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ACADEMIC YEAR 2014 (7/13 – 6/14)

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   h. Pulmonary, Critical Care and Sleep Medicine
   i. Rheumatology and Clinical Immunology

Department of Medicine
University of Florida
College of Medicine–Jacksonville
653-1 West 8th Street, L20
Jacksonville FL 32209
904-244-8846
www.hscj.ufl.edu/medicine/
Dear Colleagues and Friends:

As one of the two major teaching sites of the University of Florida-College of Medicine, the Department of Medicine in Jacksonville pursues the three traditional missions of academic institutions; patient care, teaching and research. I will briefly describe the scope of accomplishments for the 2013-2014 academic year:

**Patient care:** The Department expanded clinical activities and finished the year with a positive variance to budget of $650,000. During the past year the Department added Bronchial Thermoplasty program and a program for continuous blood glucose monitoring as leading clinical services in Northeast Florida. Successful recruitment of highly talented faculty was achieved in all Divisions. Clinical operations were reorganized to reduce cost and increase the number of patient visits.

**Teaching:** Faculty members of the Department continue to excel in their mission of educating students and residents. The post graduate education program is thriving in the core and subspecialty programs and the Department continues to sponsor multiple continuing medical education venues. A setback for the Department was the loss of Rheumatology fellowship program accreditation. With the recruitment of new faculty, it is anticipated that this deficiency will be rectified by 2015.

**Research:** The Department had an exceptionally productive year in research. There were a total of 155 publications with 121 articles in peer reviewed journals, 8 book chapters, 21 monographs and one book authored by the faculty members. Faculty made 153 national and regional presentations. During academic year 2014, 74 research awards were acquired with doubling of total grant revenue compared to the previous academic year.

In reviewing this annual report, I feel privileged to serve as the Chairman of a Department with so many talented and productive faculty. I hope this report will serve as an insider look into the Department of Medicine and highlight our continuing commitment to excellence in patient care, teaching, and research.

Sincerely,

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

DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2014 (7/13 - 6/14)

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
Ronald Brown II, MD
Matthew Clark, MD

Housestaff I
Robert Ali, MD
Farah Al-Saffar, MD
Candice Baldeo, DO
Martin Cerda, DO
Sana Chaudhry, MD
Joshua Cohen, MD
Melissa Dakkak, DO
Marianne DeLima, MD
Ena Gupta, MD
Abdulwahab Hritani, MD
Somphanh Khousakoun, DO
Roshan Lala, MD
Nimeh Najjar, MD
Rahman Nakshabendi, MD
William Taylor Palfrey, MD
Fatoumata Sakho, MD
Joshua Samuel, MD
Daisy Torres-Miranda, MD
Aaron Winn, MD

Housestaff II
Tracy Ashby, DO
Amit Babbar, MD
Sharica Brookins, MD
Biliksu Gave, MD
Saif Ibrahim, MD
Kaitlyn 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

Housestaff III
Ahmad Alkaddour, MD
Jason Bellardini, MD
Jason Hew, MD
Alexandra Joseph, MD
Aisha Khan, DO
Paul Maraj, MD
Christina Mathai, MD
Trevanne Matthews-Hew, MD
Garry McCulloch, MD
Ke Ning, MD
Avinash Ramdass, MD
Wesley Thompson, DO
Jean Touchan, MD
Kasey Treger, DO

Medical School
University of Louisville School of Medicine
St. Matthews School of 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
University of Florida College of Medicine
Philadelphia College of Osteopathic Medicine
Universidad Nacional Autonoma de Honduras Facultad de Ciencias Medicas
Lady Hardinge Medical College
Aleppo University Faculty of Medicine
University of New England, College of Osteopathic Medicine
St. George’s University School of Medicine
Ross University School of Medicine
Hamdard College of Medicine & Dentistry
Ross University School of Medicine
American University of the Caribbean School of Medicine
St. George’s University School of Medicine
Ponce School of Medicine
Medical College of Georgia

Medical School
Debusk 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
Ross University School of Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
St. George’s University School of Medicine
St. George’s University School of Medicine

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

Cardiac Electrophysiology  
Steven Hsu, MD
Cardiology  
Steven Lavine, MD
Endocrinology  
Kent Wehmeier, MD
Gastroenterology  
James Scolapio, MD
Interventional Cardiology  
Ted Bass, MD
Infectious Disease  
Michael Sands, MD
Medical Oncology  
Dat Pham, MD
Nephrology  
Charles Heilig, MD
Pulmonary Critical Care  
J. Davis Cory, MD
Rheumatology  
Gurjit Kaeley, MD

Subspecialty Fellow - Housestaff IV

Nicholas Agresti, MD - Cardiology  
American University of the Caribbean School of Medicine
Nader Bahri, MD - Nephrology  
Qazvin University of Medical Sciences, Shahid Babaei Faculty of Medicine
Khyati Baxi, MD - Cardiology  
University of South Carolina School of Medicine
Juan Blum-Guzman, MD - Gastroenterology  
Universidad Catolica de Santiago de Guayaquil Facultad de Ciencias Medicas
Angel Chan, MD - Cardiology  
University of Illinois College of Medicine
Taylor Dowsley, MD - Cardiology  
Finch University of Health Science/Chicago Medical School
Valeria Duarte, MD - Cardiology  
Universidad Favaloro Facultad de Ciencias Medicas
Madhu Emami, MD – Medical Oncology  
Bangalore Medical College
Muhammad Faisal, MD – Pulmonary Critical Care  
Dow Medical College
Gabriel Faz, MD - Cardiology  
University of Texas Medical School at Houston
Sahil Garg, MD - Nephrology  
Maulana Azad Medical College
Carmen Isache, MD – Infectious Disease  
Universitatea de Medicina si Farmacie Grigore T. Popa
William Kurban, MD - Endocrinology  
University of Aleppo Faculty of Medicine
Phuong Ngo, MD - Cardiology  
University of Oklahoma College of Medicine
Asuka Ozaki, DO - Cardiology  
Texas College of Osteopathic Medicine
Laurie Ramrattan, MD - Rheumatology  
University of the West Indies School of Medicine, Trinidad & Tobago
Harshit Shah, MD - Endocrinology  
Pramukhswami Medical College
Furqan Siddiqi, MD - Pulmonary Critical Care  
Sindh Medical University
Estela Thano, DO  
Lake Erie College of Osteopathic Medicine

Subspecialty Fellow - Housestaff V

Ramandeep Bambrah, MD - Oncology  
Ross University School of Medicine
Charles Bennin, MD - Cardiology  
UMDNJ-New Jersey Medical School
Zaid Brifkani, MD - Nephrology  
Ross University School of Medicine
Linda Engwenyu, MD - Cardiology  
Brown University School of Medicine
Jacinta Green, MD - Cardiology  
Rosalind Franklin University Chicago Medical School
Sujai Jalaj, MD - Gastroenterology  
SUNY at Downstate - Brooklyn College of Medicine
Priyanka Jalandhara, MD - Rheumatology  
Pandit Deendayal Upadhyay Medical College
Wassim Jawad, MD - Cardiology  
St. George's University School of Medicine
Ann Lee, MD - Gastroenterology  
Ross University School of Medicine
Salma Makhoul-Ahwach, MD - Endocrinology  
Lebanese University Faculty of Medicine
Vinoo Ramsaran, MD – Pulmonary Critical Care  
University of the West Indies School of Medicine, Trinidad & Tobago
Hasan Riaz, MD - Nephrology  
Nishtar Medical College
Amita Singh, MD – Pulmonary Critical Care  
M.P. Shah Medical College
Kamaldeep Singh, DO - Cardiology  
Nova Southeastern College of Osteopathic Medicine
Melanie Thomas, MD - Endocrinology  
Florida State University College of Medicine
Shobha Vootukuri, MD – Infectious Disease  
JJM Medical College
Louise Zhou, MD - Medical Oncology  
Ross University School of Medicine
### Subspecialty Fellow - Housestaff VI
- **Alian Aguila, MD** - Cardiology
- **James Altman, MD** - Cardiology
- **Aamir Amin, MD** - Cardiology
- **Hammad Bhatti, MD** - Pulmonary Critical Care
- **Ankur Girdhar, MD** - Pulmonary Critical Care
- **Line Kemeyou, MD** - Cardiology
- **Bijo K. John, MD** - Gastroenterology
- **Camille McGaw, MD** - Gastroenterology
- **Raguveer Murthy, MD** - Cardiology

### Subspecialty Fellow - Housestaff VII
- **Cesar Bonilla, MD** - Cardiac Electrophysiology
- **Edward Carraway, MD** - Interventional Cardiology
- **Morhaf Ibrahim, MD** - Cardiac Electrophysiology
- **Amit Nanavati, MD** - Interventional Cardiology

### Medical School
- University of Miami School of Medicine
- Medical University of South Carolina College of Medicine
- Texas A & M University College of Medicine
- King Edward Medical College, University of Punjab
- All-India Institute of Medical Sciences
- University of Texas Southwestern Medical School at Dallas
- Rajiv Gandhi University of Health Sciences
- Howard University College of Medicine
- University of South Florida College of Medicine

- Universidad de Cartagena Facultad de Medicina
- University of Alabama School of Medicine
- University of Damascus Faculty of Medicine
- Texas A & M University College of Medicine
Highlights

The Academic year of 2013-2014, was a year in which the Internal Medicine Program as well as the Fellowship Programs underwent significant changes to meet the new ACGME requirements. Areas such as quality improvement, patient safety, milestones, disparities in health care delivery, and transitions in care were just some of the subjects of focus for the training programs. The Institution had its first CLER site visit which went remarkably well. Still enjoying full accreditation and robust cycle lengths, the training programs continued to focus on excellence in education, research and clinical care as well as recruiting strong interns and then providing them with the mentorship to become successful in the future. 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 93%, 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 the trainees have put into board preparation as well as the teaching contributions from the faculty.

As with the ABIM exam, the USMLE is another exam that serves as a good predictor of future trainee success. The incoming class for the academic year 2013-14 had a cumulative two digit score of 94, marking the highest for any incoming class. When averaged with the other two current classes the two digit score of 92.6 is another program best. Superior achievement in the USMLE exam is very important for the Internal Medicine residency because it portends future success on the ABIM exam. Therefore, having three current classes with high exam marks will hopefully reflect sustained high board pass rates.

The fellowship match was another bright spot in the residency program. Most of the residents who applied to residency were successful in getting into the fellowships of their choice. When combined with the chief residents the specialties of Medical Oncology, GI, Pulmonary/Critical Care, Nephrology, Cardiology, and Infectious disease will all be represented by one of this year’s graduating class. Of course the ever growing popularity of Hospital medicine has attracted several of our graduates, 3 of whom will be practicing here in Jacksonville. The program now has roughly 65% of its graduates enter fellowship training programs, and the match rate of graduates within 1 year of graduation is an impressive 90%.

The chief residents for the past academic year, Drs. Ron Brown and Matt Clark, had big shoes to fill from their predecessors, but they welcomed the challenge and became great leaders as well as teachers. Serving as mentors for both medical students and residents, these young professors are the front lines of our most critical teaching scenarios. Morning Reports, simulation training sessions, Medical Jeopardy, portfolio advising, and the intern lecture series are just some of the examples where our chiefs lead the way in educating our trainees. As well, Dr. Nilmarie Guzman completed in her first full year as Associate Program Director, a position that she has relished and therefore begun taking on greater responsibilities. Her contributions to curriculum development and management as well as mentorship are integral to the success of the residency. 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. In this role he is now charged with the new ACGME requirements of determining the resident’s progression through the Reporting Milestones.

The Department of Medicine was successful again in receiving several Exemplary Teacher Awards. This
year there were 18 recipients, topping last year's impressive number of 14. The awardees include (arranged alphabetically): Drs. Dominick Angiolillo, Abubakr Bajwa, Doug Chapman, Joe Chehade, James Cury, Linda Edwards, Ashwani Gupta, Nilmarie Guzman, Lisa Jones, Jeffrey House, Cristian Landa, Alan Miller, Fauzia Rana, Pramod Reddy, Michael Sands, Elisa Sottile, Kent Wehmeier, and Robert Zaiden. As with years past, the Department of Medicine had great success at the University's Annual Research Day. About 37% of platform and poster presentations of fellows and residents were made by the members of the Department. Of the platform presentations, Dr. Alexandra Joseph was the first place prize winner. The residents continue to work tirelessly on abstract presentations for local, regional and national platforms. 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 are several of the venues in which the core program was proud to have representation. Resident research accounted for an astounding 3 research grants, 6 published manuscripts, 29 published abstracts and 62 poster/oral presentations. This is by far the most scholarly activity that our program has done in one academic year.

Subspecialty Fellowship Programs: This past academic year marks the first year that all 10 fellowships were up to full complement. Most are enjoying long accreditation cycles at the present time as well. The only unfortunate news amongst the Department in terms of GME is the recent loss of the Rheumatology Fellowship. Despite this setback, the Department has worked tirelessly to get the necessary faculty to reestablish this previously successful program. And although some programs have undergone leadership changes, the majority have been stable and have even added associate program directors. The UF Health campus was successful in starting a Palliative Care Fellowship which will be accepting its first fellows in the 2014-15 academic year. Details regarding the individual programs are available for review in the individual Division Reports.

Student Education: Dr. Cristian Landa and Dr. Carlos Palacio provided excellent leadership in the arena of Medical Student Students continue to have rotations in inpatient and ambulatory settings, as well as some subspecialty experiences. Expanding experiences and lectures are some of the areas that have required the most attention over the past year, but there are always existing areas that demand continual evaluation and revision. The inpatient medicine experience is has been voted as one of the most popular experiences for 3rd year students on both campuses. Requests for elective rotations from students from other medical schools continue to grow, further evidence of the positive experience that students have had on our campus.

LISTING OF PROGRAM LEADERSHIP

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Jeff House, D.O., Associate Professor and Program Director</td>
<td>Medical School / Graduation date: Nova Southeastern University 1997</td>
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<tr>
<td></td>
<td>Rotating Internship: Broward General Hospital 1998</td>
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<td></td>
<td>Internship/residency and year: University of Florida Jacksonville 2001</td>
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<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Carlos Palacio, MD, Associate Professor, Associate Program Director and Associate Clerkship Director</td>
<td>Medical School / Graduation date: University of Miami 1993</td>
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<tr>
<td></td>
<td>Internship/residency and year: University of Florida Jacksonville 1996</td>
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<tr>
<td></td>
<td>Chief Medical Resident: University of Florida Jacksonville 1997</td>
</tr>
</tbody>
</table>
Nilmarie Guzman, MD, Assistant Professor and Associate Program Director
Medical School / Graduation date  Ponce School of Medicine  1996
Internship/residency and year  Damas Hospital  1999
Subspecialty training and year  Infectious Diseases/University of Florida Jacksonville  2006

Cristian O. Landa, MD, Assistant Professor and Student Clerkship Director
Medical School / Graduation date  Ross University School of Medicine  2009
Internship/residency and year  University of Florida Jacksonville  2012

Ronald Brown II, MD, Post-doctoral Associate and Chief Medical Resident
Medical School / Graduation date  University of Louisville School of Medicine  2010
Internship/residency and year  University of Florida Jacksonville  2013
Chief Medical Resident  University of Florida Jacksonville  2014

Matthew T. Clark, MD, Post-doctoral Associate and Chief Medical Resident
Medical School / Graduation date  St. Matthews University School of Medicine  2010
Internship/residency and year  University of Florida Jacksonville  2013
Chief Medical Resident  University of Florida Jacksonville  2014

PUBLICATIONS

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

Published manuscripts


Published abstracts


**Presentations**

Tariq K. Racial differences and pancreatic cancer: a five year retrospective review of stage at diagnosis, insurance status and choice for hospice care versus aggressive treatment at an inner city university program. Poster presentation at: American Society of Clinical Oncology Annual Meeting; Chicago, IL. June 2014.

Tariq K. Breast cancer and racial disparity between Caucasian and African American women, Part 1 (BRCA-1) Poster presentation at: American Society of Clinical Oncology Annual Meeting; Chicago, IL. June 2014.


Alkaddour A. African Americans do not develop Barrett’s esophagus following erosive esophagitis. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.

Baldeo C. Dyspnea on exertion in an otherwise healthy male. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.


Joseph A. Patients with left ventricular function improvement after biventricular ICD implant have decreased risk of ventricular tachycardia or fibrillation. Platform presentation, 1st place winner at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.
Khan A. Institution of a sustainable chart review process at an internal medicine residency program. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.


Ning K. Adrenalectomy of solitary adrenal metastasis from small cell lung cancer combined with chemotherapy and radiotherapy can improve survival. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.


Ramdas A. Factors related to failure of non-invasive positive pressure ventilation leading to invasive mechanical ventilation. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.


Treger K. Sjogren's induced CD4+ lymphocytopenia causing pulmonary mac (mycobacterium avium complex) infection. Poster presentation at: UF College of Medicine Research Day; Jacksonville, FL. May 15, 2014.

Alkaddour A. Barrett's esophagus: diagnosis and management. Poster presentation at: Digestive Disease Week; Chicago, IL. May 2014.

Nakshabendi R. Choice of sedation and its impact on adenoma detection rate (adr). Results from a retrospective study. Poster presentation at: Digestive Disease Week; Chicago, IL. May 2014.

Nakshabendi R. A case of gastrointestinal histoplasmosis (GIH). Poster presentation at: Digestive Disease Week; Chicago, IL. May 2014.


Onyenekwe J. Severe sepsis from myrodies. Oral presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2014.


Nakshabendi R. A case of plunging GIST presenting as intermittent dysphagia. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2014.

Brookins S. A rare type of anemia associated with mixed connective tissue disease. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2014.


McCurdy K. Foreign body aspiration masquerading as asthma. Poster presentation at: American Federation of Medical Research Southern Section Annual Meeting; New Orleans, LA. February 2014.


Nakshabendi R, Clark MT. A case of plunging GIST presenting as intermittent dysphagia. Duval County Medical Society; Jacksonville, FL. December 2013.

Nakshabendi R, Clark MT. A case of gastrointestinal histoplasmosis (GIH). Duval County Medical Society; Jacksonville, FL. December 2013.


Tariq K. TNBC vs. non-TNBC: a five year retrospective review of differences in mean age, family history, smoking history and stage at diagnosis at an inner city university program. Poster presentation at: Southern Hospital Medicine Annual Mtg; New Orleans, LA. November 2013.


Alkaddour A. An unusual case of cirrhosis. Poster presentation at: American College of Gastroenterology; San Diego, CA. October 2013.


Touchan J. Unusual cause of Pneumonia in near drowning victim. Poster presentation at: Florida Chapter American College of Physicians; St. Pete Beach, FL. October 2013.


GRANTS


HONORS AND AWARDS

Robert Ali, MD Intern of the Year
Avinash Ramdass, MD Resident of the Year
Cristian Landa, MD Teacher of the Year
Saif Ibrahim, MD Best Conference Attendance
Alexandra Joseph, MD Procedure Completion
Sharica Brookins, MD ACP Resident of the Year

Jean Touchan, MD; Saif Ibrahim, MD and Taylor Palfrey, MD competed for the American College of Physicians, Florida Chapter - Doctor’s Dilemma™ State Team.

Garry McCulloch, 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.

Kasey Treger, DO 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 2014 DESTINATIONS

<table>
<thead>
<tr>
<th>Professional status</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Chief Medical Residents</strong></td>
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<tr>
<td>Ronald Brown II, MD</td>
<td>Gastroenterology Fellowship</td>
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<tr>
<td>Matthew Clark, MD</td>
<td>Gastroenterology Fellowship</td>
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<td>University of Florida Jacksonville</td>
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<tr>
<td><strong>Preliminary Residents</strong></td>
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<tr>
<td>Joshua Cohen, MD</td>
<td>Ophthalmology Residency</td>
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<tr>
<td>Marianne De Lima, MD</td>
<td>Neurology Residency</td>
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<td>Somphanh Khousakoun, DO</td>
<td>Neurology Residency</td>
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<td>Fatoumata Sakho, MD</td>
<td>Neurology Residency</td>
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<td>Aaron Winn, MD</td>
<td>Radiology Residency</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td><strong>Categorical Residents</strong></td>
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<td>Ahmad Alkaddour, MD</td>
<td>Hospital Medicine</td>
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<td>Jason Bellardini, MD</td>
<td>Chief Medical Resident</td>
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<td>Jason Hew, MD</td>
<td>Medical Oncology Fellowship</td>
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<td>Alexandra Joseph, MD</td>
<td>Hospital Medicine</td>
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<td>Aisha Khan, DO</td>
<td>Infectious Disease Fellowship</td>
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<td>Paul Maraj, MD</td>
<td>Nephrology Fellowship</td>
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<td>Christina Mathai, MD</td>
<td>Hospital Medicine</td>
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<td>Trevanne Matthews-Hew, MD</td>
<td>Medical Oncology Fellowship</td>
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<td>Ke Ning, MD</td>
<td>Pulmonary CC Fellowship</td>
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<td>Avinash Ramdass, MD</td>
<td>Hospital Medicine</td>
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<td>Wesley Thompson, DO</td>
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<td>Kasey Treger, DO</td>
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<td>Chattanooga, TN</td>
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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.

External funding from federal, state, industry and foundation sources increased 88.0% this fiscal year compared to last. This correlated with a slight increase in the number of funded investigators (from 15 investigators last fiscal year to 18 investigators this fiscal year) (Figure 2) and a significant increase in the number funded projects (from 49 projects last fiscal year to 74 this fiscal year) (Figure 3).
Several faculty members in the Department of Medicine have basic/translational science projects in the Medical Research Building. **Michael Haas, Ph.D.** (Endocrinology) is investigating molecular mechanisms that regulate expression of genes involved in cholesterol transport and oxidative and endoplasmic reticulum stress in endothelial cells. **Kent Wehmeier, M.D.** (Endocrinology) is investigating cholesterol metabolism and transport in osteocytes. **Claudia Gragnoli, M.D., Ph.D.** (Endocrinology) is investigating the genetic basis for type 2 diabetes and metabolic syndrome and their links to psychiatric disorders. **Charles Heilig, M.D.** (Nephrology and Hypertension) is examining the regulation of glucose transporter 1 expression by mechano-growth factor. **Cristian Landa, M.D.** (General Internal Medicine) is investigating the potential protective effect of vitamin D on hepatitis C virus infection in hepatocytes. **Leighton James, M.D.** (Nephrology and Hypertension) is examining the roles of various growth factors in diabetic kidney disease.

Residents and sub-specialty fellows in the Department of Medicine are assigned a mentor and participate in basic, translational, epidemiological, or clinical research. Eight 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, over 37% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. **Alexandra Joseph, M.D.** and **Shobha Vootukuri, M.D.** placed first and third place, respectively, in the oral platform competition. **William Kurban, M.D.** received the fourth place prize for his poster presentation. 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 2014 (7/13 - 6/14)

Highlights

Clinical program development remained robust including:

- Construction/remodeling of EP lab room 2
- Construction of Hybrid OR in the Cath lab. Site of where TAVR program will take place
- Negotiations of Live Oak Contract for Physician services in Live Oak 3 days a week. Contract to start in FY 15
- Plans for a Cardiology Practice at Shands North, 3rd floor office suite.
- Plans of collaboration with Neurology for Multidisciplinary office at Emerson, restructuring the Cardiovascular Office.
- Continue to expand the Cardiology Research Program with additional staff, increasing number of trials and a plan to move to a stand-alone research building.
- Change in Leadership, new Non-Invasive Medical Director and new Fellowship Director as well as new Inpatient Medical Director
- Moved CVICU in with CCU while 5 South renovations take place for new CVCIU.

Patient Care:

Cardiology Goals for 2014-15 are as follows:

- Start TAVR program
- Incorporate CT surgery into Cardiology, hire new CT surgeons. Restructure the CT surgery program
- Start office practice as well as Cath /EP practice in the New MOB, Shands North
- Start Live Oak partnership
- Restructure Inpatient Unit utilizing new beds on 5 South
- Move Cardiology Research Program to new building.
- Market EP services, aggressive A fib program
- Start ECMO Committee/discussions on bringing ECMO to UF Health
- Restructure Valve Program under leadership of Dr. Pirris

Education: Cardiovascular faculty have received one exemplary teaching award. All three fellowships remain competitive and are comfortably in mid review cycles. Our fellows and residents have received several research awards including Dean’s grants and several presentations on Research Day. Our post doc research fellows have also received this recognition.

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

Research: Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have over 40 active clinical trials, many of which are locally investigator initiated. We have published 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 CV societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding.
### Listing of Faculty Members

#### 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
<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>Steven Lavine, M.D., Professor</td>
<td>Medical School / Graduation date</td>
<td>Temple University</td>
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<td>Internship/residency and year</td>
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<td>Mount Sinai</td>
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<td>Alan Miller, M.D., Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Pittsburgh</td>
<td>1966</td>
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<td>University of Mississippi</td>
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<td>Subspecialty training and year</td>
<td>Mass General Hospital</td>
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<tr>
<td>Robert Percy, M.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
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<tr>
<td>Joel Strom, M.D., M.Eng., Adjunct Professor</td>
<td>Medical School / Graduation date</td>
<td>State University of New York Upstate Medical University</td>
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<td></td>
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<td>Albert Einstein College of Medicine</td>
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<tr>
<td>Gladys Velarde, M.D., Associate Professor</td>
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<td>New York University School of Medicine</td>
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<td>Columbia Presbyterian Medical Center</td>
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<td>Subspecialty training and year</td>
<td>Boston University/Mount Sinai Hospital</td>
<td>1998</td>
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<tr>
<td>Thomas Wannenburg, M.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Stellenbosch, South Africa</td>
<td>1982</td>
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<td>John Hopkins Bayview Medical Center</td>
<td>1991</td>
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<td>Cardiovascular Disease, Wake Forest University</td>
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<td>Subspecialty training and year</td>
<td>Cardiac Electrophysiology, Wake Forest University</td>
<td>2001</td>
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<tr>
<td>Martin Zenni, M.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Chicago</td>
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<td>Internship/residency and year</td>
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<td>Subspecialty training and year</td>
<td>Harvard Medical School</td>
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**PUBLICATIONS**

**Peer-reviewed manuscripts:**


Abstract presentations:


**Book chapters:**


**CLINICAL ACTIVITIES**

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<th>Outpatient Activity</th>
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<td>Physician clinic visits</td>
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<td>Cardiac ultrasounds</td>
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<td>Cardiac nuclear studies</td>
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<td>EP procedures</td>
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<td>Cardiac rehab visits</td>
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*Attendings Only: Jacksonville Clinic=8776, Lake Shore=1656, Emerson=2089, St Marys =3213*
## CONTRACTS AND GRANTS

<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>Angiolillo, D</td>
<td>Effects of cigarette smoking on clopidogrel induced antiplatelet effects in patients with coronary artery disease</td>
<td>2010-2013</td>
<td>James and Esther King Biomedical Research Program/NIR Grant</td>
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<tr>
<td>Angiolillo, D</td>
<td>Impact of Ticagrelor Reload on Platelet Aggregation in Patients on Chronic Ticagrelor</td>
<td>2013-2014</td>
<td>IIS Grant</td>
</tr>
<tr>
<td>Angiolillo, D</td>
<td>Impact of In Vitro Cangrelor in Prasugrel Treated Patients</td>
<td>2013-2014</td>
<td>IIS Grant</td>
</tr>
<tr>
<td>Angiolillo, D</td>
<td>Eval of Switching from Prasugrel to Ticagrelor</td>
<td>2014-2016</td>
<td>IIS Grant</td>
</tr>
</tbody>
</table>
Highlights

The Division of Endocrinology, Diabetes and Metabolism had a year of sustained growth and development in all areas of the academic mission of the University of Florida. Clinically, major events included expansion of clinical services and clinical research. The endocrinology faculty initiated new in vitro investigations into hormonal action with new acquisitions in the laboratory. Academically, the Division submitted multiple publications and contributed immensely to the University’s educational mission and many training programs at the University of Florida, as well as non-university affiliated health care providers.

Patient care: The division provides inpatient and outpatient consultation for the University of Florida College of Medicine-Jacksonville campus and at Emerson Medical Plaza, as well as for referring physicians in the northeast Florida /southern Georgia region and beyond. Dr. Joe Chehade, Dr. Arshag Mooradian, Dr. Mae Sheikh-Ali and Dr. Kent Wehmeier are the core clinical faculty. The division addresses clinical Endocrinology problems related to hypothalamus, pituitary, thyroid, pancreas, adrenal and sex hormone gland dysfunction. Patients with metabolic disorders including diabetes mellitus, metabolic syndrome, obesity, anorexia, hypercholesterolemia, calcium and metabolic diseases such as osteoporosis and vitamin D deficiency are evaluated and treated. The division’s main clinical operations occur at UF Endocrinology and Diabetes at Emerson Medical Plaza. The number and variety of consultations continue to ascend. Patients are also evaluated at the UF Health-Jacksonville Ambulatory Care Center (ACC). Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier perform analyses of the glucose monitoring data, obtained by continuous glucose monitoring to make recommendations regarding diabetes management. Diabetes care has been matured by the partnering of outpatient diabetes education with the Division of Endocrinology. Meredith Smith, MS, RD, LD, provides onsite education at the UF Emerson location for diabetes management, carbohydrate counting and medical nutrition therapy (MNT.) Dr. Chehade and Dr. Sheikh-Ali both utilize ultrasound guidance for the evaluation of patients with thyroid nodules, and thyroid cancer to provide comprehensive care to patients with thyroid disease.

A unique collaboration with the 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. This collaboration is coordinated through Dr. Sheikh-Ali.

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

On the inpatient service, many more patients are served by endocrinology consultation. The division also presented evaluation and management techniques in the areas of diabetes, thyroid disease and osteoporosis to UF Family Practice clinics to facilitate optimal care of patients with these conditions.

Education: The Endocrinology Fellowship continues to maintain its ACGME accreditation, under the direction of Dr. Kent Wehmeier and 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. All four fellows have made substantive contributions to the clinical care, education and research mission of the Division. Dr. Hagop Kojanian and Dr. Anna Swietlik accepted positions in private practice in Boston, Massachusetts, and Tampa, Florida, respectively. Dr. Salma Makhoul, from the Henry Ford Hospital in Detroit, Michigan, and Dr. Melanie Thomas, from Mayo Clinic Jacksonville, continue to make contributions.

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

In the educational program of University of Florida, medical students and physician assistant students, Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier are in preceptor clinics in Endocrinology and coordinate lectures for the University of Florida medical students, residents in medicine and emergency medicine. The Division’s Endocrinology Grand Rounds provide an avenue for speakers at UF Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF.

Research: Strides have been made in making clinical research more attractive to industry and to potential subjects. Under the guidance of division members, the awards and numbers of subjects have continued to grow. Additional research staff has been added to grow the Division's efforts. The basic science research lab continues to be a place of learning and scholarly activity. Investigations regarding the effects of multiple hormones on the expression of the most important protein in the high density lipoprotein (HDL) particle, Apo AI, and the involvement of endoplasmic reticulum (ER) stress and oxidative stress in coronary artery disease continue to reveal critical insights. The division made a strong showing at the University of Florida College Of Medicine Jacksonville Research Day, with presentation of five posters; one poster received a third place award and a platform presentation garnered a fourth place award in the judging. All four fellows had poster presentations displaying their research at national meetings, including the American Association of Clinical Endocrinology and the Endocrine Society. Four investigator-initiated clinical trials are also in the process of studying topics in thyroid disease and macronutrient metabolism.

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

LISTING OF FACULTY MEMBERS

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

Michael Haas, Ph.D., Research Associate Professor
Graduate School/Graduation date University of Nebraska Medical Center 1991
Post-Graduate Training and year McArdle Laboratory for Cancer Research 1994

Arshag D. Mooradian, M.D., Professor and Chairman, Department of Medicine
Medical School / Graduation date American University of Beirut 1980
Internship/residency and year American University of Beirut 1982
Subspecialty training and year University of Minnesota 1985
PUBLICATIONS

Monographs:

Publications:


**Abstracts/ Presentations:**


**Chehade, J.M.,** Amelia Island Internal Medicine Review 2013. Diabetes in Older Adults.


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


<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
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</thead>
<tbody>
<tr>
<td>Kent Wehmeier, MD</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>Boerrhinger-Ingelheim</td>
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<td>Joe Chehade, MD</td>
<td>A trial comparing cardiovascular safety of insulin degludec versus insulin glargine.</td>
<td>11/13-12/20</td>
<td>Novo-Nordisk</td>
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<tr>
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<td>Multiple dose trial examining dose range, escalation and efficacy of oral semaglutide in subjects with type 2 diabetes.</td>
<td>11/13-02/15</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>
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<td>Bristol-Myers Squibb</td>
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<tr>
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<td>Title</td>
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<td>Start Date</td>
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<td>Mae Sheikh-Ali, MD</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>Novo-Nordisk</td>
<td>05/14-04/17</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>Hanmi</td>
<td>04/14-04/17</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>Novo-Nordisk</td>
<td>02/14-02/17</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>Eli Lilly</td>
<td>01/13-01/16</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>Novo-Nordisk</td>
<td>09/12-09/15</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>Novo-Nordisk</td>
<td>07/12-06/14</td>
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<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>Novo-Nordisk</td>
<td>07/12-07/15</td>
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<td>A trial comparing the efficacy and safety of insulin degludec/insulin aspart once daily in insulin-naive subjects with type 2 diabetes mellitus when using two different titration algorithms.</td>
<td>Novo-Nordisk</td>
<td>05/11-05/14</td>
</tr>
<tr>
<td></td>
<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>Boehringer-Ingelheim</td>
<td>04/11-04/17</td>
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<td>A Phase 3b, Multicenter, Randomized, Single-blind, Parallel Group Trial of the Effects of Titrated Oral SAMSCA® (Tolvaptan) 15, 30, or 60 mg QD Compared to Placebo Plus Fluid Restriction on Length of Hospital Stay and Symptoms in Subjects Hospitalized with Dilutional Hyponatremia.</td>
<td>Otsuka/Covance</td>
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<td>Two Approaches to Escalate Lispro Therapy in Patients with Type 2 Diabetes Mellitus Not Achieving Adequate Glycemic Control on Basal Insulin Therapy and Oral Agents Alone.</td>
<td>Eli Lilly</td>
<td>09/10-09/16</td>
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<td>A 26-week randomized, controlled, open label, multicenter, multinational, treat to target trial investigating the impact of dietary intervention on weight change and the relationship between weight change and baseline body mass index (BMI) in subjects with type 2 diabetes inadequately controlled on oral anti-diabetic drugs (OADs) initiating insulin therapy with insulin detemir in combination with metformin.</td>
<td>Novo-Nordisk</td>
<td>08/10-09/13</td>
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<td>Randomized Clinical Trial of Subcutaneous Analog Basal Bolus Therapy Versus Sliding Scale Human Regular Insulin in the Hospital Management of Hyperglycemia in Non-Critically Ill Patients without Know History of Diabetes: The HMH Trial (F3Z-US-IOPZ).</td>
<td>Eli Lilly</td>
<td>07/10-09/13</td>
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<td>The Impact of LY2189265 versus Insulin Glargine Both in Combination with Insulin Lispro for the Treatment to Target of Type 2 Diabetes Mellitus (AWARD-4: Assessment of Weekly Administration of LY2189265 in Diabetes-4).</td>
<td>Eli Lilly</td>
<td>06/10-07/13</td>
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<td>Michael Haas, PhD</td>
<td>The effect of ebselen on human coronary artery endothelial cell function. Co-investigator.</td>
<td>Deans Fund Research Award</td>
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<td>The effect of vitamin D on cholesterol efflux in human macrophage cells. Co-investigator.</td>
<td>Deans Fund Research Award</td>
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<td>Investigation into the insulinotropic properties of black seed (Nigella sativa) in hepatocytes. Co-investigator.</td>
<td>Deans Fund Research Award</td>
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<td>The effect of diet soda consumption on appetite-regulatory peptides. Co-investigator.</td>
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<td>A molecular basis for inhibition of HDL synthesis by polycyclic aromatic hydrocarbons. Investigator</td>
<td>Deans Fund Research Award</td>
<td>10/12-04/14</td>
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<td>Immunomodulatory activity of vitamin D and metabolites on hepatitis C virus replication. Co-investigator.</td>
<td>Deans Fund Research Award</td>
<td>10/12-10/13</td>
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<td></td>
<td>Cholesterol transport in osteocytes and their response to inflammatory cytokines. Co-investigator.</td>
<td>Deans Fund Research Award</td>
<td>10/12-10/13</td>
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Division of Gastroenterology  
Academic Year 2014 (7/13 - 6/14)

Highlights

The Division of Gastroenterology had an outstanding 2013-2014 fiscal year. Clinically, the Division has significantly reduced patient waitlist 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 satisfactions 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: 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 8th street, Emerson and UF Beach campuses. In addition to routine endoscopic procedures, the following procedures are provided for our patients: high resolution esophageal manometry, BRAVO ph testing, capsule endoscopy, single balloon enteroscopy, infusion therapy with biologics for IBD patients and treatment and counseling for patients with viral hepatitis 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 5 key faculty members, as defined by the ACGME, include Dr. Emely Eid, 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>Faculty Member</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Subspeciality training and year</th>
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<tbody>
<tr>
<td>Robert Bass, M.D., Assistant Professor</td>
<td>Medical College of Georgia 1988</td>
<td>University of South Alabama 1991</td>
<td>University of Florida – Jacksonville 1993</td>
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<tr>
<td>Amie Deutch, M.D., 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>
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<tr>
<td>Emely Eid M.D., 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>
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<tr>
<td>Juan Munoz, M.D., Associate Professor</td>
<td>Universidada Complutense, Spain 1991</td>
<td>University of Florida – Jacksonville 2001</td>
<td>University of Florida – Jacksonville 2004</td>
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<tr>
<td>James Scolapio, M.D., 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., Assistant Professor</td>
<td>University of Miami 1996</td>
<td>Medical College of Virginia 1999</td>
<td>University of Florida – Jacksonville 2003</td>
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</table>

### PUBLICATIONS


**Presentations:**


John BK, Nakshabendi R, Mourad B, **Munoz JC**. Choice of sedation and its impact on Adenoma Detection Rate (ADR). Results from a retrospective study. Poster Presentation at: Digestive Disease Week (DDW), Chicago, IL. May 2014.


**Blum JP, Agresti N.** Disparity in Hepatitis C treatment between a resident based clinic and private insurance claims. Poster presentation at: UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2014.

Lee A, Nakshabendi R, **Eid E**. Effects of Treatment with Immunomodulators and Biologic agents on Sexual health in Inflammatory bowel disease patients. Poster presentation at: UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2014.

Nakshabendi R, Lee A, **Eid E**. Effects of Treatment with Immunomodulators and Biologic agents Sleep health in Inflammatory bowel disease patients. Poster presentation at: UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2014.


Agresti SJ, Blum JP, **Munoz JC**. CT colography vs. Colonoscopy – A patient preference study: Comparing a community based hospital to a university based program. UF College of Medicine Jacksonville Research Day, Jacksonville, FL. May 2014.


**Scolapio JS.** Short Bowel Syndrome: Intestinal Rehabilitation. Baptist Health System Grand Rounds. Coral Gables, FL. April 2014


McGaw C, Alkaddour A, **Munoz JC**. “Stent type used does not impact complication rate or placement time but can decrease treatment cost for benign and malignant esophageal lesions. Poster presentation at: American College of Gastroenterology Annual Scientific Meeting, San Diego CA. Oct 2013.

John BK, Mourad B, **Munoz JC**. Is there was a significant increase in adenoma detection rate when using propofol sedation in comparison to conscious sedation? A single center experience. American College of Gastroenterology (ACG), San Diego, CA. Oct. 2013.


**Book Chapters and Monographs:**


---

**CLINICAL ACTIVITIES**

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<td>Baptist Beaches Inpatient Procedures (IDX)</td>
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<td>St. Lukes Inpatient Procedures (IDX)</td>
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<td>Baptist Beaches Outpatient Procedures (IDX)</td>
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<td>Jax Beach Surgery Center Outpatient Procedures (IDX)</td>
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<td>Jacksonville Surgery Center (IDX)</td>
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Highlights

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

Patient Care: The Division of General Internal Medicine is comprised of 13 members, including the two chief medical residents. All full time faculty are certified by the American Board of Internal Medicine. The clinical care provided by members of the division include the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at 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, through put 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 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**

- **Lori A. Bilello, Ph.D., M.B.A., M.H.S., Assistant Professor, Associate Director, CHEQR**
  - PhD Health Services Research
  - Master of Business Administration
  - University of Florida
  - 1998
  - University of Florida
  - 2012

- **Linda Edwards, M.D., Associate Professor, Associate Chairman and Division Chief**
  - Medical School / Graduation date: East Carolina University
  - Internship/residency and year: Jacksonville Health Education Programs
  - 1981
  - 1985

- **Malcolm Foster, M.D., Adjunct Professor**
  - Medical School / Graduation date: Bowman Gray School of Medicine
  - Internship/residency and year: University of Florida, Gainesville
  - Subspecialty training and year: University of Florida, Gainesville (Infectious Disease)
  - 1963
  - 1966
  - 1967
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<th>Name</th>
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<tr>
<td><strong>Alan Halperin, M.D., Professor</strong></td>
<td>University of Kansas</td>
<td>University of Wisconsin</td>
<td>1971</td>
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<tr>
<td><strong>Jeffrey House, D.O., Associate Professor</strong></td>
<td>Nova Southeastern College of Osteopathic Medicine</td>
<td>University of Florida – Jacksonville</td>
<td>1997</td>
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<tr>
<td><strong>Rafik Jacob, M.D., Assistant Professor</strong></td>
<td>Ain Shams University</td>
<td>Rhode Island Hospital/Brown University</td>
<td>1994</td>
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<tr>
<td><strong>Hsiao-Yen Kuo, M.D., Assistant Professor</strong></td>
<td>Institute of Medicine II, Myanmar</td>
<td>Wyckoff Heights Medical Center</td>
<td>1999</td>
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<tr>
<td><strong>Cristian Landa, M.D., Assistant Professor</strong></td>
<td>Ross University</td>
<td>University of Florida – Jacksonville</td>
<td>2009</td>
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<tr>
<td><strong>Ghania Masri, M.D., Assistant Professor</strong></td>
<td>Damascus University, Syria</td>
<td>Cleveland Clinic Foundation</td>
<td>1989</td>
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<tr>
<td><strong>Carlos Palacio, M.D., M.P.H., Associate Professor</strong></td>
<td>University of Miami</td>
<td>University of North Florida</td>
<td>1993</td>
</tr>
<tr>
<td><strong>Pramod Reddy, M.D., Associate Professor</strong></td>
<td>Sri Dev Raj Urs Medical College, India</td>
<td>Stony Brook University Hospital</td>
<td>1992</td>
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</table>
**Tanya Reimschissel, D.O., Assistant Professor**  
Medical School / Graduation date: Lake Erie College of Osteopathic Medicine 2010  
Internship/residency and year: University of Florida College of Medicine-Jacksonville 2013

**Elisa Sottile, M.D., Assistant Professor**  
Medical School / Graduation date: Temple University School of Medicine 1993  
Internship/residency and year: University of Pennsylvania 1997

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**PUBLICATIONS**

**Monographs:**


**Publications:**


**Abstracts/ Presentations:**

**House J, Landa C.** This intern is a 10 out of 10. Using EPAs to create more objective multisource evaluations. Oral presentation at: University of Florida Medical Education Week; Jacksonville, FL April 11, 2014.
Tariq K, Jacob R, Wood D, Edwards L. From JaxHATS to PAIDD: A pilot program to educate internal medicine residents in the care of adults with intellectual and developmental disability. Poster presentation at: University of Florida Medical Education Week April 10, 2014.


Brookins S, Landa C. A rare anemia in a patient with mixed connective tissue disease. Poster presentation at: Southern Regional Meeting of the American Federation for Medical Research. New Orleans, LA. 2013


Livingood W, Bilello LA, Sorensen B. “Factors influencing the variation in costs in the delivery of STD services in Florida” presented at Academy Health Annual Research Meeting, San Diego, CA, June 2014.


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

**HONORS AND AWARDS**

Linda Edwards, M.D. Hanson Professorship of Medicine
University of Florida Exemplary Teacher Award 2014

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 2014

Cristian Landa, M.D. University of Florida Exemplary Teacher Award 2014

Pramod Reddy, M.D. University of Florida Exemplary Teacher Award 2014

Elisa Sottile, M.D. University of Florida Exemplary Teacher Award 2014
CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<th>Project Period</th>
<th>Funded Amount</th>
<th>Sponsor</th>
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<tr>
<td>Edwards, L</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>Diabetes PQRS Study</td>
<td>2013-2014</td>
<td>Unfunded</td>
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<td>Masri, G</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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<td>Diabetes PQRS Study</td>
<td>2013-2014</td>
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<td>Landa, C</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>
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<td>(Principle)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
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<tr>
<td>Hanson Professorship</td>
<td>Linda Edwards, M.D.</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. Lara Zuberi from the Henry Ford Hospital in Detroit, MI. The division consists of 2 board certified medical oncologist and 2 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.

Dr. Rana volunteers at the We Care Clinic where she sees patients and provides free services to underserved patients. Dr. Rana participated at the public forum on “What Everyone Should Know about Breast Health” and organized a CME faculty development program in Lahore, Pakistan in collaboration with Dr. William Salazar from Georgia Regents University on Lerner-Centered Approach to the Diagnosis and Management of Depression in the Medically Ill Patient. The Oncology division hosted a CME program presented by invited speaker, Christopher Cogle, M.D., Associate Professor at UF Health Cancer Hospital on “Myelodysplastic Syndromes: Optimizing Patient Outcomes”. 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 divisional activities. Dr. Rana, Division Chief, Hematology and Medical Oncology and Associate Program Director, continues to provide care and leadership as Director of the Adult Sickle Cell Program. Dr. Rana serves as key clinical faculty for Internal Medicine as a member of Resident Education Committee and is a member on the Community Hospice Advisory Board. 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. Robert Zaiden is key clinical faculty for the UF Health Jacksonville Cancer Committee and Transfusion Committee and continues his efforts with the Multi-specialty GI Cancer Program. Dr. Zaiden works very closely with UF Medicine Jacksonville and the Department of Surgery. Dr. Lara Zuberi serves as the Compliance Leader for the Department of Medicine and is the Hematology and Medical Oncology champion for the Head and Neck Multidisciplinary program with ENT and Radiation Oncology at UF Health Jacksonville. Drs. Zuberi and Zaiden are the champions for the UF Health Jacksonville implemented Epic version of chemotherapy treatment – Beacon.

Patient care: Patient care is provided 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. Robert Zaiden and Dr. Lara Zuberi. 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.

Education: In 2009, after a successful ACGME site visit, our Medical Oncology Fellowship Program received 5 year accreditation. The Medical Oncology Fellowship, under the direction of Program Director, Dr. Dat Pham, has remained strong and matched top candidates with 100% ABIM subspecialty board pass rate, with 2 positions filled for July 2014.

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. Dr. Ramandeep Bambrar accepted a position in private practice in San Francisco, California.

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. Educational materials and latest cancer treatment guidelines are provided to faculty, fellows, and staff at our quarterly oncology pharma expo.

Two faculty members from our division, Dr. Fauzia Rana and Dr. Robert Zaiden, were chosen 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 5 clinical trials. All faculty actively participate in the UF Proton Therapy research trials. Research in the division varies among the faculty. We are currently collaborating with Mayo and have been grandfathered into the ALLIANCE cooperate group, as an affiliate site, which merged ACOSOG, CALGB, and NCCTG. Dr. Rana was involved in The Pilot Study Impact of Vaginal Dehydroepiandosterone (DHEA) on Vaginal Symptoms in Female Cancer Survivors: Trial N10C1 (Alliance). This clinical trial was a monumental success which led to the acceptance of oral and poster presentation at the 2014 ASCO Annual Meeting, in Chicago, IL, 2014.

The Hematology/Oncology Division produced 4 monographs, 19 publications, 3 abstracts, and 10 presentations during the academic year.

**LISTING OF FACULTY MEMBERS**

**Fauzia Rana, M.D., Associate Professor and Division Chief**
- Medical School / Graduation date: Fatima Jinnah Medical College, 1982
- Internship/residency and year: University of Rochester New York, 1990
- Subspecialty training and year: Dana Farber Deaconess Hospital/Harvard, 1993

**Dat Pham, M.D., Associate Professor**
- Medical School / Graduation date: University of Florida Jacksonville, 1997
- Internship/residency and year: University of Florida Jacksonville, 2000
- Subspecialty training and year: University of Florida Jacksonville, 2002

**Robert Zaiden, M.D., Assistant Professor**
- Medical School / Graduation date: University of St. Matthews, 2003
- Internship/residency and year: University of Florida Jacksonville, 2007
- Subspecialty training and year: University of Florida Jacksonville, 2009
PUBLICATIONS

Monographs:


Publications:


**Abstracts/ Presentations:**


Zaiden R. Colorectal Cancer. Oral presentation at: University of Florida College of Medicine-Jacksonville, FL, Department of Medicine Grand Rounds, February 12, 2014.


Rana F. What Everyone Should Know About Breast Health. Oral Presentation at: Omni Jacksonville Hotel, Jacksonville, FL,

HONORS AND AWARDS

Fauzia Rana, M.D. University of Florida Exemplary Teacher Award 2014
Robert Zaiden, M.D. University of Florida Exemplary Teacher Award 2014

CLINICAL ACTIVITIES

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<td>Rana, F</td>
<td>Evaluation of Quality of Life, Pain, and Depression with Vitamin D Replacement in Post-Menopausal Breast Cancer Patients Receiving aromatase inhibitor therapy</td>
<td>06/01/2014-06/01/2015</td>
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<td>Rana, F</td>
<td>Vaginal DHEA for Vaginal Symptoms: A Phase III Randomized, Double-Blind, Placebo-Controlled Trial</td>
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<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>
<td>$36,457.00</td>
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<td>Rana, F</td>
<td>An Open Label Assessment of Safety and Efficacy of Ruzolitinib (INCBO18424-258) in subjects with Primary Myelofibrosis</td>
<td>08/12/2011-08/12/2014</td>
<td>Incyte Incorporation</td>
<td>$5,775.00</td>
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<td>Rana, F</td>
<td>A Randomized, Double-Blind, Placebo Controlled Study of the JAK Inhibitor INCBO18424-351 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>
<td>$1,625.00</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>
<td>$3,062.00</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>
<td>$4,625.00</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>$24,094.00</td>
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<td>Rana, F</td>
<td>The Chronic Lymphocytic Leukemia Disease Registry</td>
<td>03/20/2011-03/20/2014</td>
<td>Celgene</td>
<td>$12,556.00</td>
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<td>Rana, F</td>
<td>Connect MM: The Multiple Myeloma Disease Registry</td>
<td>03/20/2011-03/20/2014</td>
<td>Celgene</td>
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DIVISION OF INFECTIOUS DISEASES
ACADEMIC YEAR 2014 (7/13 - 6/14)

Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of 4 University based infectious diseases consultants, all of whom are dually boarded in internal medicine and infectious diseases; 1 nurse research coordinator and 1 travel medicine nurse. An additional 10 community based board certified infectious diseases physicians and a doctoral level microbiologist are actively involved in various aspects of the fellowship training program.

The division provides inpatient clinical consultation in infectious 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 maintains an ACGME accredited Infectious Diseases fellowship training program and actively participates in the training of internal medicine residents and medical students in inpatient and outpatient infectious diseases. The division has a contract with the Duval County Health Department (DCHD) to provide consultation and clinical care to the counties’ HIV/AIDS patients in DCHD specialty clinics.

Members of the division also assume administrative and teaching roles in ID division and IM activities. Dr. Sands is the university ID Division Chief and ID Division 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 oversees fellow’s research initiatives and is actively involved in Internal Medicine resident teaching and impaired adolescents clinics. Dr. Guerrero brings years of private ID consultation experience to his fellowship teaching.

Patient care:

University ID Division inpatient and hospital based activity: The division provides full time inpatient infectious diseases consultation throughout the UF Health/Jacksonville Hospital system. During the 2013-2014 academic year, the division has performed over 440 inpatient infectious diseases consultations.

Outpatient services: The division offers outpatient ID consultation by referral at the Emerson and the Ambulatory Care Clinic (ACC) subspecialty clinics. During the 2013-2014 academic year, there were over 1160 outpatient ID consultative visits.

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

Under contract with the DCHD, the division provided clinical care and the availability of NIH funded research participation opportunities for the HIV/AIDS seen at the DCHD specialty clinics. During the 13-14 academic year, ID division physicians delivered or over-sighted the care for over 1,200 HIV/AIDS patient visits at DCHD specialty clinics.

Education:

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

Fellowship Training: The division maintains an ACGME accredited fellowship in infectious diseases with one fellow for each of the 2 clinical fellowship years. The fellowship program has been re-accredited on a 5 year cycle. The fellowship training is unique in offering 2 months of clinical microbiology, dedicated research
time, 2 months of training in solid organ transplantation ID at the Mayo Clinic, 1 month training in Pediatric Infectious Diseases at Wolfson Children's' Hospital and 1 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 distinguishing themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time Infectious Diseases consultants in a variety of metropolitan areas including San Francisco, Atlanta, 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 management rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.

**Medical Student Education:** Medical students rotate on the infectious diseases consultative service and the outpatient ID clinics at both the ACC and Emerson campuses.

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

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

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

Scholarly activity this past academic year has included: 4 abstracts presented at UF Research Day, 5 published ID monographs and 13 journal articles published in peer reviewed journals.
### Community Teaching Faculty:

**Mayo Clinic - Transplantation ID**
- Walter Hellinger, M.D.
- Julio Mendez, M.D.
- Salvatore Alvarez, M.D.
- Lisa Brumbacker, M.D.
- Wendy Bosch, M.D.

**Wolfson Childrens’ Hospital – Pediatric ID**
- Ana Alvarez, M.D.
- Nizar Maraqa, MD/ Ayeshia Mirza, MD

**Duval County Health Department – Communicable Diseases Clinics**
- Wilfredo Sanchez, M.D.
- Jeffrey Lauer, M.D.

**Microbiology Laboratories**
- Yvette McCarter, Ph.D.
- Sharon Crowe, B.S., M.S.

### Publications


Monographs:

### CLINICAL ACTIVITIES

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<td><strong>Outpatient activity</strong></td>
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<td>Clinic Visits</td>
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## GRANTS AND CONTRACTS

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<tr>
<td>Sands, M.</td>
<td>An International Observational Study to Characterize Adults Who are Hospitalized with Complications of Influenza A - Pandemic H1N1</td>
<td>9/1/09-5/31/13</td>
<td>INSIGHT- NIH</td>
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<td></td>
<td>A Multicenter NIH sponsored Study of the International Network for Strategic Initiatives in Global HIV Trials (INSIGHT) (FLU 003 Study)</td>
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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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DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2014 (7/13 - 6/14)

Highlights

In the 2013 – 2014 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 addition of Simulation Training and a new Pediatric Nephrology experience. 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 2014, with grant support from Dialysis Clinics Inc. and visiting professors from the University of Miami VAMC and Georgia Regents University. The Division also recently welcomed new member Lynne Conderman, ARNP who is involved in outpatient dialysis patient care and nephrology clinics.

Dr. James presented his growth factor research work on diabetic nephropathy at the American Society of Nephrology meeting. Dr. Ashwani Gupta, with a clinical research interest in dialysis, has developed roles in four clinical research trials, with topics including treatment of membranous glomerulonephritis, the P-DOPPS 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 growth factors in kidney disease.

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 2014 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 more than 70 patients. The total chronic dialysis population cared for by UFCOM-J Nephrologists has reached approximately 290 patients. Dr. Ashwani Gupta and Dr. Andreea Poenariu have Nephrology Clinics at Emerson Medical Plaza, while additional clinics are staffed at the Towers Clinic on campus by all 5 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 Center, the PD Clinic, and fellow participation in an associated Vascular Access Clinic located in the Department of Surgery. The inpatient Nephrology Consult Service continued with a high level of activity and a daily census of approximately 25-45 patients. This service was split into two separate services: Acute Renal Disease Consults and the Chronic Dialysis Consults. These services continue to provide important educational platforms for fellows and medical residents. Dr. Gupta continued as Medical Director of Dialysis Services, and has worked to continuously improve the dialysis services. Dr. Ronald Mars continued in his position as Quality Officer for the Division.

The Nephrology Division also continues to work with the Department of Surgery to optimize placement of permanent vascular access for patients preparing for hemodialysis, and improvements have been
recognized toward goals of the Fistula First Program. The Post-Renal Transplant Clinic continued to serve as another platform for education of the fellows and care of patients previously transplanted at this program.

**Education:** Dr. James, Associate Professor of Medicine and Assistant Program Director from 2011–2013, initiated the fellows’ Renal Physiology Course in 2010, which continues as an important addition to the nephrology educational experience. The joint Renal Pathology conference with UF Jacksonville & 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 2014 CME Symposium provided by the Division of Nephrology was well attended and well received. This is an important educational venue for fellows and faculty alike. The Division plans another course in the spring of 2015. Visiting professors, Dr. Leopoldo Raij, Dr. Stanley Nahman and Dr. Thomas DuBose, provided special lectures in renal physiology, molecular biology and hypertension during the academic year, which complemented the fellows’ educational program. The Nephrology faculty continue to participate in educational programs for the Medicine residents, including the Night Float Rotation, Medicine Residents’ Noon Conference, 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 were incorporated into the Fellowship Training Program and Rotation Evaluations.

**Research:** The topics of research studies in the Division of Nephrology 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 diabetic kidney disease. This laboratory continues to be funded by DCI, Inc. Dr. James’ laboratory focuses on growth factors in the pathogenesis of diabetic nephropathy. Dr. Gupta’s research primarily focuses on research in anemia management of ESRD, dialysis access hemodynamics, PD practice patterns, and uremic pruritis. Dr. Mars’ current 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 - 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 six publications, 21 abstracts and presentations, and one basic science Invention during the academic year. There were also two grants (Research & Education) this year.

**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 a Simulation Lab 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
PUBLICATIONS

Manuscripts:


Abstracts & Presentations:


Bahri N. and et al, Rapidly progressive renal failure due to lambda light chain systemic amyloidosis, Poster Presentation at: LRC Building UF Health; Jacksonville, FL, May 2014.


Heilig C. Prevention of Diabetic and Hypertensive Nephropathy. Oral presentation. Update in Internal Medicine Symposium,


**Heilig C.** Roles for Glucose Transporters in Renal Disease. Oral presentation. Conference on Basic Science Applications to Clinical Nephrology, Wayne State University School of Medicine, Detroit, Michigan, 2013.


**HONORS AND AWARDS**

<table>
<thead>
<tr>
<th>Ashwani Gupta, M.D.</th>
<th>Exemplary Teacher Award, UFCOM-J</th>
<th>2013 – 2014</th>
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<tr>
<td>Ashwani Gupta, M.D.</td>
<td>Night of Heroes Honoree</td>
<td>2014</td>
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<tr>
<td>Leighton James, M.D.</td>
<td>Night of Heroes Honoree</td>
<td>2014</td>
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<td>Charles Heilig, M.D.</td>
<td>Chair, Dept. of Defense Research Grant Reviews, Renal; Keynote Speaker, 4th World Congress on Diabetes &amp; Metabolism, 2013.</td>
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**CLINICAL ACTIVITIES**

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## CONTRACTS AND GRANTS

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<td>Heilig, C</td>
<td>Roles of GLUT1 &amp; Glucose in the Progression of Nondiabetic Glomerulosclerosis</td>
<td>2/12 – 2/15</td>
<td>Dialysis Clinics Inc.</td>
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<tr>
<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>3/12-current</td>
<td>Questcor Pharmaceuticals</td>
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DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE  
ACADEMIC YEAR 2014 (7/13 - 6/14)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has had continued growth with addition of Dr. Mariam Louis who joined the Division in November 2013 and Dr. Vandana Seeram who joined the Division in July 2013. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. Clinically, we have had continued growth in the Bronchial Thermoplasty program for refractory asthma. 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 has initiated a Pulmonary Rehabilitation program in conjunction with the Department of Physical Therapy and has started a High Altitude Simulation Testing (HAST) program which will be overseen by Dr. Shujaat as the Director of Pulmonary Function Laboratory.

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. Janice Wood, RRT has now assumed the role of 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 division, under the leadership of Drs. Bajwa and Jones, is continuing its efforts for an institution wide implementation of sepsis recognition and management protocol.

The inpatient pulmonary consult service continues to be busy and with the continued evolution of the bronchoscopy suite 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 2013-2014. 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 Jones 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 preparing to be a part of the neuro-critical care program.

Research: The Division has been very successful in obtaining and continuing its clinical research trials along with funded research. The funded research includes dean’s grants, UF clinical quality grant and investigator initiated trials. Dr Singh won best abstract prize from American College of Chest Physicians and Dr. Bhatti earned a scholarship from American Thoracic Society for his original research.

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

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

The faculty has had an increasing number of publications in peer review journals and 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

<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>Abubakr Bajwa, M.D.</td>
<td>Associate Professor and Division Chief</td>
<td>King Edward Medical College 1998</td>
<td>University of South Dakota 2003</td>
<td>Mayo Graduate School of Medicine 2007</td>
</tr>
<tr>
<td>James D. Cury, M.D.</td>
<td>Associate Professor</td>
<td>University of Miami 1981</td>
<td>Barnes Hospital/Washington 1984</td>
<td>Washington University 1987</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:

Shujaat A, Bellardini J, Girdhar A, Bajwa AA. Use of pulmonary arterial hypertension specific therapy in over-weight and obese patients with obstructive sleep apnea and pulmonary hypertension. Accepted pending publication. Pulm Circ.

Bajwa AA, Shujaat A, Cury JD, Bhatti H, Qureshi T, Jones LM, Seeram V, Louis M. Comparison of baseline characteristics of pulmonary arterial hypertension patients that require combination therapy compared to those maintained on monotherapy. Accepted pending publication. Pulm Circ.


Presentations:


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


HONORS AND AWARDS

Lisa M Jones M.D. Exemplary Teacher Awards 2014
Abubakr A Bajwa M.D. Exemplary Teacher Awards 2014
James D Cury M.D. Exemplary Teacher Awards 2014

CLINICAL ACTIVITIES

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## CONTRACTS AND GRANTS

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<th>Award</th>
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<tr>
<td>Bajwa, A</td>
<td>Effects of combination of bosentan and sildenafil versus sildenafil monotherapy on morbidity and mortality in symptomatic patients with pulmonary arterial hypertension A multicenter, double-blind, randomized, placebo-controlled, parallel group, prospective, event driven Phase IV study (Compass 2).</td>
<td>9/17/09-9/29/13</td>
<td>Actelion</td>
<td>32,592.55</td>
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<td>Bajwa, A</td>
<td>AMBITION. A randomized controlled trial to evaluate first-line combination use with ambrisentan, and tadalafil, a PDE5 inhibitor, in patients with PAH.</td>
<td>10/5/10-1015/14</td>
<td>Gilead</td>
<td>24,658.38</td>
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<td>Bajwa, A</td>
<td>A Phase 3, Double-Blind, Multicenter, Randomized, Placebo-Controlled Trial Evaluating Repeated Courses of Aztreonam for Inhalation Solution in Subjects with non-CF Bronchiectasis and Gram-Negative Endobronchial Infection (AIR-BX2).</td>
<td>6/13/11-7/11/13</td>
<td>Gilead</td>
<td>6,774.23</td>
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<tr>
<td>Bajwa, A</td>
<td>An open label study to evaluate impact of inhaled treprostinil Sodium on ventilation perfusion matching when used for treatment of pulmonary hypertension and concomitant chronic obstructive pulmonary disease (COPD). United Therapeutics Investigator Initiated Study Grant.</td>
<td>7/29/11-10/25/13</td>
<td>United Therapeutics</td>
<td>133,667.03</td>
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<tr>
<td>Jones, L</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>7/6/12-7/6/13</td>
<td>Clinical Quality Award Grant</td>
<td>25,000.00</td>
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<tr>
<td>Bajwa, A</td>
<td>A Postmarketing Observational Study to Assess Respiratory Tract Adverse Events in Pulmonary Arterial Hypertension Patients Treated with Tyvaso® (treprostinil) Inhalation Solution (ASPIRE)</td>
<td>3/6/12-9/9/14</td>
<td>United Therapeutics</td>
<td>15,974.02</td>
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<tr>
<td>Bajwa, A</td>
<td>Phase 3 study of efficacy and safety of Pirfenidone in idiopathic pulmonary fibrosis. (ASCEND).</td>
<td>9/20/11-10/14/13</td>
<td>Intermune</td>
<td>32,107.91</td>
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<td>Shujaat, A</td>
<td>IKARIA Protocol IK-7001-PAH-201 – A Phase 2, Placebo Controlled, Double-Blind, Randomized, Clinical Study to Determine Safety, Tolerability And Efficacy of Pulsed, Inhaled Nitric Oxide (iNO) Versus Placebo As Add-On Therapy in Symptomatic Subjects With Pulmonary Arterial Hypertension (PAH)</td>
<td>9/5/12-9/4/15</td>
<td>IKARIA</td>
<td>4,620.00</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>1/7/13-1/7/16</td>
<td>Glaxo Smith kline</td>
<td>22,957.84</td>
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<td>Cury, JD</td>
<td>A Randomized, Placebo-controlled, Double-blind, Parallel Group, Multi-Center Study to Assess the Safety and Efficacy of Tiotropium Bromide (18 µg) Delivered Via the HandiHaler® in Chronic Obstructive Pulmonary Disease (COPD) Subjects Recovering From Hospitalization for an Acute Exacerbation</td>
<td>10/22/12-10/21/15</td>
<td>Boehringer Ingelheim</td>
<td>4,149.37</td>
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<td>Bajwa, A</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>7/3/12-7/2/15</td>
<td>Sanofi-Aventis</td>
<td>13,103.55</td>
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<td>Bajwa, A</td>
<td>An Open-Label Extension Study of the Long-Term Safety of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis (IPF)</td>
<td>8/24/12-8/24/15</td>
<td>Intermune</td>
<td>15,188.00</td>
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</table>
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. The division had significant accomplishments in patient care, research and education.

The division successfully graduated the second rheumatology fellow in June 2014, from its UFCOM-J Rheumatology Fellowship training program. 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 fifth successful annual CME musculoskeletal ultrasound sound training course. It was also successful in directing and hosting the American College of Rheumatology Intermediate ultrasound course in Jacksonville and utilizing the Simulation Center. It was attended by rheumatologists from all over the world.

Dr. Pappa left the institution in 2013. We are grateful for her efforts for the Division. Dr. Reza Taba was later recruited and started work in November 2013. Dr. Taba is a specialist in Internal Medicine and Clinical Immunology and Rheumatology. He serves as Assistant Professor at the University of Florida College of Medicine and as Medical Director at UF Health Rheumatology at Emerson. Dr. Taba received his medical degree from the University of Isfahan, School of Medicine, Iran, and completed his fellowship at the University of Louisville School of Medicine, Kentucky. He joins our faculty with vast experience and we are grateful to have him. Despite the reduction in faculty members, we maintained our growth and hard work by increasing our publications and outpatient visits, compared to the previous year. Our faculty members were featured in local, national and international professional meetings, served on expert advisory boards and as professional journal reviewers and participated in local and professional medical societies. Currently, we offer the most up to date patient care and rheumatology services to our patients both in the inpatient and outpatient settings.

The Division of Rheumatology and Clinical Immunology was able to build and maintain its research unit. After overcoming many challenges, the division has maintained its budget and has a robust pipeline of pharmaceutical studies.

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

**Patient care:** Despite faculty reduction, we were able to maintain our clinical volume and growth. Patients with numerous medical conditions including, but not limited to, many types of arthritis, lupus, scleroderma, myositis, autoimmune and systemic diseases, osteoporosis, connective tissue diseases related to inflammation and metabolic dysfunction, soft tissue conditions and pain such as fibromyalgia. We continue to be on the forefront of providing the very up to date rheumatology services and 24/7 consultations at UF Health Jacksonville, the Ambulatory Care Clinic and our dedicated outpatient clinic at Emerson Medical Plaza. 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 now graduated two fellows. Dr. Priyanka Jalandhara graduated in June 2013 and is going to Private Practice in Bangor, Maine. The fellowship provides a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound. The fellowship has accreditation until July 2015. Further faculty are required for re-application of accreditation.

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

The fifth Musculoskeletal Ultrasound Course in February 2014, 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. The course was attended by rheumatology educators and fellows from 28 states, as well as from Russia. The attendees were very complimentary of the innovative cadaver based curriculum held in the UFCOM-J CSESaR simulation center. The division also hosted the third American College of Rheumatology Intermediate Ultrasound Course in June 2014, directed by Dr. Kaeley. It also utilized the innovative interventional cadaver training at the simulation center. The division is grateful for the hard work of the simulation staff in making the courses such a success. The division also continues to be heavily involved with musculoskeletal ultrasound at the national level. 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 and Dr. Pappa. The aim of this project is to develop electronic learning content to cover basic Rheumatology Core Curriculum, as well as musculoskeletal ultrasound training material. Internal Medicine residents need to assimilate core knowledge rapidly in order to gain the most out of the clinical Rheumatology rotations. This is now being developed as a blended learning project for the Rheumatology fellows as well as rotating internal medicine residents. 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.
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

Chrysoula Pappa, M.D., Assistant Professor
Medical School/Graduation date Aristotle University of Thessaloniki 2001
Internship/residency and year Albany Medical College 2007
Subspecialty training and year Albany Medical College 2009

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

PUBLICATIONS

Manuscripts:


Abstracts Presented:


Jalandhara P and Kaeley GS. Those are not Rheumatoid Nodules! Presented at Research Day, University of Florida College of Medicine, Jacksonville, May 2014. Presented at Research Day, University of Florida College of Medicine, Jacksonville, May 2014.


Ramrattan LA and Kaeley GS. Ultrasound Characteristics of Extensor Tendon Abnormalities and Peritendinous Fluid in Rheumatoid Arthritis. Poster presentation at the American College of Rheumatology National Scientific Meeting, October 2013, San Diego, CA. Arthritis and Rheumatism 2013 65 SUPPL. 10 (S1944)

Ahmed G, Goss SL, Klein CE, Mozaffarian N, Kaeley GS and Awni W. Adalimumab In Combination with High and Low Dose-Methotrexate in Rheumatoid Arthritis Patients with Inadequate Response to Methotrexate: Pharmacokinetic Results From The Musica Study. Poster presentation at the American College of Rheumatology National Scientific Meeting, October 2013, San Diego, CA. Arthritis and Rheumatism 2013 65 SUPPL. 10 (S1467)

**Book Chapters:**

**Activities and Presentations:**


*Kaeley GS* Program Director and Faculty for hands on instruction for the American College of Rheumatology Intermediate Ultrasound Course for Rheumatologists with Interventional Cadaveric Workshop. Jacksonville, FL. June 2014.


*Kaeley GS* Neurosonology of the Wrist. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. May 2014.

*Kaeley GS* Use of Sonography in Rheumatology, Indications, Defining Remission. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. May 2014.

*Kaeley GS* Sonopathology of the Hand and Wrist. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. May 2014.

*Kaeley GS* Sonography and Sonopathology of the Shoulder. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. May 2014.


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. Feb 2014.


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. Feb 2014.


Kaeley GS Invited Faculty for Hands on Instruction - Second National Musculoskeletal Ultrasound Course, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, India. December 2013.


Kaeley GS Invited Faculty for Hands on Instruction - American College of Rheumatology ultrasound course, San Diego, CA. October 2013.

Kaeley GS Faculty One on One Expert Instruction Pilot Program at the American College of Rheumatology Annual Meeting. San Diego, CA. October 2013.

Kaeley GS Faculty Musculoskeletal Ultrasound Workshop at American College of Rheumatology annual meeting. San Diego, CA. October 2013.

Kaeley GS Faculty Musculoskeletal Ultrasound Workshop at the 2nd World Congress in Ultrasound in Medical Education. Columbia, South Carolina. September 2013.

Kaeley GS OMERACT Definitions of Sonopathology. Canadian Rheumatology Ultrasound Society Meeting. McMaster
University, Hamilton, ON. September 2013.


Kaeley GS  Sonography of the Shoulder. Krishna Institute of Medical Sciences, Hyderabad, India. August 2013.

Kaeley GS  Ultrasound of the Foot and Ankle. Krishna Institute of Medical Sciences, Hyderabad, India. August 2013.

Kaeley GS  Invited Faculty for Hands on Instruction. Krishna Institute of Medical Sciences, Hyderabad, India. August 2013.


Kaeley GS  Invited Faculty for Hands on Instruction - Florida Society of Rheumatology Ultrasound Course. Orlando, FL. July 2013.

**CLINICAL ACTIVITIES**

<table>
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<tr>
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<tr>
<td><strong>Inpatient Activity</strong></td>
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<tr>
<td>Initial IP Encounters</td>
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<tr>
<td><strong>Outpatient Activity</strong></td>
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<tr>
<td>Clinic Visits</td>
<td>3291</td>
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<td>US, extremity, nonvascular</td>
<td>465</td>
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<td>US Guidance for Needle Placement</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>
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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>
<td>$387,022.40</td>
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<td>Kaeley, G</td>
<td>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</td>
<td>01/24/2014- Present</td>
<td>Abbvie</td>
<td>$540,717.50</td>
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<td>Kaeley, G</td>
<td>The CORRONA data collection program and CERTAIN study</td>
<td>4/5/2012- Present</td>
<td>Consortium of Rheumatology Research</td>
<td>$8,175.00</td>
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<tr>
<td>Kaeley, G</td>
<td>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.</td>
<td>7/7/2011- 7/7/2014</td>
<td>Amgen, Inc.</td>
<td>$38,093.70</td>
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<tr>
<td>Kaeley, G</td>
<td>A Multicenter, Double-Blind, Randomized, Parallel-Arm Study to Determine the Effect of Methotrexate Dose on Clinical Outcome and Ultrasonographic Signs in Subjects with Moderately to Severely Active Rheumatoid Arthritis (RA) Treated with Adalimumab (MUSICA).</td>
<td>9/27/2010- 9/27/2013</td>
<td>Abbott Laboratories</td>
<td>$96,773.00</td>
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