratory failure. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2015.

Samuel J. Primary Leiomyosarcoma of inferior vena cava extending into the right atrium and ventricle. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.
Gupta E. Rare elusive diagnosis of NK cell Lymphoma. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Babbar A. Rare presentation of a parathyroid carcinoma associated with brown tumors. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Al-Saffar F. Predicting the need for upfront dual therapy in pulmonary arterial hypertension. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Al-Saffar F. Diagnosis of pseudo-pulmonary emboli with endobronchial ultrasound. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Al-Saffar F. Pin worms infection presenting as Crohn's disease. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Nakshabendi R. Hepatic encephalopathy as the presentation of congenital spleno-renal shunt in the absence of hepatic cirrhosis. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Hritani A. Multiple bilateral kidney infarcts as initial presentation of paroxysmal atrial fibrillation. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Hritani A. Global stress-induced cardiomyopathy with left and right ventricular dysfunction in the setting of severe chronic obstructive pulmonary disease (COPD) exacerbation. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Ibrahim S. An unusual case of coinciding anomalous coronary artery and papillary fibroelastoma. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Ibrahim S. Controlling atrial fibrillation by atrial flutter ablation in the presence of LA enlargement. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Ibrahim S. Hemoconcentration as a marker of decongestion in the management of acute decompensated heart failure and its role as a predictor for readmission. Oral presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Geffen JB. A type II choledocal cyst presenting as pancreatic mass. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.


Ali RA. Cryoglobulinemia as an idiosyncratic drug reaction of moringa oleifera. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Baldeo C. Primary cardiac sarcoma presenting as heart failure. Oral presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.

Baldeo C. Lung cancer presenting as a soft tissue mass. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2015.


Hritani A. Rare cause for lower extremities pain. Poster presentation at: Pain Society of the Carolinas Meeting; Charleston, SC. December 2014.

Baldeo C. A case of cardiac sarcoma presenting as heart failure. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.

Baldeo C. Lung cancer presenting as a soft tissue mass. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.
Geffen JB. Type II choledocal cyst presenting as pancreatic mass. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.

Ali RA. Familial adenoma polyposis-what is appropriate screening. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.

Ali RA. Cryoglobulinemia presenting as an idiosyncratic reaction to moringa oleifera. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.

Ali RA. Pulmonary edema in end stage renal disease obscuring the diagnosis of idiopathic chronic eosinophilic pneumonia. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2014.

Dakkak M. Patients with left ventricular function improvement after biventricular ICD implant have a persistent risk of ventricular tachycardia or fibrillation. Poster presentation at: American Heart Association Meeting; Chicago, IL. November 2014.

Gupta E. Predictors of post-operative myocardial infarction in patients with previous myocardial infarction undergoing major noncardiac surgery: analysis of 30-day follow up data from the ACS-NSQIP. Poster presentation at: American Heart Association Meeting; Chicago, IL. November 2014.


Ibrahim S. An unusual case of coinciding anomalous coronary artery and papillary fibroela. Poster presentation at: Southern Medical Association Meeting; Destin, FL. October 2014.

Ali RA. Endobronchial carcinoid with postobstructive pneumonia obscuring the diagnosis of granulomatosis with polyangitis. Poster presentation at: American College of Chest Physicians Annual Meeting; Austin, TX. October 2014.

Al-Saffar F. Endobronchial ultrasound (EBUS) to the rescue when CT pulmonary angiography (CTPA) fails you. Poster presentation at: American College of Chest Physicians Annual Meeting; Austin, TX. October 2014.

Dakkak M. Broncholithiasis presenting as fever of unknown origin. Poster presentation at: American College of Chest Physicians Annual Meeting; Austin, TX. October 2014.


Mourad B. A case of LIP pleural effusion in HIV. Poster presentation at: American College of Chest Physicians Annual Meeting; Austin, TX. October 2014.

Mourad B. Black lungs in a crack enthusiast. Poster presentation at: American College of Chest Physicians Annual Meeting; Austin, TX. October 2014.


Nakshabendi R. Two cases of primary malignant melanoma of the colorectal area. Poster presentation at: American College of Gastroenterology Meeting; Philadelphia, PA. October 2014.


Dakkak M. Unusual presentation of tuberculosis. Poster presentation at: Southern Hospital Medicine Annual Mtg; Atlanta, GA. October 2014.

Al-Saffar F. Takotsubo’s cardiomyopathy after normal delivery: a literature review “a normal delivery can still break your heart”. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Issa R, Baidoun F, Kanar O. Hemodynamic instability from vitamin C deficiency. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.
Issa R, Baidoun F, Kanar O. K2 (synthetic marijuana) induced altered mental status and renal insufficiency. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Ibrahim S. Controlling atrial fibrillation by atrial flutter ablation in the presence of LA enlargement. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Ibrahim S. Hemoconcentration as a marker of decongestion in patients with acute compensated heart failure. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Gupta E. Bronchial carcinoid mimicking as asthma. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014. 3rd place winner.

Baldeo C. Pulmonary tuberculosis in an HIV negative patient with sickle cell trait. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Baldeo C. Dyspnea on exertion in an otherwise healthy male. Poster presentation at: Southern Hospital Medicine Meeting; Atlanta, GA. October 2014.

Al-Saffar F. Use of EBUS to evaluate endovascular lesions in pulmonary arteries- a systematic review. Poster presentation at: International Lung Cancer Congress Meeting; Huntington Beach, CA. August 2014.

Nakshabendi R. Effects of treatment with immunomodulators and biologic agents on sleep health in inflammatory bowel disease patients. Poster presentation at: Florida Chapter American College of Physicians; Fort Lauderdale, FL. August 2014.


Cerda M. Hemoconcentration as a marker of decongestion in patients with acute decompensated heart failure. Poster presentation at: Florida Chapter American College of Physicians; Fort Lauderdale, FL. August 2014.


**HONORS AND AWARDS**

Khadeeja Esmail, MD Intern of the Year
Amit Babbar, MD Resident of the Year
Cristian Landa, MD Teacher of the Year
Saif Ibrahim, MD Best Conference Attendance
Saif Ibrahim, MD Procedure Completion
Farah Al-Saffar, MD ACP Resident of the Year

Melissa Dakkak, DO; Ryan Kunjal, MD and Taylor Palfrey, MD competed for the American College of Physicians, Florida Chapter - Doctor’s Dilemma™ State Team.

Amit Babbar, MD has been awarded the resident UF College of Medicine Exemplary Teachers Award.

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

Saif Ibrahim, 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

### CLASS OF 2015 DESTINATIONS

<table>
<thead>
<tr>
<th>Name</th>
<th>Professional status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chief Medical Residents</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jason Bellardini, MD</td>
<td>Pulmonary CC Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Jean Touchan, MD</td>
<td>Cardiology Fellowship</td>
<td>University of Kentucky</td>
</tr>
<tr>
<td><strong>Preliminary Residents</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leslie Lester, DO</td>
<td>Anesthesiology Residency</td>
<td>Georgia Regents University</td>
</tr>
<tr>
<td>Omar Moore, MD</td>
<td>Neurology Residency</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>W. James Plante II, MD</td>
<td>Neurology Residency</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td><strong>Categorical Residents</strong></td>
<td></td>
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</tr>
<tr>
<td>Tracy Ashby, DO</td>
<td>Chief Medical Resident</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Amit Babbar, MD</td>
<td>Pulmonary CC Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Sharica Brookins, MD</td>
<td>Nephrology Fellowship</td>
<td>Vanderbilt University</td>
</tr>
<tr>
<td>Bilkisu Gaye, MD</td>
<td>Hospital Medicine</td>
<td>Redmond MC, Rome, GA</td>
</tr>
<tr>
<td>Saif Ibrahim, MD</td>
<td>Cardiology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Kaitlin McCurdy, MD</td>
<td>Chief Medical Resident</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Vinay Minocha, MD</td>
<td>Medical Oncology Fellowship</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Bashar Mourad, DO</td>
<td>Pulmonary CC Fellowship</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Jesse Onyenekwe, MD</td>
<td>Pulmonary CC Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Kavita Pal, MD</td>
<td>Pulmonary CC Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Dhruv Panchal, MD</td>
<td>Hospital Medicine</td>
<td>Henry Ford Hospital, Detroit, MI</td>
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<tr>
<td>Virin Ramoutar, MD</td>
<td>Infectious Disease Fellowship</td>
<td>University of Virginia</td>
</tr>
<tr>
<td>Khurram Tariq, MD</td>
<td>Hematology Oncology Fellowship</td>
<td>Lakeland, FL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Georgia Regents University</td>
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</tbody>
</table>
Department Research

Academic Year 2015 (7/14 - 6/15)

The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville’s mission. Trends in external funding for the past seven years are shown in Figure 1.

**Total Grant Revenue**

External funding from federal, state, industry and foundation sources increased 44.6% this fiscal year compared to last. This correlated with a slight increase in the number of funded investigators (from 18 investigators last fiscal year to 21 investigators this fiscal year) (Figure 2) and a significant increase in the number funded projects (from 74 projects last fiscal year to 82 this fiscal year) (Figure 3).

**# Funded Investigators**
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 in endothelial cells. **Kent Wehmeier, M.D.** (Endocrinology) is investigating cholesterol metabolism and transport in osteocytes. **Charles Heilig, M.D.** (Nephrology and Hypertension) is examining the regulation of glucose transporter 1 expression by mechano-growth factor as well as examining the role of glucose transporters in liver cancer. **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 are assigned a mentor and participate in basic, translational, epidemiological, or clinical research. Three residents and fellows in the Department of Medicine 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, 28% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. **Dr. Kaitlin McCurdy** and **Dr. Saif Ibrahim** placed fourth and sixth place, respectively, in the oral platform competition. **Dr. Lydia Engwenyu** received the first place prize and **Dr. Kamaldeep Singh** received the second place prize for their poster presentations. These great outcomes are in part due to the desire and hard work of their faculty mentors. **Michael Haas, Ph.D.** has also worked with interns from the **Florida State College of Jacksonville Biotechnology** program.
DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2015 (7/14 - 6/15)

Highlights

- Brought CT surgery under Cardiology. Expanded the CT surgery program by hiring PA’s, CVICU Coordinator and assisted with bringing in new OR Heart team members. Opened new 17 bed CVICU. Volume of CT surgery cases has gone up by 60% in the last year.
- Fully opened Northside Practice. Expanded services to the North Campus offering patients Invasive and Non-invasive testing as well as office visits.
- Started the TAVR program, 20 cases have been performed with great success.
- Opened Hybrid OR in the Invasive Suite
- Expanded the Peripheral Vascular Program with Dr. Antoun collaborating with UF and non-UF podiatrist and Vascular Surgery performing cases in the Hybrid Room.
- Dr. Patrick Antoun, new Medical Director of CCU, has put programs in place that have improved the communication, among the physician/fellows and nurses in the CCU as well as improved the efficiency and effectiveness of daily Rounds.
- Dr. Pirris took over the leadership of the Valve Program/Committee. New processes in place to identify Valvular heart Disease patients and have them seen and treated earlier.
- Restructured Emerson office, new staff, new physician assignments to Emerson office
- Continued to expand Cardiovascular Research program to include CT surgery research projects.
- Relocated Cardiovascular Research program to previous Blood Alliance building located by Proton Center.

Cardiology Goals for 2015-16 are as follows:

- Continue to expand CT surgery program, market CT surgery, Dr. Pirris, robotics program, minimally invasive program.
- Continue to expand TAVR program with larger referral base.
- Dr. Leslie Oberst staring Nov. 2015, will work with Radiology to develop a comprehensive Cardiac MR/CT program
- Expand North side services, adding Physicians to North office.
- Work with Podiatry on partnership program for Wound care/Limb Salvage program.
- Continue to promote and expand the Women’s Heart Program, with more community events, more outreach programs.
- Completely restructure the Cardiology/CT surgery website/webpages.
- Organize more Physician to physician marketing ventures, with a focus on our High Risk PCI program and CT surgery program
- Purchase new D-Spec nuclear camera, advance the Cardiac Nuclear Imaging program
- New 4D ECHO systems being purchased for Non-invasive lab, enhance non-invasive testing program

Education: The fellowships programs remain competitive and are comfortably in mid review cycles. Our fellows and residents have received several research awards including Dean’s grants and several presentations on Research Day. Our post doc research fellows have also received this recognition.

The following initiatives have taken place this year:

- Implemented Monday Morning Report: Mandatory meeting for ALL fellows to discuss important, challenging, complex cases that present to CCU over the weekend or preceding week.
- Created goals and objectives for every clinical and nonclinical rotation
- Increased the number of Board Review/In training exam review sessions to twice a month
- Established a new agreement for an advanced imaging rotation at Mayo
- Increased the number of guest lecture faculty participating in our weekly didactic conference sessions
  - Established a pulmonary series with Dr. Bajwa (UF – Jax)
  - Established an advance imaging series with Dr. Shapiro (Mayo)
  - Established an advance HF series with Dr. Parag Patel (Mayo)
- Will be integrating a fellow’s case session in the Annual Women and Cardiovascular Disease Symposium this coming January 2016

**Research:** Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have nearly 50 ongoing studies, which range from basic/translational research to large scale clinical trials. These embrace investigator initiated as well as sponsored studies. We have published approximately 40 peer-reviewed manuscripts, numerous abstracts and presentations at local, national and international meetings and several book chapters. We currently hold leadership positions in most major cardiovascular societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding. Our research staff has also expand to meet the demands of our growing research operations, which this year has included the opening a new cardiovascular research building which hosts a state-of the art thrombosis research laboratory, patient waiting area, clinical visit rooms, and offices for research staff.

**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: Brown University 1997
  - Subspecialty training and year: University Hospital of Salamanca, Spain/The Policlinico 1998
  - Subspecialty training and year: Agostino Gemelli University Hospital, Italy/San Carlos 2003
  - Subspecialty training and year: 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

- **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
- **Subspecialty training and year:** Dartmouth-Hitchcock Medical Center – Lebanon, NH 2004

### 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

### Timothy Paterick, M.D., J.D., M.B.A. Professor
- **Medical School / Graduation date:** Rush Medical College of Rush University 1984
- **Internship/residency and year:** Mayo Clinic – Rochester 1987
- **Subspecialty training and year:** Mayo Clinic – Rochester 1990
- **Professional Education:** University of Wisconsin (JD) 1993
- **Professional Education:** Edgewood College (MBA) 1996

### 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
PUBLICATIONS

Peer-reviewed manuscripts:


Rollini F, Franchi F, Angiolillo DJ. La chirurgia non cardiaca in pazienti già sottoposti a rivascolarizzazione percutanea alla luce delle nuove linee guida europee. G Ital Cardiol 2015 [in press].


Velarde G, Bravo K. Ethnicity and Coronary Artery Disease. The role of HDL – A change in paradigm[Manuscript] Accepted for publication, April 2015 Expert Review Cardiovascular Therapy


Abstract presentations:


Velarde G. The Need to Address Disparities; ACC Prevention Council Meeting, American College of Cardiology 15 Meeting San Diego, March 2015

**Book chapters:**


**CLINICAL ACTIVITIES**

<table>
<thead>
<tr>
<th>Outpatient Activity</th>
<th>AY 14/15</th>
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<tr>
<td>Physician clinic visits</td>
<td>14,189</td>
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<td>Cardiac ultrasounds</td>
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<td>Cardiac nuclear studies</td>
<td>1,441</td>
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<td>EKGs</td>
<td>59,439</td>
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<tr>
<td>Stress tests</td>
<td>2,254</td>
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<tr>
<td>Heart caths</td>
<td>2,434</td>
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<tr>
<td>EP procedures</td>
<td>1,159</td>
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<tr>
<td>Cardiac rehab visits</td>
<td>2,237</td>
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<tr>
<td>TAVR</td>
<td>16</td>
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</table>

*Attendings Only: Jacksonville Clinic=7959, Lake Shore=1536, Emerson=1171, St Marys =2991, Northside = 532

**CONTRACTS AND GRANTS**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Angiolillo, D</td>
<td>Eval of Switching from Prasugrel to Ticagrelor</td>
<td>2014-2016</td>
<td>IIS Grant</td>
<td>$396,125.00</td>
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</table>
Highlights

The Division of Endocrinology, Diabetes and Metabolism had a year of sustained change and development in all areas of the academic mission of the University of Florida. Clinically, major events included expansion of clinical services geographically and provision to a broader audience. The endocrinology faculty initiated in-vitro and clinical investigations into hormonal action with acquisitions of new faculty and personnel. Academically, the Division submitted multiple manuscripts, delivered multiple scholarly presentations and contributed to the University’s educational mission.

Patient care: The division provided inpatient and outpatient consultation at the University of Florida College of Medicine-Jacksonville campus and Emerson Medical Plaza to faculty of the University and referring physicians in the northeast Florida/southern Georgia region and beyond. With the opening of the UF Northside campus endocrinology services extended to a broader area of the First Coast. The core clinical faculty of the Division included Dr. Joe Chehade, Dr. Claudia Gragnoli, Dr. Arshag Mooradian, Dr. Mae Sheikh-Ali, and Dr. Kent Wehmeier. The division addressed 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 bone diseases such as osteoporosis and vitamin D deficiency were evaluated and treated. The division’s main clinical operations occurred at UF Endocrinology and Diabetes at Emerson Medical Plaza. The number and variety of consultations continued to rise. Patients were also evaluated at the UF Health-Jacksonville Ambulatory Care Center (ACC). Dr. Chehade, Dr. Gragnoli, Dr. Sheikh-Ali and Dr. Wehmeier performed analyses of the glucose monitoring data, obtained by continuous glucose monitoring to make recommendations regarding diabetes management. Diabetes care has matured with 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. Chehade and Dr. Sheikh-Ali both utilized 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 UF 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. A second collaboration continued with the Departments of Neurosurgery, Otolaryngology, Pathology, Radiation Oncology, and Radiology. Both collaborations were 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, more patients were 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.

Leading the charge for better inpatient diabetes care the division participated in the Diabetes Steering Committee. This multidisciplinary body comes together to discuss common issues in glucose control. Strategies to improve outcomes are discussed and implemented.

Education: The Endocrinology Fellowship continues to maintain its ACGME accreditation, under the direction of Program Director, Dr. Kent Wehmeier and Associate Program Director, Dr. Mae Sheikh-Ali. Fellows Dr. Harshit Shah, from Loma Linda, and Dr. William Kurban, from Louisiana State University, joined
the Division in July 2013 and completed their fellowship. Dr. Ayham Chamseddin and Dr. Monica Plazarte began July 1, 2014 and have been an exceptional and productive additions to the division. All four fellows have made substantive contributions to the clinical care, education and research mission of the division. In resident physician education, Dr. Wehmeier continued 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, Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier are in preceptor clinics in Endocrinology and coordinate lectures for the University of Florida medical students and residents in medicine and emergency medicine. The division’s Endocrinology Grand Rounds provide an avenue for speakers at UF Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF. Dr. Wehmeier completed the Medical Education Research Certification sponsored by the Association of American Medical Colleges.

**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. 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

**Claudia Gragnoli, M.D., Ph.D., Associate Professor**
Graduate School/Graduation date  U. La Sapienza of Rome, Italy 1992
Internship/residency and year  U. La Sapienza of Rome, Italy 1998
Internship/residency and year  U. La Sapienza of Rome, Italy 2003

**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
PUBLICATIONS

Monographs:

Publications:


Haas, MJ. Kurban, W, Shah, H, Onstead-Haas, L, Mooradian, AD. Beta blockers suppress dextrose-induced endoplasmic reticulum stress, oxidative stress and apoptosis in human coronary artery endothelial cells. Published in American Journal of


Abstracts/Presentations:


Wehmeier, K. Update on Osteoporosis and Other Bone Diseases. University of Florida College of Medicine-Jacksonville Internal Medicine Update 2015.


### CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient Activity</th>
<th>AY 14/15</th>
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<tr>
<td>Initial IP Encounters</td>
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<thead>
<tr>
<th>Outpatient Activity</th>
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<tr>
<td>Clinic Visits</td>
<td>7484</td>
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<tr>
<td>Thyroid Biopsies</td>
<td>171</td>
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### GRANTS AND CONTRACTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
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<tbody>
<tr>
<td>Wehmeier, K.</td>
<td>A Phase III, multicentre, international, randomized, parallel group, double blind cardiovascular safety study of BI 10773 (10 mg and 25 mg administered orally once daily) compared to usual care in type 2 diabetes mellitus patients with increased cardiovascular risk</td>
<td>04/11-04/17</td>
<td>Boehringer-Ingelheim</td>
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<tr>
<td>Chehade, J.</td>
<td>A trial comparing cardiovascular safety of insulin degludec versus insulin glargine. Multiple dose trial examining dose range, escalation and efficacy of oral semaglutide in subjects with type 2 diabetes.</td>
<td>11/13-12/20</td>
<td>Novo-Nordisk</td>
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<td>Efficacy and safety of semaglutide once-weekly versus exenatide ER 2.0 mg once-weekly as add-on to 1-2 oral antidiabetic drugs (OADs) in subjects with type 2 diabetes.</td>
<td>11/13-11/16</td>
<td>Novo-Nordisk</td>
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<td>A 24-Week Metformin Extended Release Compared to Metformin Immediate Release Monotherapy in Adult Subjects with Type 2 Diabetes.</td>
<td>08/13-03/16</td>
<td>Bristol-Myers Squibb</td>
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<td>Safety and Efficacy of Triple Therapy with Saxagliptin added to Dapagliflozin in Combination with Metformin compared to Therapy with Placebo added to Dapagliflozin in combination with Metformin.</td>
<td>08/12-10/15</td>
<td>Bristol-Myers Squibb</td>
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<tr>
<td>Sheikh-Ali, M.</td>
<td>A randomized, double blinded, cross-over trial comparing the safety and efficacy of insulin degludec and insulin glargine, both with insulin aspart as mealtime insulin in subjects with type 1 diabetes.</td>
<td>05/14-04/17</td>
<td>Novo-Nordisk</td>
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<td>A phase II, 16 week, double-blinded, Placebo-controlled, Parallel-group, randomized, multicenter trial to assess effect on glycemic control of three dosage of HM11260C in subjects with inadequately controlled type 2 diabetes receiving a stable dose of metformin.</td>
<td>04/14-04/17</td>
<td>Hanmi</td>
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<td>Efficacy and Safety of Switching from Sitagliptin to Liraglutide in Subjects with type 2 Diabetes not Achieving Adequate Glycemic Control on Sitagliptin and Metformin.</td>
<td>02/14-02/17</td>
<td>Novo-Nordisk</td>
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<td>Two Treatment Approaches for Human Regular U-500 Insulin (Thrice-Daily versus Twice-Daily) in Subjects with Type 2 Diabetes Mellitus Not Achieving Adequate Glycemic Control on High-Dose U-100 Insulin Therapy with or without Oral Agents: A Randomized, Open-Label, Parallel Clinical Trial.</td>
<td>01/13-01/16</td>
<td>Eli Lilly</td>
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<td>The Effect of Insulin Degludec in Combination with Liraglutide and Metformin in Subjects with type 2 Diabetes Qualifying for Treatment Intensification.</td>
<td>09/12-09/15</td>
<td>Novo Nordisk</td>
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<td>A trial comparing the efficacy, patient-reported outcomes and safety of insulin Degludec 200 U/ml vs. insulin glargine in subjects with type 2 diabetes mellitus requiring high-dose insulin.</td>
<td>07/12-06/14</td>
<td>Novo-Nordisk</td>
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<tr>
<td></td>
<td>The efficacy of insulin degludec/liraglutide in controlling glycaemia in adults with type 2 diabetes mellitus inadequately controlled on GLP-1 receptor agonist and metformin therapy.</td>
<td>07/12-07/15</td>
<td>Novo-Nordisk</td>
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<td>A Phase III, multicenter, international, randomized, parallel group, double blind cardiovascular safety study of BI 10773 (10 mg and 25 mg administered orally once daily) compared to usual care in type 2 diabetes mellitus patients with increased cardiovascular risk.</td>
<td>04/11-04/17</td>
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<tr>
<td>Project Title</td>
<td>Principal Investigator</td>
<td>Start Date</td>
<td>End Date</td>
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<tr>
<td>Two Approaches to Escalate Lispro Therapy in Patients with Type 2 Diabetes</td>
<td>Haas, M.</td>
<td>09/10-09/16</td>
<td>Eli Lilly</td>
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<td>Not Achieving Adequate Glycemic Control on Basal Insulin Therapy and Oral</td>
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<td>Agents Alone.</td>
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<td>The effect of ebselen on human coronary artery endothelial cell function.</td>
<td>Haas, M.</td>
<td>05/14-04/15</td>
<td>Deans Fund</td>
</tr>
</tbody>
</table>
Highlights

The Division of Gastroenterology had an outstanding 2014-2015 fiscal year. Clinically, the division has significantly reduced patient wait list times at both campuses. The patient no show rate has also significantly improved at both the Emerson and UF Health Multispecialty Beach Clinic which is currently less than 9%. Patient satisfaction surveys continue to improve in all GI clinics. A direct referral system with using a one phone call system has been very successful this past year in scheduling endoscopic procedures and patient consults. Patients are now being accommodated for their screening colonoscopies the same week. A direct referral system for primary care physicians has been in place for the past year and has been very successful thanks to the good work of our GI office manager, Kimmie Holcomb. 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 candidates during this year’s match and looks forward to another successful year. Our fellows and faculty continue to publish and present their research and QI studies at regional and national meetings.

Patient Care: The patient care aspect of our academic mission is pursued at the following locations: UF Health North, inpatient consult service at UF Health Hospital; weekly IBD and hepatology clinics at the Emerson campus; endoscopy services at UF Health Hospital, Jacksonville Beach Surgery Center, Jacksonville Surgery Center and Baptist Beaches Surgical Center; general GI clinics at UF Health North, UF Health at 8th Street, Emerson and UF Beach campuses. In addition to routine endoscopic procedures, the following procedures are provided for our patients: Endoscopic Ultrasound (EUS), Endoscopic Retrograde Cholangiopancreatogram (ERCP), high resolution esophageal manometry, BRAVO ph testing, capsule endoscopy, single balloon enteroscopy, hemorrhoid banding, infusion therapy with biologics for IBD patients and treatment and counseling for patients with viral hepatitis is also available. Our mission 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 continued improvement of patient no show rates.

Education: Our six key faculty members, as defined by the ACGME, include Dr. Emely Eid, Dr. Silvio deMelo, Dr. Amie Deutch, Dr. Juan Munoz, Dr. James Scolapio and Dr. Paul Sievert. The division has a total of 6 fellows and the program has been successful in maintaining a 100% first time pass rate on the GI boards over the past 10 years. The program has consistently matched with 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. The goals of the program remains enhanced competency-based training with progression of a fellow’s clinical responsibility based on mastering of specific core competencies or milestones. Specific attention will also continue to focus on the core competency of professionalism.

Research: Faculty members have been productive in scholarly activities over the past year. They have given multiple scientific presentations at local, regional and national meetings. Our faculty continues to mentor fellows in their research and QI studies. The division has published papers on a wide range of topics including Barrett’s esophagus, IBD, liver diseases, pancreas diseases, and nutrition. The mission of the program remains increasing the number and quality of extramurally funded studies with specific attention on mentoring our GI fellows on prospective hypothesis driven clinical studies.
# Listing of Faculty Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Bass, M.D.</td>
<td>Assistant Professor</td>
<td>Medical College of Georgia 1988</td>
<td>University of South Alabama 1991</td>
<td>University of Florida – Jacksonville 1993</td>
</tr>
<tr>
<td>Silvio de Melo, M.D.</td>
<td>Assistant Professor</td>
<td>Faculdade de Medicina da Universidade, Recife, Brazil 2001</td>
<td>UT-Southwestern Medical Center, Dallas, TX 2006</td>
<td>UT-Southwestern Medical Center, Dallas, TX 2009</td>
</tr>
<tr>
<td>Amie Deutch, M.D.</td>
<td>Assistant Professor</td>
<td>Loyola University Chicago, Maywood, IL 1998</td>
<td>St. Elizabeth's Med Center, Boston, MA 2001</td>
<td>University of Massachusetts 2004</td>
</tr>
<tr>
<td>Emely Eid M.D.</td>
<td>Assistant Professor</td>
<td>American University of Beirut, Beirut, Lebanon 2004</td>
<td>Indiana University, Indianapolis, IN 2009</td>
<td>UT-Southwestern Medical Center, Dallas, TX 2012</td>
</tr>
<tr>
<td>Juan Munoz, M.D.</td>
<td>Associate Professor</td>
<td>Universidada Complutense, Spain 1991</td>
<td>University of Florida – Jacksonville 2001</td>
<td>University of Florida – Jacksonville 2004</td>
</tr>
<tr>
<td>James Scolapio, M.D.</td>
<td>Professor; Division Chief and Program Director</td>
<td>Marshall University School of Medicine 1991</td>
<td>Mayo Graduate School of Medicine – Jacksonville 1994</td>
<td>Mayo Graduate School of Medicine – Rochester, MN 1997</td>
</tr>
<tr>
<td>Paul Sievert, M.D.</td>
<td>Assistant Professor</td>
<td>University of Miami 1996</td>
<td>Medical College of Virginia 1999</td>
<td>University of Florida – Jacksonville 2003</td>
</tr>
</tbody>
</table>
**PUBLICATIONS**

**Manuscripts:**

Salyers WJ, Vega KV, **Munoz JC**, Trotman BW, Taney SS. Neuroendocrine tumors of the gastrointestinal tract: Case reports and literature review. World J Gastrointest Oncol 6(8):301-310. Published online 2014 August 15. doi: 10.4251/wjgo.v6.i8.30.


**Abstracts:**


Berry AC, Herdes RE, Larsen MF, Yarur AJ, **Scolapio JS**. Patel BB, Avalos D, Lenchus JD, Reuther III WL. An atypical presentation of small bowel metastasis from a previously undiagnosed primary lung adenocarcinoma. Journal of Medical Cases; (Accepted, in press 2014).

**Presentations:**


Lee A, **Eid A**. Providing Fellows-in-training with Education on Inflammatory Bowel Disease Health Maintenance to Improve the Quality of Care in our Healthcare System. Poster presentation at UF College of Medicine Jacksonville Medical Education Day, Jacksonville, FL, April 2015.
Nakshabendi R, Lee A, Eid E. Effects of Treatment with Immunomodulators and Biologic Agents on Sleep Health in Inflammatory Bowel Disease Patients. Poster presentation at UF College of Medicine Jacksonville Medical Education Day, Jacksonville, FL, April 2015.


Book Chapters and Monographs:


**CLINICAL ACTIVITIES**

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<thead>
<tr>
<th>Inpatient Activity</th>
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<tr>
<td>Number of IP Consults (IDX)</td>
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<td>Shands Jacksonville Inpatient Procedures (IDX)</td>
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<tr>
<td>Baptist Beaches Inpatient Procedures (IDX)</td>
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<tr>
<td>St. Lukes Inpatient Procedures (IDX)</td>
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<th>Outpatient Activity</th>
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<tr>
<td>Clinic Visits (IDX)</td>
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<tr>
<td>Clinic Visits (North)</td>
<td>422</td>
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<tr>
<td>Shands Jacksonville Outpatient Procedures</td>
<td>4939</td>
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<tr>
<td>UF North Outpatient Procedures</td>
<td>186</td>
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<tr>
<td>Baptist Beaches Outpatient Procedures</td>
<td>722</td>
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<tr>
<td>Jax Beach Surgery Center Outpatient Procedures</td>
<td>725</td>
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<tr>
<td>Jacksonville Surgery Center</td>
<td>1038</td>
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</table>
**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 16 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 two locations: the Ambulatory Care Center at UF Health Jacksonville and the UF Internal Medicine Clinic at Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the inpatient 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 recently received notification that they had been granted NCQA Level 3 certification as a Patient Centered Medical Home. JaxHATS (Jacksonville Health and Transition Services) clinics held on Monday afternoons and 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. The PAIDD (Program for Adults with Intellectual and Developmental Disability) clinic continues to grow and provide primary care services and care coordination to this adult special needs population. 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 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 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 our 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 and QI for the training program. He also serves as the Quality Officer for the Department of Medicine. He is the Chair of the Medical Performance Improvement Committee (MPIC) and is a member of the Performance Improvement Committee—the institutional body that oversees quality and safety for the UF Health Jacksonville campus. The Division of GIM strives to meet HEDIS measures and meaningful use criteria. The division is working with the hospital quality team to review and assess our readmission rates, timeliness of discharges and throughput, as well as identify opportunities to continue to improve our patient satisfaction. In the outpatient setting, Dr. Palacio coordinates 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 will assist the division in meeting the needs of our patients and allow us to provide better care to them. To meet the primary care needs of Jacksonville, we will be expanding our practice to the north side. We also plan to expand the nursing home network of our division to provide additional training opportunities for our residents and students, as well as facilitate the care of our patients. The clinic for adults with intellectual and developmental disabilities continues to grow and provides a unique service to this special needs population.

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**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Year</th>
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<tbody>
<tr>
<td>Silvia Abreu Read M.D.</td>
<td>Assistant Professor</td>
<td>Universidad Nacional Pedro Henriquez Urena</td>
<td>Pitt County Memorial Hospital</td>
<td>1999</td>
</tr>
<tr>
<td>Lori A. Bilello, Ph.D., M.B.A., M.H.S.</td>
<td>Assistant Professor, Associate Director, CHEQR</td>
<td>University of Florida</td>
<td>University of Florida</td>
<td>2012</td>
</tr>
<tr>
<td>Linda Edwards, M.D.</td>
<td>Associate Professor, Associate Chairman and Division Chief</td>
<td>East Carolina University</td>
<td>Jacksonville Health Education Programs</td>
<td>1981</td>
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<td></td>
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</tr>
</tbody>
</table>
### 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

### Rafik Jacob, M.D., Assistant Professor
Medical School / Graduation date: Ain Shams University 1994
Internship/residency and year: Rhode Island Hospital/Brown University 2013

### 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., Associate 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
PUBLICATIONS

Monographs:


Publications:


Alexandraki I, Palacio C, Mooradian A. The relative merits of low carbohydrate diets in managing obesity: A meta-analysis of low carbohydrate versus low fat diets (SMJ-14-304R2). (Accepted for publication Southern Medical Journal March 2015)


First Aid for the USMLE Step 2 CS, 5th edition 2014, Faculty Reviewer, House J.


Book Chapter:

Abstracts/Presentations:


Ali R, Landa C, Onyenekwe J, Roshan L. Endobronchial carcinoid tumor with obstructive pneumonia obscuring the diagnosis of granulomatosis with polyangitis. CHEST 2014;146:464A

Presentations:


Alkaddour A, Palacio C, Vega KJ. 2015 Digestive Diseases Week Late-Breaking Clinical Abstract Title: Barrett’s esophagus, African Americans and non-Hispanic whites: a meta-analysis. Oral presentation at: Department of Medicine, University of Florida Jacksonville, Jacksonville, FL. February 2015


Editorial Board/Review:
Masri, G. JSciMed Central/JSM Clinical Case Reports.

Palacio C. Section Editor and Reviewer for General Internal Medicine Medstudy 16th edition
HONORS AND AWARDS

Linda Edwards, M.D. Hanson Professorship of Medicine
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 2015
Cristian Landa, M.D. University of Florida Exemplary Teacher Award 2015
Ghani Masri, M.D. University of Florida Exemplary Teacher Award 2015
Carlos Palacio, M.D. University of Florida Exemplary Teacher Award 2015

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<th>Investigator</th>
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<th>Project Period</th>
<th>Funded Amount</th>
<th>Sponsor</th>
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<tr>
<td>Edwards, L (Co-PI)</td>
<td>University of Florida Foundation for the Medical Home for Adults with Intellectual and Developmental Disabilities Project</td>
<td>3/6/2012 - 3/6/2015</td>
<td>$75,000/year for 3 years</td>
<td>The Community Foundation Grant – Riverside Hospital Foundation Charitable Fund</td>
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<td>House, J. (Principal)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
<td>9/2013 – Present</td>
<td>$10,000</td>
<td>Dean’s Grant</td>
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<td>Landa, C (Principal)</td>
<td>Immunomodulatory Activity of Vitamin D and Metabolites on Hepatitis C Viral Replication in Hepatocytes</td>
<td>8/2011 - Present</td>
<td>$10,000</td>
<td>Dean’s Grant</td>
</tr>
<tr>
<td>Landa, C (Principal)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
<td>9/2013 – Present</td>
<td>Unfunded</td>
<td>SonoSite Inc.</td>
</tr>
<tr>
<td>Landa, C (Principal)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
<td>9/2013 – Present</td>
<td>$10,000</td>
<td>Dean’s Grant</td>
</tr>
<tr>
<td>Masri, G (Sub-I)</td>
<td>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</td>
<td>Aug 14, 2011- Present</td>
<td>$32,680.00</td>
<td>Trimel Biopharma SRL</td>
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<tr>
<td>Masri, G (Sub-I)</td>
<td>A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Trial to Evaluate the Safety and Efficacy of TX-004HR in Postmenopausal Women with Moderate to Severe Symptoms of Vulvar and Vaginal Atrophy</td>
<td>3/10/2015-11/1/2015</td>
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<td>Therapeutics MD, Inc</td>
</tr>
<tr>
<td>Masri, G Participant</td>
<td>An Emergency Department to Home Intervention to Improve Quality of Life and Reduce Hospital Use</td>
<td>02/2015 – 02/2018</td>
<td></td>
<td>PCORI</td>
</tr>
<tr>
<td>Masri, G (Sub-I)</td>
<td>A Phase 3, Double-Blind, Placebo-Controlled, Randomized, Multi-Center Study to Evaluate the Safety and Efficacy of Estradiol in Combination with Progesterone in Postmenopausal Women with an Intact Uterus: Estradiol to Reduce the Frequency and Severity of Vasomotor Symptoms and Progesterone to Manage the Incidence of Endometrial Hyperplasia</td>
<td>Aug 22, 2013 to present</td>
<td>$113,520.00</td>
<td>TherapeuticsMD, Inc</td>
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Title | Recipient | Amount |
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<tbody>
<tr>
<td>Hanson Professorship</td>
<td>Linda Edwards, M.D.</td>
<td>10,808.99</td>
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Highlights

The Division of Hematology and Medical Oncology continues to grow in its clinical and academic mission of the University of Florida with the addition of Dr. Louise Zhou who joined the Division in December 2014. The division consists of two board certified medical oncologist and two dual boarded in Hematology and Medical Oncology. 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 outpatient and inpatient settings.

Patient care: The Division provides patient care at the UF Health Jacksonville campus, CB McIntosh Center, and Emerson Medical Plaza. Our core faculty members of the division include Dr. Fauzia Rana, Dr. Dat Pham, Dr. Lara Zuberi, and Dr. Louise Zhou. The division continues to work closely with Radiation Oncology, Surgical Oncology and Central Administration of UF Health Jacksonville, providing multimodality care for oncology patients. All faculty members work closely with the Proton Therapy Institute in collaboration of patient care, improving patient access and overall quality of care on the inpatient service and in the outpatient clinical setting. The division also participates in simulation lab workshops, teaching the Medical Oncology Fellow’s “How to break the bad news”. The fellows are also trained on how to perform bone marrow biopsy procedures.

Dr. Rana volunteers at the We Care Clinic where she sees patients and provides free service to underserved patients. Dr. Zuberi participated at the Public Forum on “What Everyone Should Know about Breast Health”. The Oncology division hosted a PNH Program presented by invited speaker, Ilan Shapira, M.D., Director of Clinical Oncology at Beth Israel Medical Center. Our 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 Associate Fellowship Program Director, continues to provide care and leadership as Director of the Adult Sickle Cell Program and serves as key clinical faculty for the Department of Medicine Internal Medicine Residency Program. She also serves on the Community Hospice Advisory Board as a member. Drs. Rana and Zuberi serve as an important component in the Multidisciplinary Breast Program. Dr. Pham, Fellowship Program Director, works closely with the education of the fellows and continues his efforts in the Multidisciplinary Thoracic Oncology Program. Dr. Louise Zhou is key clinical faculty for the UF Health Jacksonville Cancer Committee and Transfusion Committee and continues her efforts with the Multispecialty GI Cancer Program. All providers in the division work very closely with UF Proton Therapy Institute and the Department of Surgery. Dr. Louise Zhou is the Hematology and Medical Oncology champion for the Head and Neck Multidisciplinary program with ENT and Radiation Oncology at UF Health Jacksonville.

Education: The Medical Oncology Fellowship, under the direction of Program Director, Dr. Dat Pham, has remained strong and matched top candidates with 100% ABIM subspecialty board pass rate, with one position filled for July 2015. The Medical Oncology Fellowship program successfully continues to maintain its ACGME accreditation.

Our division works closely with the GME office at University of Florida College of Medicine-Jacksonville, playing an active role in the educational core lecture series including Grand Rounds and Oncology Didactic Lecture Series. The physicians provide mentoring and teaching to the residents interested in our specialty. Faculty supervise medical oncology fellows in their outpatient continuity clinics and provide 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. The Oncology Fellowship has rotations at Mayo Clinic Jacksonville (Bone Marrow Transplant) and Baptist Medical Center with Dr. Troy Guthrie. Medical Oncology 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. Our fellows have submitted peer review manuscripts, several of which were accepted for publication. Dr. Rana serves as 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.

Dr. Rana was chosen from our department to receive the 2014 University of Florida-College of Medicine’s Exemplary Teachers Award. This award is given in recognition of outstanding teaching contributions of individual faculty member.

**Research:** The division is currently conducting three clinical trials. All faculty actively participate in the UF Proton Therapy research trials. Research in the division varies among the faculty. We have collaborated with Mayo and have been grandfathered into the ALLIANCE cooperate group, as an affiliate site, which merged ACOSOG, CALGB, and NCCTG.

The division produced two monographs, one publication, one abstract, and 11 presentations during the academic year.

**LISTING OF FACULTY MEMBERS**

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fauzia Rana, M.D., Associate Professor and Division Chief</td>
<td>Fatima Jinnah Medical College 1982</td>
<td>University of Rochester New York 1990</td>
<td>Dana Farber Deaconess Hospital/Harvard 1993</td>
</tr>
<tr>
<td>Dat Pham, M.D., Associate Professor</td>
<td>University of Florida Jacksonville 1997</td>
<td>University of Florida Jacksonville 2000</td>
<td>University of Florida Jacksonville 2002</td>
</tr>
<tr>
<td>Lara Zuberi, M.D., Assistant Professor</td>
<td>Aga Khan University Hospital, Karachi, Pakistan 2000</td>
<td>Henry Ford Hospital, Detroit, MI 2005</td>
<td>Henry Ford Hospital, Detroit, MI 2010</td>
</tr>
<tr>
<td>Louise Zhou, M.D., Assistant Professor</td>
<td>Ross University School of Medicine 2008</td>
<td>University of Florida, Jacksonville 2011</td>
<td>University of Florida, Jacksonville 2014</td>
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PUBLICATIONS

Monographs:


Publications:

Abstracts/Presentations:


Rana F. Bleeding Disorders/Breast Cancer. Oral presentation at: APPNA 18th International Meeting; Australia, February 18, 2015.


Pham D. Thrombocytopenia. Oral presentation at: UF Health Internal Medicine-Grand Rounds; Jacksonville, FL, October 29, 2014.


Zuberi L. Biopsy results are positive for Breast Cancer “Journey from Diagnosis to Cure”. Oral presentation at: Education and Advocacy Day 2014; Jacksonville, FL, June 28, 2014.
### CLINICAL ACTIVITIES

<table>
<thead>
<tr>
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<th>AY 14/15</th>
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<tbody>
<tr>
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<td><strong>Outpatient Activity</strong></td>
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<td>Clinic Visits</td>
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### CONTRACTS AND GRANTS

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<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Rana, F</td>
<td>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)</td>
<td>05/14/2008-05/14/2014</td>
<td>Millennium Pharmaceuticals</td>
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<td>Rana, F</td>
<td>An Open Label Assessment of Safety and Efficacy of Ruzolitinib (INCB018424-258) in subjects with Primary Myelofibrosis</td>
<td>08/12/2011-08/12/2014</td>
<td>Incyte Incorporation</td>
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<td>Rana, F</td>
<td>A Randomized, Double-Blind, Placebo Controlled Study of the JAK Inhibitor INCB018424-351 Table Administered orally to subjects with primary myelofibrosis</td>
<td>09/04/2009-05/27/2015</td>
<td>Incyte Corporation</td>
<td>$51,578.00</td>
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<td>Rana, F</td>
<td>Studying Interventions for Managing Patients with Chronic Myeloid Leukemia in Chronic Phase: The 5-year Prospective Cohort Study (SIMPLICITY)</td>
<td>11/04/2012-11/30/2017</td>
<td>Bristol Myers Squibb Co.</td>
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<td>Latif, N</td>
<td>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)</td>
<td>02/27/2012-02/27/2015</td>
<td>Parexel International Corp.</td>
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<td>Rana, F</td>
<td>An Open Label Assessment of an Alternative Dosing Strategy of Ruzolitinib in Patients with Primary Myelofibrosis (18424-261)</td>
<td>02/06/2012-02/06/2015</td>
<td>Incyte Corporation</td>
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<td>Pham, D</td>
<td>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</td>
<td>04/23/2007-08/05/2016</td>
<td>Glaxo Smith Kline (GSK)</td>
<td>$25,094.00</td>
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<td>Rana, F</td>
<td>The Chronic Lymphocytic Leukemia Disease Registry</td>
<td>03/20/2011-03/20/2017</td>
<td>Celgene</td>
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<td>Rana, F</td>
<td>Connect MM: The Multiple Myeloma Disease Registry</td>
<td>03/20/2011-03/20/2017</td>
<td>Celgene</td>
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Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of three university based infectious diseases consultants, all of whom are dually boarded in Internal Medicine and Infectious Diseases, with an additional 11 ancillary faculty composed of board certified infectious diseases physicians, doctoral level microbiologists and doctoral level pharmacists who are actively involved in various aspects of the fellowship training program.

The division provided inpatient clinical consultation in Infectious Diseases at the UF Health Hospital/Jacksonville; Hospital Infection Control and Antimicrobial Stewardship direction at UF Health Hospital, outpatient travel and tropical medicine services, outpatient infectious diseases consultation and clinical infectious diseases research. The division maintained an ACGME accredited Infectious Diseases fellowship training program and actively participated in the training of internal medicine residents and medical students in inpatient and outpatient infectious diseases.

Members of the division also assumed administrative and teaching roles in ID division and IM activities. Dr. Sands is the university ID Division Chief and ID Fellowship Program Director. Dr. Guzman is the Chair of Hospital Infection Control and Antimicrobial Stewardship Programs for UF Health Hospital, the ID Fellowship Associate Program Director and the Associate Program Director for the Core Internal Medicine Residency. Dr. Mercado oversaw fellows’ research initiatives and is actively involved in Internal Medicine resident teaching and impaired adolescents’ clinics.

Patient care:

University ID Division inpatient and hospital based activity: The division provided full time inpatient infectious diseases consultation throughout the UF Health Jacksonville Hospital system. During the 2014-2015 academic year, the division performed 832 inpatient infectious diseases consultations with over 4340 subsequent follow-up visits at UF Health Hospital.

Outpatient services: The division offered outpatient ID consultation by referral at the Emerson and the Ambulatory Care Clinic (ACC) subspecialty clinics. During the 2014-2015 academic year, there were over 1167 outpatient ID consultative visits for HIV/AIDS and general Infectious Diseases diagnoses including chronic osteomyelitis and MRSA infection.

Travel medicine services were provided three times per week for overseas travelers at the Faculty Clinic. Over 400 travel patients were seen during the academic year.

Education:

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

Fellowship Training: The division maintained an ACGME accredited fellowship in Infectious Diseases with one fellow for each of the two clinical fellowship years. The fellowship program 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 UF Health MICU, in addition to 15 months experience as the consultant and teaching fellow on the general ID in-patient consult service at UF Health.
Our Infectious Diseases fellows continue to distinguish 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, Baton Rouge, Tampa, Orlando and here in Jacksonville.

**Resident Training:** Faculty provided a 12 lecture series ID core curriculum conference for the residents; ID consultation teaching and clinical rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.

**Medical Student Education:** Medical students from UF Gainesville, other US sites and internationally, 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 was 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.

Publications and presentations this past academic year included four abstracts presented at UF Research Day, five published ID monographs and 17 journal articles published in peer reviewed journals.

**LISTING OF FACULTY MEMBERS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
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<tbody>
<tr>
<td>Ivan Guerrero, M.D., Assistant Professor</td>
<td></td>
<td>Universidad Nacional Mayor De San Marco, Peru</td>
<td>Metropolitan Hospital Center</td>
<td>University of Florida College of Medicine-Jacksonville</td>
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<tr>
<td>Nilmarie Guzman, M.D., Assistant Professor</td>
<td></td>
<td>Ponce School of Medicine, Ponce, PR</td>
<td>Damas Hospital, Ponce, PR</td>
<td>University of Florida Health Science Center, Jacksonville, FL</td>
</tr>
<tr>
<td>Diana Mercado, M.D., Assistant Professor</td>
<td></td>
<td>University of the Philippines</td>
<td>Albert Einstein Medical Center</td>
<td>Drexel University College of Medicine</td>
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</table>
Infectious Disease

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 Disease) 1977
Northwestern Memorial Hospital, Dept. of Pathology, Clinical Microbiology Section (Clinical Microbiology) 1981

Ancillary Teaching Faculty:
UF Health Hospital Critical Care
Abubakr Bajwa, MD
James D. Cury, MD
Lisa Jones, MD
Adil Shujaat, MD

UF Health Hospital Microbiology Laboratories
Yvette McCarter, Ph.D.

UF Health Hospital Division of Pharmacy and Antimicrobial Stewardship
Christopher Jankowski, Pharm D.

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
Nizar Maraqa, MD
Ana Alvarez, M.D.
Ayesha Mirza

State of Florida Department of Health Laboratories
Sharon Crowe, B.S., M.S.

PUBLICATIONS


French MA, Cozzi-Leperi A, Arduino RC, Johnson M, Achhra AC, Landay A; for the INSIGHT SMART Study Group including Sands, M. Plasma levels of cytokines and chemokines and the risk of mortality in HIV-infected individuals: a case-control analysis nested in a large clinical trial. AIDS. 2015 Feb 18. [Epub ahead of print] PMID: 25695873


Presentations:
Guzman, N. Rapid Diagnostics Testing in Antimicrobial Stewardship, Annual First Coast Infectious Diseases and Microbiology Symposium, Renaissance Hotel, February 2015.

Guzman, N. Metabolic Complications of Antiretroviral Therapy, UF Internal Medicine Update, Hyatt Jacksonville, February 2015

Guzman, N. “Bugs and Drugs” Internal Medicine Conference July 15, 2014.

Monographs and Book Chapters:


CLINICAL ACTIVITIES

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GRANTS AND CONTRACTS

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<td>Sands, M.</td>
<td>START – Strategic timing of antiretroviral therapy – A multi-national study. NIH – INSITE network</td>
<td>12/1/10-5/31/15</td>
<td>INSIGHT - NIH</td>
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<tr>
<td>Guzman, N.</td>
<td>An international, multicenter prospective observational study of the safety of Maraviroc used with optimized background therapy in treatment experienced HIV-1 infected patients</td>
<td>10/23/08-10/6/15</td>
<td>ViiV Healthcare (formerly Pfizer)</td>
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Highlights

In the 2014 – 2015 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 proceeded to thrive with continuation of Simulation Training, the Pediatric Nephrology experience, and off-site Renal Transplant rotations. Dr. Leighton James continued to provide direction for 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, as did the Transplant Rotation at Mayo Clinic Jacksonville. In addition, our annual Update in Nephrology & Hypertension CME Symposium was once again a success in 2015, with grant support from Dialysis Clinics Inc. and visiting professors from the University of Miami VAMC and Georgia Regents University. The division ARNP’s continued their excellent care for our outpatient hemodialysis population. In addition, plans are underway for a Renal Clinic to begin at UF North in 2015.

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, continued his roles in four clinical research trials, with topics including treatment of membranous glomerulonephritis, the P-DOPPS Study, the CARA Study 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 roles of Mechano-Growth Factor (MGF) and glucose transporters. Dr. Yongxin Gao, Assistant Scientist in the Nephrology Research Laboratories, continued her collaborative research work on MGF, glucose transporters and other growth factors in kidney disease. The Nephrology Research Laboratory also joined the recently formed University of Florida Diabetes Institute to contribute Type 2 diabetes research to the mission.

Fellows and faculty attended and participated in meetings of the American Society of Nephrology, the National Kidney Foundation, a national Home Dialysis Educational Seminar, the Update in Nephrology & Hypertension 2015 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 UF Health 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 approximately 80 patients. The total chronic dialysis population cared for by UFCOM-J Nephrologists has reached approximately 290 patients, hemodialysis and peritoneal dialysis patients included. Dr. Ashwani Gupta has nephrology clinics at Emerson Medical Plaza and is planned to attend at the upcoming UF North Renal Clinic. Additional faculty clinics are staffed at the Towers Clinic on campus by the Nephrology faculty members. The Nephrology clinics at the UF Health campus include the Nephrology Faculty Clinics, the Anemia Clinic, the Post-Renal Transplant Clinic, the Fellows’ Continuity Clinics, the Correctional Facility Clinic, the HD Outpatient 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 & Transplant Consults, and the Chronic Dialysis Consults. These services continue to provide important educational platforms for fellows, medical residents & students. 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 division successfully worked with the Department of Surgery to improve 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. Leighton 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 UF Jacksonville and Mayo Jacksonville is teleconferenced with Mayo Rochester and has continued to be an important educational component for the Nephrology Fellowship program. The Update in Nephrology & Hypertension 2015 CME Symposium provided by the division 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 2016. Visiting professors Dr. Leopoldo Raij, Dr. Stanley Nahman and Dr. Ronald Falk provided special lectures in renal physiology, molecular biology and glomerulonephritis 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, Nephrology Clinics & the Nephrology Consult Rotation. The Mayo Clinic Jacksonville Renal Transplant Rotation for UF-Jacksonville Nephrology fellows continued successfully and complements the Nephrology training program at UF Health. The ACGME-required milestones have been incorporated into the fellowship training program and rotation evaluations.

**Research:** The topics of research studies in the division spanned from anemia management in dialysis patients, dialysis catheter studies, and peritoneal dialysis practices & outcomes, to glucose transporter & growth factor roles in diabetic renal disease, nondiabetic glomerular disease and renal transplant rejection.

Dr. Heilig’s laboratory focuses on glucose transporter regulation of glomerulosclerosis, and more recently on a potential role for Mechano-Growth Factor (MGF) in both diabetic and nondiabetic 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, PD practice patterns, and anti-complement therapy in renal disease. Dr. Mars’ research focuses on the efficacy of different brands/types of hemodialysis catheters in the outpatient setting.

The Nephrology fellows participated in various different research studies & scholarly activities as part of their research training. Fellows also attended and participated in research activities at the American Society of Nephrology Meeting, and the National Kidney Foundation Meeting. The Nephrology Division produced 3 publications, and 16 abstracts and presentations. There were also two active grants this year (Research & Education grants).

**Special Initiatives:**

**Nephrology & Hypertension Annual 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 Institutional Patient Safety Training in the Simulation Laboratory. They also participated in the yearly simulation laboratory experience for temporary hemodialysis catheter placement.

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

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 2012

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

Manuscripts:


Abstracts & Presentations:


Adam-Eldien R, Heilig CW. Minimal Change Disease on top of Lupus Nephritis Class II. Poster Presentation at: National Kidney Foundation Spring Clinical Meetings, Dallas, TX, 3/2015.


HONORS AND AWARDS

Heilig, Charles. European Horizon 2020 Research Grant Programme; Advisory Board Member, 2015 – 2020.

Heilig, Charles. World Congress of Diabetes & Metabolism; Organizing Committee, 2014.


Heilig, Charles. University of Michigan, MDRTC Grant Program, Grant Review Panel, 2014

CLINICAL ACTIVITIES

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<tr>
<td>Outpatient dialysis visits (full month)</td>
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CONTRACTS AND GRANTS

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<th>Title</th>
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<th>Sponsor</th>
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<tr>
<td>Heilig, C</td>
<td>Roles of GLUT1 &amp; Glucose in the Progression of Nondiabetic Glomerulosclerosis</td>
<td>2/2012 – 1/2016</td>
<td>Dialysis Clinics Inc.</td>
<td>$385,000</td>
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<td>Mars, R</td>
<td>Update in Nephrology &amp; Hypertension 2015</td>
<td>6/2015</td>
<td>Dialysis Clinics Inc.</td>
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<td>Gupta, A</td>
<td>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).</td>
<td>3/2012-7/2015</td>
<td>Questcor Pharmaceuticals</td>
<td>$6,000</td>
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<td>Gupta, A</td>
<td>Cara Study: A Double-Blind Randomized Placebo Controlled Study to Evaluate the Safety and Pharmacokinetics of Intravenous CR845 in Hemodialysis Patients, and its Safety and Efficacy in Hemodialysis Patients with Uremic Pruritus. 1/2015 6/2015</td>
<td>CARA</td>
<td>$6,768.00</td>
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<tr>
<td>Gupta, A</td>
<td>A Randomized, Double-Blind, Placebo-Controlled, Dose Assessment Phase 2 Study to Evaluate the Safety and Efficacy of CCX168 in Subjects with Anti-Neutrophil Cytoplasmic Antibody (ANCA) – Associated Vasculitis. 1/2014 -Current</td>
<td>Chemo Centryx, Inc</td>
<td>$4,000</td>
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DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2015 (7/14 - 6/15)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has had continued growth after addition of Dr. Mariam Louis who joined the Division in November 2013. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. Clinically, we have had continued growth with initiation of Pulmonary Disease clinic at UF North. 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, Pulmonary Hypertension Association and ATS conferences. The fellows, under the mentorship of faculty, are engaged in a number of clinical studies. The division has had a number of abstracts presented in national and international conferences and was represented in various regional meetings in the form of providing educational lectures.

Patient care: The division faculty staffs a number of specialized and general pulmonary clinics. The Asthma Clinic, under the supervision of Dr. Cury, continues to be a part of the American Lung Association Asthma Clinical Research Network and now is involved in industry funded clinical research in this arena. The division continues to be involved with the Pulmonary Rehabilitation program in conjunction with the Department of Physical Therapy.

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 the Pulmonary Hypertension Association, it is set to become a center of comprehensive care. The clinic currently manages over 200 pulmonary hypertension patients. Performing right heart catheterizations in the bronchoscopy suite has led to excellent patient through put. The program is preparing to undergo certification as a Center of Comprehensive Care (CCC) under Pulmonary Hypertension Association (PHA).

Janice Wood, RRT continues to be the Pulmonary Hypertension and ILD Program Coordinator.

Under Dr. Jones’ supervision, the Interstitial Lung Disease and Sarcoidosis clinic continues to expand and is involved in clinical trials in the area of IPF.

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. The already extensive interventional pulmonary program acquired a radial ultra sound probe for peripheral lung lesions.

The division, under the leadership of Dr. Jones, is continuing its successful initiative for 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 and 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 2014-2015. 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 Seeram 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 Associate 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/national meetings with faculty representing the University of Florida College of Medicine-Jacksonville by providing educational lectures in various topics of interest.

The faculty continues to mentor and supervise family medicine residents from the Navy residency program during their rotation in medical intensive care unit and have always received very positive feedback from the leadership of that program. In addition, we have been active in training nurse practitioners and physician assistants not only from the University of Florida sponsored training programs but also for the nurse practitioners.

**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, 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 has 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**

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<tr>
<th>Name</th>
<th>Title</th>
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<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
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<tr>
<td><strong>Abubakr Bajwa, M.D., Associate Professor and Division Chief</strong></td>
<td></td>
<td>King Edward Medical College</td>
<td>University of South Dakota</td>
<td>Mayo Graduate School of Medicine</td>
<td>1998</td>
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<tr>
<td><strong>James D. Cury, M.D., Associate Professor</strong></td>
<td></td>
<td>University of Miami</td>
<td>Barnes Hospital/Washington</td>
<td>Washington University</td>
<td>1981</td>
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</table>
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

Mariam Louis, M.D., Assistant Professor
Medical School / Graduation date McGill University 2000
Internship/residency and year McGill University 2003
Subspecialty training and year McGill University (Pulmonary Medicine) 2005
Johns Hopkins University (Sleep Medicine) 2007

Vandana Seeram, M.D., Assistant Professor
Medical School / Graduation date University of West Indies 2001
Internship/residency and year University of Florida/Jacksonville 2009
Subspecialty training and year University of Florida/Jacksonville 2012

PUBLICATIONS

Manuscripts:


Presentations:


Effects of PAH specific therapy on pulmonary hemodynamics and six minute walk distance in pulmonary hypertension secondary to interstitial lung disease: a meta-analysis. Shujaat A, Mourad B, Bajwa AA. American College of Chest Physician, Austin, TX, 2014.

A Case of LIP Pleural Effusion in HIV. Bashar M, Bhatti H, Shujaat A, Bajwa AA. American College of Chest Physician, Austin, TX, 2014.


The impact of inhaled treprostinil sodium inhalation on ventilation perfusion matching when used in patients with group 1 PAH with concomitant COPD. Bajwa AA, Patel M, Rahaghi F, Thomas C, Burger CD. American Thoracic Society. 2015, Denver, CO.


Effect of PAH specific therapy on pulmonary hemodynamics and 6 minute walk distance in chronic thromboembolic pulmonary hypertension: a meta-analysis. Faisal M, Bajwa AA, Shujaat A. American College of Chest Physician 2015, Montreal, Canada.
HONORS AND AWARDS

Lisa M Jones M.D.  Exemplary Teacher Awards  2015
Abubakr A Bajwa M.D.  Exemplary Teacher Awards  2015
Vandana Seeram M.D.  Exemplary Teacher Awards  2015

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Bajwa, AA</td>
<td>A Post marketing Observational Study to Assess Respiratory Tract Adverse Events in Pulmonary Arterial Hypertension Patients Treated with Tyvaso® (treprostinil) Inhalation Solution (ASPIRE)</td>
<td>3/16/12 – 3/16/18</td>
<td>United Therapeutics</td>
<td>60,217.75</td>
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<td>Bajwa, AA</td>
<td>Phase 3 study of efficacy and safety of Pirfenidone in idiopathic pulmonary fibrosis. (ASCEND).</td>
<td>9/20/11-9/20/14</td>
<td>Intermune</td>
<td>80,095.75</td>
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<td>Bajwa, AA</td>
<td>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</td>
<td>8/24/12-8/23/15</td>
<td>Sanofi-Aventis</td>
<td>23,072.00</td>
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<tr>
<td>Bajwa, AA</td>
<td>GS-US-322-0207 (RAINIER) A Phase 2 study for subjects with Idiopathic Pulmonary Fibrosis</td>
<td>1/30/13-1/29/16</td>
<td>Gilead</td>
<td>62,121.20</td>
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<td>Bajwa, AA</td>
<td>MOTION, Measuring Outcomes in Treatment Naive Patients</td>
<td>1/6/15-1/5/18</td>
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<td>Bajwa, AA</td>
<td>SYMPHONY: A Study Of Macitentan In Pulmonary Arterial Hypertension To Validate The PAH-SYMPACT</td>
<td>12/23/13-12/22/17</td>
<td>Actelion</td>
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<td>Bajwa, AA</td>
<td>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</td>
<td>10/10/13-10/9/16</td>
<td>United Therapeutics</td>
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<tr>
<td>Bajwa, AA</td>
<td>A treatment protocol to allow patients in the US with IPF access to Pirfenidone</td>
<td>7/8/14-7/17/17</td>
<td>Intermune</td>
<td>12,860.00</td>
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<tr>
<td>Bajwa, AA</td>
<td>A multicenter, double-blind, randomized, placebo-controlled, Phase 3 study to assess the efficacy and safety of oral BPS-314d-MR Added-on to treprostinil, inhaled (Tyvaso ®) in subjects with pulmonary arterial hypertension. (BEAT)</td>
<td>10/10/13-10/9/16</td>
<td>United Therapeutics</td>
<td>51,170.00</td>
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<td>Cury JD</td>
<td>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</td>
<td>1/7/2013-9/7/2015</td>
<td>Glaxo Smith Kline</td>
<td>74,527.50</td>
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<td>Jones LM</td>
<td>Implementation of a protocol, for early identification and management of sepsis, severe sepsis/septic shock patients - An institution wide multidisciplinary collaborative.</td>
<td>7/2012-9/2015</td>
<td>UF Clinical Quality Award Grant</td>
<td>25,000.00</td>
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</table>
DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2015 (7/14 - 6/15)

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 third rheumatology fellow in June 2015, from its UFCOM-J Rheumatology Fellowship training program. Of note the prior two fellows are not only ABIM board certified in Rheumatology, but also successfully attained the American College of Rheumatology RhMSUS certification for musculoskeletal ultrasound. In addition, the graduating fellow, Dr. Laurie Ramrattan successfully attained the International Society of Clinical Densitometry (ISCD) clinical certification in Densitometry during her final year. The division will plan to reapply for fellowship with increased faculty numbers in the next academic 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 sixth extremely successful annual CME musculoskeletal ultrasound sound training course. It was attended by national and international Rheumatologists as well as fellows in training.

Dr. Thway joined the Division in February 2015. She is a specialist in Internal Medicine and Clinical Immunology and Rheumatology. Dr. Thway serves as Assistant Professor at the University of Florida, College of Medicine-Jacksonville. She received her medical degree from the Institute of Medicine in Yangon, Myanmar, and completed her fellowship training at the University of Miami, Miller School of Medicine. Prior to this, she had served as a clinical educator at the same institution. She has special interest in Systemic Lupus Erythematosus as well as resident education and clinical research.

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 UF Health 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 through Friday, where we provide diagnostic musculoskeletal ultrasound and 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. It has graduated three fellows. Dr. Laurie Ramrattan graduated in June 2015 and has gone to Trinidad to practice Rheumatology. The fellowship provided a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound. The fellowship had accreditation until July 2015. The division will re-apply for fellowship in the next academic year.

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

The sixth Musculoskeletal Ultrasound Course in February 2015 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 organized the course, as well as serving as faculty providing lectures and practical ultrasound instruction. Dr. Thway served as the course assistant, as well as anatomy prosector and instructor. The course was attended by rheumatology educators and fellows from 28 States, as well as from Canada. The attendees were very complimentary of the innovative cadaver-based curriculum held in the UFCOM-J CSESaR Simulation Center. The division also hosted the Canadian Rheumatology Ultrasound Society (CRUS) Teach the Teachers Course in interventional musculoskeletal ultrasound, which was held at the CSESaR Simulation Center. It was received very well and was featured in the Canadian Society of Rheumatology newsletter. 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 training at the national and international levels. The division has also been deeply involved in musculoskeletal ultrasound advocacy by assisting the American College of Rheumatology and Florida Society of Rheumatology in coordinating efforts to interact with Medicare representatives.

E-Learning is an entrepreneur unique project that was pioneered by Dr. Kaeley. The aim of this project is to develop electronic learning content to cover basic Rheumatology Core Curriculum, as well as musculoskeletal ultrasound training material. Internal Medicine Residents need to assimilate core knowledge rapidly in order to gain the most out of the clinical Rheumatology rotations. This is now being developed as a blended learning project for the Rheumatology fellows as well as rotating internal medicine residents. Starting in June 2013, a blended learning system was introduced under the leadership of Dr. Kaeley for the Rheumatology Fellowship utilizing Canvas as a learning management system.

**Research:** The division has been growing its research enterprise. Although the division is active in numerous pharmaceutical trials, its emphasis is to develop investigator initiated trials as well as to seek grants. The division is collaborating with Center for Health Equity and Quality Research (CHEQR), as well as the UF Health Cardiology division. Projects so far have included studying cardiovascular health in Caucasian cocaine abusers, as well as correlating dysfunctional HDL with other imaging and cardiovascular biomarkers in South Asians. Dr. Kaeley was awarded the Dean’s Grant for the study on cardiovascular markers in South Asians. The division is actively collaborating with the University of California, Los Angeles Division of Rheumatology in a bi-center prospective trial of Tocilizumab in Rheumatoid Arthritis, utilizing Power Doppler as a secondary outcome measure. The division has also been evaluating Medicare Expenditures for Musculoskeletal Ultrasound as well as drug utilization. Members of the division are closely involved with the Outcome in Clinical Rheumatology Trials (OMERACT) musculoskeletal ultrasound group and is leading the project at developing sonographic outcome tools in psoriatic arthritis and dactylitis.
LISTING OF FACULTY MEMBERS

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

**Reza Taba, M.D., Assistant Professor**
Medical School/Graduation date: University of Isfahan 1970
Internship/residency and year: Medical College of Ohio 1976
Subspecialty training and year: University of Louisville School of Medicine 1978

**Myint Thway, M.D., Assistant Professor**
Medical School/Graduation date: Institute of Medicine, Yangon, Myanmar 2000
Internship/residency and year: Lutheran Medical Center, New York 2009
Subspecialty training and year: University of Miami, Miller School of Medicine 2014

**PUBLICATIONS**

**Manuscripts:**


**Book Chapters:**


**Electronic Publication Monographs:**

**Kaeley GS**, RA Ultrasound Module 3: The Evolving Role of Ultrasound in the Diagnosis and Management of Rheumatoid
Abstracts Presented:


Ramrattan LA, Kaeley GS. Vaccination Rates in Rheumatoid Arthritis Patients on Biological Disease Modifying Anti-Rheumatic Drugs. Poster Presentation at Education Day, University of Florida College of Medicine, Jacksonville, April 2015.


Activities and Presentations:


Kaeley GS Psoriatic Arthritis. Mayo Clinic Rheumatology Update, Ponte Vedra Beach, FL. April 2015.

Kaeley GS Musculoskeletal Imaging in Rheumatoid Arthritis. Mayo Clinic Rheumatology Update, Ponte Vedra Beach, FL. April 2015.


Kaeley GS Ultrasound Scoring in Rheumatoid Arthritis. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. Jan 2015.


Kaeley GS Invited Faculty for hands on instruction in workshops. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. Jan 2015.

Kaeley GS Musculoskeletal Ultrasound Test Examiner. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. Jan 2015.

Kaeley GS Role of Ultrasound in Diagnosis and Management of Rheumatic and Musculoskeletal Disorders for Rheumatologists. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, Jacksonville, FL. Jan 2015.


Kaeley GS Faculty for hands on instruction in workshops and cadaveric injection guidance sessions - Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, Jacksonville, FL. Jan 2015.


Kaeley GS Course director and Instructor. Indian Rheumatology Association Annual Congress, Chandigarh, India. November 2014.

Kaeley GS Live Demonstration: Scanning of the Shoulder American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists, Boston, MA. Nov 2014

Kaeley GS Invited faculty for hands on instruction - American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists, Boston, MA. Nov 2014.


Kaeley GS Faculty and Instructor Musculoskeletal Ultrasound Workshop at American College of Rheumatology Ultrasound Course, Boston, MA. Nov 2014.


Kaeley GS Sonography of the Foot and Ankle: Anatomy and Pathology. Clinical Applications of Musculoskeletal Ultrasound Conference, Ohio State University, Columbus, Ohio. August 2014.


Kaeley GS Program Director and Faculty for Hands on Instruction - Florida Society of Rheumatology Lower Extremity Ultrasound Course. Orlando, FL. July 2014.

**CLINICAL ACTIVITIES**

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<th>Inpatient activity</th>
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<td>US Guidance for Needle Placement</td>
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**CONTRACTS AND GRANTS**

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<th>Project Period</th>
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<th>Award Amount</th>
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<tr>
<td>Kaeley, G.</td>
<td>M13-550: A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study to Investigate the Safety and Efficacy of ABT-494 Given with Methotrexate (MTX) in Subjects with Moderately to Severely Active Rheumatoid Arthritis (RA) Who Have Had an Inadequate Response or Intolerance to Anti-TNF Biologic Therapy</td>
<td>6/19/2014 – Present</td>
<td>Abbvie</td>
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<td>Kaeley, G. Dodani, S. Co-PI</td>
<td>Association of Coronary Artery Calcium Scores (CACS) and Carotid Intima Media Thickness (CIMT) with HDL function: South Asian Immigrants HDL Study (SAIHDLS). Objective: To assess the prevalence of Dysfunctional HDL and Metabolic syndrome in high risk South Asians without coronary artery disease. To determine association of dysfunctional HDL with CIMT and CACs.</td>
<td>01/22/2015</td>
<td>UF COM, Jacksonville</td>
<td>Dean's Grant</td>
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Kaeley, G.  
Unrestricted equipment loan from Biosound Esaote. Objectives are to; (a) Review the feasibility of 3D and 4D Musculoskeletal Ultrasound; (b) Review the utilization of very high frequency linear ultrasound probes to examine finger enthuses; and (c) Examine the reliability and feasibility of radiofrequency acquisition of carotid intima thickening and carotid stiffness in rheumatic patients. Mentor: Sunita Dodani MD, MSc, PhD  
2009 – Present  
Biosound Esaote  
N/A

Kaeley, G.  
Musculoskeletal Ultrasound in Predicting Early Dose Titration with Tocilizumab. Collaborative investigator initiated study with University of California, Los Angeles. Objective: To determine if ultrasound Power Doppler synovitis scores at 4 weeks can provide early evidence to predict changes in disease activity at 12 weeks follow up in RA patients treated with 4mg/kg of TCZ.  
09/04/2014- Present  
UCLA  
$347,255.00

Kaeley, G.  
M13-375: A Multicenter, Randomized, Double-Blind, Study Comparing the Efficacy and Safety of Continuing Versus Withdrawing Adalimumab Therapy in Maintaining Remission in Subjects with Non-Radiographic Axial Spondyloarthritis  
01/24/2014- Present  
Abbvie  
$540,717.50

Kaeley, G.  
The CORRONA data collection program and CERTAIN study  
4/5/2012-2015  
Consortium of Rheumatology Research  
$8,175.00

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.  
7/7/2011-7/7/2014  
Amen, Inc.  
$38,093.70

Kaeley, G.  
Kaelen, T.  
M13-538: Phase 2 Study, Multicenter, Open-Label Extension (OLE) Study in Rheumatoid Arthritis Subjects Who Have Completed a Preceding Phase 2 Randomized Controlled Trial (RCT) with ABT-494  
10/22/2014- Present  
Abbvie  
$676,642.56

Kaeley, G.  
ML28542: Musculoskeletal Ultrasound in Predicting Early Dose Titration with Tocilizumab  
09/04/2014- Present  
UCLA  
$347,255.00