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**Academic Year 2019 (7/18 – 6/19)**

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   i. Rheumatology and Clinical Immunology

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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:

I am pleased to share with you the Annual Report of the Department of Medicine at the University of Florida-College of Medicine - Jacksonville for the academic year July 2018 through June 2019. I will briefly describe the departmental accomplishments in our tripartite mission of excellence in patient care, education and research.

**Patient care:** The Department had once again an exceptionally productive year. Clinical volumes in all disciplines were strong. The clinical excellence of the faculty was coupled with continued improvements in clinical operations and improvements in patient satisfaction scores.

**Education:** The Department continues to excel in its mission of educating students and residents. There were unprecedented 22 faculty members in the Department who received the Exemplary Teacher Award. In addition, several faculty members and trainees in the Department of Medicine received key education awards. Continuing Medical Education (CME) initiatives were offered by all the Divisions within the Department, including a highly successful Internal Medicine Review symposium, annual Heart Health in Women symposium, annual Nephrology symposium and the nationally recognized musculoskeletal ultrasound course.

**Research:** The Department had a productive year in research. There was a total of 144 peer reviewed publications, 18 monographs and book chapters and 16 web based learning materials. Faculty made 99 national and regional presentations. During the academic year 2019, we had 91 research awards and the research funding increased to $4,775,695.

Overall, the Department excelled in every aspect of the academic mission. I am proud and humbled to have the privilege of serving as the Chair of such an exceptionally productive Department.

Sincerely,

Arshag D. Mooradian, M.D.
Professor and Chair
DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2019 (7/18 - 6/19)

Arshag D. Mooradian, M.D.
Chair, 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.
Associate Chair, Department of Medicine

Michael Haas, Ph.D.
Director of Research

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

DIVISION CHIEFS

Cardiology
Theodore Bass, M.D.

Endocrinology, Diabetes and Metabolism
Kent R. Wehmeier, M.D.

Gastroenterology
Peter Ghali, 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
Lisa Jones, M.D.

Rheumatology and Clinical Immunology
Gurjit Kaeley, M.D.

EDUCATIONAL LEADERSHIP

Jeffrey House, D.O. Program Director, Internal Medicine Residency

Carlos Palacio, M.D., M.P.H. Associate Program Director, Internal Medicine Residency

Elisa Sottile, M.D. Associate Program Director, Internal Medicine Residency and Director, Medical Student Clerkship
RESIDENTS/FELLOWS

Chief Residents
Bashar Al-Turk, DO
Julio Perez-Downes, DO

Housestaff I
Barrett Attarha, DO
Lauren Boshnick, MD
Michael Chahin, DO
Madeline Fasen, DO
Christopher Izzo, DO
William Kohler, DO
Nithya Krishnan, MD
Yessina Marquez, MD
Andres Martinez, DO
Ahsan Niazi, MD
Michael Omar, MD
Monique Oye, DO
Bijal Patel, DO
Kevin Rechcigl, DO
Yulia Salamatova, DO
Kimberly Sanders, MD
William Scharpf, DO
Sandra Sheffield, DO
Anthony Stack II, DO
Ambreona Thomas, DO

Housestaff II
Belinda Bajic, DO
Michael Carranza, DO
Nancy Davison, DO
Sonal Jadeja, DO, MS
Joshua Lung, DO
Maria Del Mar Morales Hernandez, MD
Catarina Nolan Ruas Rego Canha, MD
Hamel Patel, DO
Rhumit Patel, DO
Jose Rivas Rios, MD
Patrisha Shelley, DO
Jorge Verdecia, MD
Firas Warda, MD
Unnati Wardan, DO

Housestaff III
Rami Bahloul, MD, MS
Cherisse Baldeo, MD
Zachary Burden, MD
Jeremy Carlson, MD
Kevin Green, MD
Jarelys Hernandez Jimenez, MD
Cody Horn, DO
Satish Maharaj, MD
Anna McCarthy, MD, MPH
Jose Ruiz Morales, MD
Karan Seegobin, MD
Ivan Serrano Santiago, MD
Peter Staiano, DO
Ashley Thomas, MD

Medical School
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton

Medical School
Philadelphia College of Osteopathic Medicine
American University of the Caribbean School of Medicine
Edward Via College of Osteopathic Medicine, Carolinas Campus
Nova Southeastern University College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Lincoln Memorial University DeBusk College of Osteopathic Medicine
American University of the Caribbean School of Medicine
FIU Herbert Wertheim College of Medicine
Nova Southeastern University College of Osteopathic Medicine
Texas Tech University Health Sciences Center School of Medicine
University of the West Indies Faculty of Medicine, Trinidad & Tobago
West Virginia School of Osteopathic Medicine
Philadelphia College of Osteopathic Medicine
Nova Southeastern University College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
St. George's University School of Medicine
Campbell University School of Osteopathic Medicine
Philadelphia College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Edward Via College of Osteopathic Medicine, Carolinas Campus

Medical School
Lake Erie College of Osteopathic Medicine, Bradenton
Nova Southeastern University College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton
Ponce School of Medicine and Health Sciences
Universitat de Barcelona Facultat de Medicina
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton
Universidad del Zulia Facultad de Medicina
Edward Via College of Osteopathic Medicine, Virginia Campus
Ross University School of Medicine
St. George's University School of Medicine
Des Moines University College of Osteopathic Medicine

Medical School
Saba University School of Medicine
Royal College of Surgeons in Ireland School of Medicine
USF Health Morsani College of Medicine
Ross University School of Medicine
Ross University School of Medicine
San Juan Bautista Escuela de Medicina
Ohio University Heritage College of Osteopathic Medicine
University of the West Indies Faculty of Medicine, Trinidad & Tobago
St. George's University School of Medicine
Universidad Central del Caribe School of Medicine
University of the West Indies Faculty of Medicine, Trinidad & Tobago
Universidad Central del Caribe School of Medicine
Edward Via College of Osteopathic Medicine, Virginia Campus
St. George’s University School of Medicine
**Subspecialty Fellowship Programs**
Clinical Cardiac Electrophysiology (CCEP)
Cardiology
Endocrinology
Gastroenterology
Interventional Cardiology
Infectious Disease
Medical Oncology
Nephrology
Pulmonary Critical Care

**Subspecialty Fellow – Housestaff IV**
Malhar Agarwal, MD – Cardiology
Kyeesha Becoats, MD – Cardiology
Prabhjot Bhinder, MD – Medical Oncology
Sebastian Carraquillo, MD – Cardiology
Hardik Chhatrala, MD, MPH – Medical Oncology
Shreya Ghetiya, MD – Cardiology
Ciel Harris, MD – Gastroenterology
Jaspreet Kaler, MD – Rheumatology
Poonam Kalidas, MD – Endocrinology
Trevanne Matthews-Hew, MD – Medical Oncology
Shrina Parekh, MD – Endocrinology
Pujan Patel, MD – Cardiology
Jose Reyes Oliva, MD – Nephrology
Aaron Richardson, DO – Cardiology
Stuart Shah, MD – Pulmonary Critical Care
Mladen Sokanovic, MD – Infectious Disease
Scott Steinberg, MD – Pulmonary Critical Care
Lauren Stemboroski, DO – Gastroenterology

**Subspecialty Fellow – Housestaff V**
Steve Antoine, MD – Cardiology
Prabhjot Bhinder, MD – Medical Oncology
Priyanka Bikkina, MD – Endocrinology
Allen Brown, MD – Cardiology
W. Russ Cullinane, DO – Pulmonary Critical Care
Khadeeja Esmail, MD – Cardiology
Kerolos Fahmi, MD – Cardiology
Maedeh Ganji, MD, MBA – Cardiology
Marie Angelica Landicho, MD – Endocrinology
Valery Mueny, MD – Gastroenterology
Ammar Nassir, MD – Gastroenterology
W. Taylor Paffrey Jr, MD – Pulmonary Critical Care
Virin Ramoutar, MD – Nephrology
Sarah Suliman, MD – Nephrology
Chinelo Udembga, MD – Cardiology

**Subspecialty Fellow – Housestaff VI**
Tracy Ashby, DO – Pulmonary Critical Care
Edilberto Benitez, MD – Cardiology
Andre Fialho, MD – Gastroenterology
Andrea Fialho, MD – Gastroenterology
Priscilla Givens, MD – Cardiology
Sanjay Lulla, DO – Cardiology
Nimeh Najjar, MD – Pulmonary Critical Care
Wesam Ostwani, MD – Cardiology
Jainil Shah, MD – Cardiology
Dmytro Yaranov, MD – Cardiology

**Subspecialty Fellow – Housestaff VII**
Emilio Garcia, MD – Int. Cardiology
Joshua Levine, MD – CCEP
Adam Rafi, MD – Int. Cardiology
Kun Xiang, MD – CCEP

**Program Director**
Steven Hsu, MD
Gladys Velarde, MD
Kent Wehmeier, MD
Peter Ghali, MD
Dominick Angiolillo, MD
Michael Sands, MD
Dat Pham, MD
Charles Heilig, MD
J. Davis Cury, MD

**Medical School**
Christian Medical College, Ludhiana
Stony Brook University Health Sciences Center School of Medicine
Kilpauk Medical College
Universidad Central del Caribe School of Medicine
Pramukhsami Medical College
Pandit Deendayal Upadhyay Medical College, Rajkot
University of the West Indies, Barbados Faculty of Medical Sciences
American University of Antigua College of Medicine
USF Health Morsani College of Medicine
University of the West Indies Faculty of Medical Sciences, Jamaica
Windsor University School of Medicine
Ross University School of Medicine
University of Novi Sad Faculty of Medicine
Ross University School of Medicine
Lake Erie College of Osteopathic Medicine, Bradenton

**Medical School**
American University of the Caribbean School of Medicine
Kilpauk Medical College
American University of Antigua College of Medicine
University of Tennessee Health Science Center College of Medicine
William Carey University College of Osteopathic Medicine
Ross University School of Medicine
USF Health Morsani College of Medicine
St. Matthew's University School of Medicine
University of Santo Tomas Faculty of Medicine and Surgery
Meharry Medical College School of Medicine
Royal College of Surgeons in Ireland - Medical University of Bahrain
Ross University School of Medicine
University of the West Indies School of Medicine, Trinidad & Tobago
University of Khartoum Faculty of Medicine
University of Mississippi School of Medicine

**Medical School**
Debusk College of Osteopathic Medicine
FIU Herbert Wertheim College of Medicine
Universidade Federal do Ceará (UFC) Faculdade de Medicina
Universidade Federal do Ceará (UFC) Faculdade de Medicina
USF Health Morsani College of Medicine
University of N Texas HSC, Texas College of Osteopathic Medicine
Ross University School of Medicine
University of Damascus Faculty of Medicine
Pramukhsami Medical College
Samara State Medical University

**Medical School**
University of Texas Medical Branch School of Medicine
University at Buffalo School of Medicine and Biomedical Sciences
USF Health Morsani College of Medicine
Southern Medical University
**Highlights**

It was another successful year for all of the Graduate Medical Education programs for the Department of Medicine. All of the programs enjoyed success in several areas, including scholarship, board pass rate, quality improvement, and fellowship match. A new program began this year in Rheumatology, and it has the makings of a very successful future. The fellowships continue to produce high quality physicians who have now gone out to serve communities abroad. In fact, with the most recent graduating class, the pulmonary/critical care program now has a graduate practice in every major hospital in the Jacksonville area. The core residency program continues to graduate clinicians who serve our local community or move on to fellowship education.

This past year, the core program and fellowships began the Self-Study process for reaccreditation for the ACGME. The foundation for this process is to develop aims, or key expectations for the program. This may include aspects of the program that differentiate from other programs. The programs are also responsible for conducting a strategic assessment of the program, focusing on strengths, opportunities, areas for improvement, and threats. The aims for the internal medicine residency are listed below:

- Produce competent, independent practicing internists, who have the ability to comprehensively care for patients in both inpatient and outpatient settings
- Prepare competitive resident applicants for fellowship, who have the opportunity to pursue other interests beyond internal medicine. This may include scholarship, education, advocacy, or leadership
- Train practitioners to have a basic understanding of quality improvement and patient safety
- Produce residents who will serve the local community through their practice of primary care, hospital medicine, and medical subspecialties. These practitioners should have expertise in treating the variety of patient populations in our community, with a particular understanding for the medically underserved.
- Develop well-adjusted residents through a programmatic focus on physician well-being. The intent being that emotionally healthy physicians will be more resilient and able to deliver the best care to our community.

The residency graduating class of 2019 was diverse in their destinations following graduation. Eight of our graduates sought fellowship training in the subspecialties of cardiology, pulmonary/critical care, hematology oncology, vascular medicine, infectious diseases, endocrinology, and nephrology. While some graduates pursued fellowships at other institutions, three residents are staying in Jacksonville for fellowship. Others have pursued hospital medicine in the Southeast.

The class of 2018 was very successful on the American Board of Internal Medicine examination achieving a 93% pass rate. This brings the ABIM three year rolling average to 90%, in line with the national average. The program continues to provide trainees with a plethora of board preparation materials in addition to high quality clinical training; we expect the entire class of 2019 to pass the exam.

The leadership within the residency program remained stable for the past academic year. Drs. Bashar Al-Turk and Julio Perez-Downes continued the tradition of strong Chief Resident teaching and leadership. They continued to build on the strong foundation from their predecessors that included the continuation of Research Club. The Research Club is a forum for trainees to present new ideas and proposed projects in front of seasoned faculty, research professionals, and fellow trainees to solicit advice and feedback before embarking on a new research endeavor.
As in years past, the Department of Medicine had a plethora of faculty receiving Exemplary Teacher Awards. A remarkable 22 faculty were recipients this year and are listed in the Honors and Awards section below along with the resident teaching award recipient, Dr. Ashley Thomas. Dr. Win Aung was one of the faculty finalists for the College of Medicine Excellence in Student Education Award and Dr. Jose Ruiz was one of the resident finalists. Dr. Zachary Burden was a finalist for the Edward Jelks Outstanding Resident Clinician Award. Dr. Srinivasan Sattiraju was a finalist for the Louis S. Russo Award for Outstanding Professionalism in Medicine. A comprehensive list of award recipients is included in the Honors and Awards section.

There were many regional conference presentations by the residents that included the Florida Chapter of the American College of Physicians Meetings (both spring and fall), American Federation for Medical Research Southern Region, and Southern Hospital Medicine. Residents even presented at prestigious national conferences that include American College of Cardiology, American Thyroid Association, Digestive Disease Week, American Thoracic Society, Society of General Internal Medicine, and the American College of Gastroenterology annual meetings. Residents continue to produce a high volume of scholarly activity that included presentations, publications, abstracts, grants, and textbook chapters.

The internal medicine residency continues to make curricular changes to meet the new ever changing landscape of Graduate Medical Education. The Quality Improvement/Patient Safety Rotation emphasized inpatient metrics this past year. Projects focused on handoffs, cost conscious medicine, and physician communication. Several of these projects resulted in presentations and publications. Education in diagnostic and procedural ultrasound has become increasingly important for internal medicine residency. The program began training in Point of Care Ultrasound (POCUS). Dr. Palacio expanded the ambulatory curriculum by adding a dedicated rotation in dermatology during which the residents work with UF Gainesville faculty in their Jacksonville clinic. Additionally, Dr. Palacio further developed the care of underserved experience by creating a month long curriculum at the IM Sulzbacher Clinic in Downtown Jacksonville. The program continues to address the health and wellbeing of our trainees. The program organized several extracurricular activities such as class retreats, a golf outing, and a dog show to foster trainee well-being and group cohesiveness.

The medical student experience in the Department of Medicine has benefited from many years of strong leadership from Dr. Carlos Palacio. However, the clerkship experience has assumed new direction, as Dr. Elisa Sottile has now assumed the role of Clerkship Director. Dr. Sottile worked to maintain the excellent educational program that Dr. Palacio developed. The campus continues to attract visiting medical students from other institutions. The clerkship notably continued to grow in terms of the number of students coming from other medical schools to do elective rotations. These students rotate on internal medicine, inpatient cardiology, MICU, endocrinology, infectious disease, and nephrology. Many of these trainees interviewed with us and eventually matched to become residents.
# LISTING OF RESIDENCY PROGRAM LEADERSHIP

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Chief Medical Resident</th>
<th>Program Director</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeff House, DO, Professor, Associate Chair of Education &amp; Quality Improvement, and Program Director</td>
<td>Nova Southeastern University</td>
<td>Broward General Hospital</td>
<td>University of Florida Jacksonville</td>
<td>Program Director: Jeff House, D.O.</td>
</tr>
<tr>
<td>Carlos Palacio, MD, Professor, Associate Program Director</td>
<td>University of Miami</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
<td></td>
</tr>
<tr>
<td>Elisa Sottile, MD, Assistant Professor, Associate Program Director, and Clerkship Director</td>
<td>Temple University School of Medicine</td>
<td>Graduate Hospital, Philadelphia, PA</td>
<td>Graduate Hospital, Philadelphia, PA</td>
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</tr>
<tr>
<td>Bashar Al-Turk, DO, Post-doctoral Associate and Chief Medical Resident</td>
<td>Lake Erie College of Osteopathic Medicine</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Julio Perez-Downes, DO, Post-doctoral Associate and Chief Medical Resident</td>
<td>Lake Erie College of Osteopathic Medicine</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
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</tbody>
</table>
PUBLICATIONS

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

Published manuscripts


**Published abstracts**


**Presentations**

Canha C. Implementation of a physician order set improves adherence to hospital policy: a quality improvement initiative. Poster presentation at: University of Florida Advances in Medical Education; Jacksonville, FL. June 2019.


Lung J. A standardized template for improving patient transfers from the medical ICU to hospital ward services. Poster presentation at: University of Florida Advances in Medical Education; Jacksonville, FL. June 2019.


Attarha B. Correlation of novel inflammatory-nutritional biomarkers with high resolution manometry parameters and distal latency. Poster presentation at: Digestive Disease Week; San Diego, CA. May 2019.


Oye M. Neurosarcoïdosis manifesting as panhypopituitarism. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2019.

Fasen M. Nocardia, a deceptive hand - disseminated nocardiosis in an immunocompetent patient. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2019.
Jadeja S. Topiramate induced type 3 renal tubular acidosis. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2019.

Omar M. Renal artery stenosis presenting as preeclampsia. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2019.

Wardan U. Legionnaire's disease presenting as hypoxic respiratory failure in patient with HIV. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.


Thomas A. Extrahepatic hepatocellular carcinoma metastasis masquerading as a forehead hematoma. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.


Patel R. A jaundiced 86 year old man with 40 pound weight loss. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.

Patel H. Progressive vision loss due to ocular syphilis. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.

Morales M. Brugada pattern in severe hypothyroidism. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.


Horn C. The lung that cried wolf. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.


Carlson JA. A case of pyoderma gangrenosum masking underlying henoch-schonlein purpura. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.


Canha C. Lower extremity lymphedema secondary to kaposi sarcoma. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.

Bajric B. Toxic epidermal necrolysis due to ceftaroline complicating persistent MRSA bacteremia. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019.

Rivas Rios JR. An uncommon cause of cardiac tamponade. Oral presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2019 (Cardiovascular Case Report Award).


Oye M. A case of sepsis secondary to pneumonia unmasking brugada pattern on electrocardiogram. Poster presentation at: Society of Hospital Medicine Meeting Florida Chapter; Jacksonville, FL. January 2019.

Krishnan N. Cutaneous necrotizing cellulitis from C. tropicalis infection in an immunocompromised host. Poster presentation at: Society of Hospital Medicine Meeting Florida Chapter; Jacksonville, FL. January 2019.

Verdecia J. Smoking gun is on the smear. Poster presentation at: Society of Hospital Medicine Meeting Florida Chapter; Jacksonville, FL. January 2019.

Fasen M. Out of the nephritis and into the nephritic. Poster presentation at: Society of Hospital Medicine Meeting Florida Chapter; Jacksonville, FL. January 2019.


Warda F. A case of lymphocytic hypophysitis presenting with amenorrhea and galactorrhea. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Warda F. A case of thyrotrophic cell hyperplasia resolving with levothyroxine supplementation. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Verdecia J. Superior vena cava syndrome masquerading as idiopathic angioedema. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Jadeja S. A clinical vignette: large secondary spontaneous pneumothorax. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Kogler W. Endocarditis caused by stenotrophomonas maltophilia; a rare presentation of an emerging opportunistic pathogen. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.
Canha C. Nevoid basal cell carcinoma syndrome (Gorlin-Goltz Syndrome): a case report. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Baldeo C. A sleeping subdural hemorrhage: Hickam’s dictum versus Occam’s razor in the intensive care unit. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Baldeo C. A rare case of sinus node dysfunction in lyme disease. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Baldeo C. Treat the patient, not the electrocardiogram! A case of misdiagnosed torsade de pointes. Poster presentation at: Southern Hospital Medicine Conference; Atlanta, GA. October 2018.

Serrano Santiago, I. Life-threatening menorrhagia due to profound hypothyroidism. Poster presentation at: American Thyroid Association Annual Meeting; Washington, DC. October 2018.


Canha C. Pulseless electrical activity in acute pulmonary embolism mimicking STEMI. Poster presentation at: Florida Chapter American College of Physicians; Tampa, FL. September 2018.

Verdecia J. Marijuana induced atrioventricular block. Poster presentation at: Florida Chapter American College of Physicians; Tampa, FL. September 2018.

Warda F. A case of thyrotrophic cell hyperplasia resolving with levothyroxine supplementation. Poster presentation at: Florida Chapter American College of Physicians; Tampa, FL. September 2018.

**Book Chapter**


**GRANTS**

**HONORS AND AWARDS**

Michael Omar, MD  
Intern of the Year

Peter Staiano, DO  
Senior Resident of the Year

Cherisse Baldeo, MD  
Procedure Completion Award

Nimeh Najjar, MD  
Fellow of the Year

Carmen Isache, MD  
Teacher of the Year

Nancy Davison, DO  
Best Conference Attendance

Karan Seegobin, MD  
ACP Resident of the Year

Satish Maharaj, MD  
Robert L. Wears Outstanding Resident in Quality and Patient Safety Award

Kevin Green, MD  
Ann Harwood-Nuss Resident Advocate Award

Satish Maharaj, MD  
Malcolm T. Foster, Jr., MD Scholarship Award

Chris Izzo, DO; Jorge Verdecia, MD; and Karan Seegobin, MD competed in the American College of Physicians, Florida Chapter - Doctor's Dilemma™ State Team.

Wing Aung, MD and Elisa Sottile, MD became Fellows in the American College of Physicians at the annual meeting in Philadelphia, PA in April 2019.

Ghana Masri, MD and Elisa Sottile, MD won WellCare’s 2018 Patient Satisfaction Award.

Ashley Thomas, MD is one of the recipients of the resident UF College of Medicine Exemplary Teachers Award.

Dominick Angiolillo, MD; Theodore Bass, MD; Joe Chehade, MD; Dave Cury, MD; Linda Edwards, MD; Gunjan Gandhi, MD; Michael Haas, PhD; Hadi Hatoum, MD; Jason Hew, MD; Jeff House, DO; Carmen Isache, MD; Lisa Jones, MD; Ravindra Maharaj, MD; Ron Mars, MD; Ghana Masri, MD; Robert Percy, MD; Andres Pineda Maldonado, MD; Michael Sands, MD; Srinivasan Sattiraju, MD; Vandana Seeram, MD; Elisa Sottile, MD; and Kent Wehmeier, MD are recipients of the faculty UF College of Medicine Exemplary Teaching Award.

**ENDOWMENTS AND GIFTS**

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

**CLASS OF 2019 DESTINATIONS**

<table>
<thead>
<tr>
<th>Chief Medical Residents</th>
<th>Professional Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bashar Al-Turk, DO</td>
<td>Cardiology Fellowship</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Julio Perez-Downes, DO</td>
<td>Cardiology Fellowship</td>
<td>Mayo Clinic, Jacksonville</td>
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<tr>
<th>Preliminary Residents</th>
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<tbody>
<tr>
<td>Lauren Boshnick, MD</td>
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<tr>
<td>Yessenia Marquez, MD</td>
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<td>Ahsan Niazi, MD</td>
</tr>
<tr>
<td>Yulia Salamatova, DO</td>
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<td>William Scharpf, DO</td>
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<td>Ambreona Thomas, DO</td>
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<th>Categorical Residents</th>
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<tbody>
<tr>
<td>Rami Bahloul, MD</td>
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<tr>
<td>Cherisse Baldeo, MD</td>
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<td>Zachary Burden, MD</td>
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<td>Jeremy Carlson, MD</td>
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<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Florida State University</td>
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<td>University of Florida Jacksonville</td>
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<td>Sinai Hospital, Baltimore, MD</td>
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<th>Location</th>
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<tbody>
<tr>
<td>Albany, GA</td>
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<tr>
<td>Univ. of Virginia, Charlottesville</td>
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<tr>
<td>University of Florida Jacksonville</td>
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<tr>
<td>University of Florida Gainesville</td>
</tr>
<tr>
<td>Name</td>
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<tr>
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</tr>
<tr>
<td>Kevin Green, MD</td>
</tr>
<tr>
<td>Jarelys Hernandez Jimenez, MD</td>
</tr>
<tr>
<td>Cody Horn, DO</td>
</tr>
<tr>
<td>Satish Maharaj, MD</td>
</tr>
<tr>
<td>Anna McCarthy, MD</td>
</tr>
<tr>
<td>Jose Ruiz Morales, MD</td>
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<tr>
<td>Karan Seegobin, MD</td>
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<tr>
<td>Ivan Serrano Santiago, MD</td>
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<tr>
<td>Peter Staiano, DO</td>
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<tr>
<td>Ashley Thomas, MD</td>
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<tr>
<td>Satish Maharaj, MD</td>
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<tr>
<td>Anna McCarthy, MD</td>
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<tr>
<td>Jose Ruiz Morales, MD</td>
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<tr>
<td>Karan Seegobin, MD</td>
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<tr>
<td>Ivan Serrano Santiago, MD</td>
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<tr>
<td>Peter Staiano, DO</td>
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<tr>
<td>Ashley Thomas, MD</td>
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</tbody>
</table>
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 fiscal year 2018-2019 and two prior years are shown in Figure 1.

![Total Grant Revenue](image)

External funding from federal, state, industry, foundation and other sources decreased 5.2% this fiscal year compared to last. This occurred even though there were increases in the number of funded investigators (from 21 investigators last fiscal year to 23 investigators this fiscal year) (Figure 2) as well as the number funded projects (from 87 projects last fiscal year to 93 projects 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 human coronary artery endothelial cells. Kent Wehmeier, M.D., (Endocrinology) is investigating the effects of nicotine on cellular stress in smokers and in human coronary endothelial cells. Charles Heilig, M.D., and Yongxin Gao, M.D., (Nephrology and Hypertension) are examining the regulation of glucose transporter 1 expression by mechano-growth factor as well as examining the role of glucose transporters in liver cancer.
Residents and sub-specialty fellows in the Department of Medicine are assigned a mentor and participate in basic, translational, quality improvement research, epidemiological, or clinical research. Two fellows, Shrina Partekh, M.D., (Endocrinology) and Irtiza Hasan, M.D., (Nephrology and Hypertension) in the Department of Medicine received Deans Fund Research Grants enabling them to carry out research projects under the mentorship of faculty. This has increased the scholarly output of our trainees.
Highlights

- Expanded Transesophageal Echo (TEE) services (North and downtown campuses)
- Increased outpatient TEE volume in downtown CV TEE suite; relationship with anesthesiology
- Increased volume in structural heart program (Mitraclip and Watchman)
- Started Congestive Heart Failure (CHF) program w/addition of new CHF Medical Director and 2 CHF APRNs (Dr. Emil Missov)
- Added new Electrophysiology Medical Director (Dr. Samy Elayi)
- Women’s Heart Program expanded their Prime of Your Life series

Education: The fellowships programs remain competitive. Our fellows have received several research awards including Dean’s grants and several presentations on Research Day and other regional and national venues. We continue to successfully place graduates interested in more advanced training into highly competitive subspecialty programs nationwide. Our post doc/OPS research fellowship has expanded and are integrated with the clinical and translations aspects of the Cardiovascular Research program and partake in other educational activities within the Division of Cardiology.

The following initiatives have taken place and are resulting in positive results:

- Monday Morning Report: Mandatory meeting for all fellows to discuss important, challenging, complex cases that present to CCU over the weekend or preceding week.
- Goals and objectives for every clinical and nonclinical rotation by program year level
- Development of Wellness/Well-Being program for all faculty and fellows
- Board review/ in-training exam review sessions twice a month
- An advanced imaging rotation at Mayo with video conferencing capability
- Guest lecture faculty participating in our weekly didactic conference sessions
  - Pulmonary series with Dr. Seeram (UF – Jax)
  - Advance imaging series with Dr. Brian Shapiro and Dr. Anita Wokhlu (Mayo) (UF – Gainesville)
  - Advance heart failure series with Dr. Parag Patel (Mayo) and Dr. Juan Aranda (UF – Gainesville)
  - Adult Congenital Heart Disease series with Dr. Brandon Kuebler (Wolfson/UF – Jacksonville)
- Updated core curriculum lectures on every cardiology discipline reviewed twice yearly by Didactic Curriculum Committee
- Hemodynamic simulation programs twice per year
- Transthoracic and Transesophageal Echo simulation program
- General Cardiology fellows develop quality assessment and improvement protocols and present them at research conferences
- General Cardiology fellows participate in a variety of research opportunities in the division
- Interventional data at Research Day: Cardiology fellows develop quality assessment and quality improvement protocols and present the data at research day
- Cardiology Grand Round series with invited internal, national and/or international experts
- Opportunities to obtain CME credit through Cardiology Grand Rounds and Cath Conferences
- Developing opportunity for Clinical Cardiac Electrophysiology Boot Camp
Research: Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have approximately 50 ongoing studies, which range from basic/translational research to large scale clinical trials in various areas of cardiovascular disease. These include investigator initiated as well as sponsored studies. We have published approximately 40 peer-reviewed manuscripts, numerous abstracts and presentations at local, national and international meetings and several book chapters. We currently hold leadership positions in most major cardiovascular societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding. Our research staff has also expanded to meet the demands of our growing research operations following our recent relocation to a new cardiovascular research building which hosts a state-of the art thrombosis research laboratory, patient waiting area, clinical visit rooms, and offices for research staff.

LISTING OF FACULTY MEMBERS

Dominick Angiolillo, M.D. Ph.D., Professor
Medical School
Professional Education – Ph.D.
Internship/residency
Subspecialty training
The Catholic University of the Sacred Heart Medical School, Italy
The Catholic University of the Sacred Heart Medical School, Italy
San Carlos University Hospital, Madrid Spain

Theodore Bass, M.D., Professor and Division Chief
Medical School
Internship/residency
Subspecialty training
Brown University
Mayo Clinic
Boston University

John Catanzaro, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training
State University of New York
North Shore University Hospital
North Shore University Hospital
The John Hopkins Hospital – Cardiac Electrophysiology

Francesco Franchi, M.D., Assistant Professor
Medical School
Subspecialty training
University of Modena and Reggio Emilia, Modena, Italy
School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy

Steve Hsu, M.D., Associate Professor
Medical School
Internship/residency
Subspecialty training
Washington University
Thomas Jefferson University

Robert Kim, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Tufts University School of Medicine – Boston, MA
St. Elizabeth’s Medical Center – Boston, MA
University of MA Medical Center-Worcester, MA
Dartmouth-Hitchcock Medical Center – Lebanon, NH
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<th>Name</th>
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<th>Subspecialty training and year</th>
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<tr>
<td>Alan Miller, M.D., Professor</td>
<td>Professor</td>
<td>University of Pittsburgh</td>
<td>Mount Sinai</td>
<td>George Washington University</td>
<td>Cleveland Metropolitan Hospital</td>
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<tr>
<td>Robert Percy, M.D., Associate Professor</td>
<td>Professor</td>
<td>University of Mississippi</td>
<td>University of Mississippi</td>
<td>Jacksonville Health Education Programs</td>
<td>Mass General Hospital – Cardiac Rehabilitation</td>
</tr>
<tr>
<td>Jialin Su, M.D., Ph.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>Pontificia Universidad Javeriana, Bogotá Colombia</td>
<td>Mount Sinai Medical Center, Miami, FL</td>
<td>Mount Sinai Medical Center, Miami, FL – Interventional Cardiology</td>
<td>Duke University Hospital – Structural Heart Disease Interventions</td>
</tr>
<tr>
<td>Andres Pineda Maldonado, M.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>University of Modena and Reggio Emilia, Modena, Italy</td>
<td>School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy</td>
<td>School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy</td>
<td>School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy</td>
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<tr>
<td>Fabiana Rollini, M.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>University of the West Indies</td>
<td>Ben Gurion University, Israel</td>
<td>Lenox Hill Hospital</td>
<td>William Beaumont Hospital – Interventional Cardiology</td>
</tr>
<tr>
<td>Srinivasan Sattiraju, M.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>Adichunchanagri Institute of Medical Sciences, Karnataka, India</td>
<td>University of Medicine and Dentistry of New Jersey</td>
<td>University of Minnesota Medical School, University of Minnesota Medical School, University of Minnesota Medical School, University of Minnesota Medical School, School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy</td>
<td>University of Minnesota Medical School, University of Minnesota Medical School, University of Minnesota Medical School, University of Minnesota Medical School, School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy</td>
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<td>Daniel Soffer, M.D., Associate Professor</td>
<td>Assistant Professor</td>
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<td>Ben Gurion University, Israel</td>
<td>Lenox Hill Hospital</td>
<td>William Beaumont Hospital – Interventional Cardiology</td>
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<tr>
<td>Jialin Su, M.D., Ph.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>Peking Union Medical College/Tsinghua University, Beijing, China</td>
<td>Peking Union Medical College/Tsinghua University, Beijing, China</td>
<td>North Shore-Long Island Jewish Health System</td>
<td>Rhode Island Hospital/Brown University</td>
</tr>
<tr>
<td>Siva Suryadevara, M.D., Assistant Professor</td>
<td>Assistant Professor</td>
<td>University of Florida College of Medicine-Jacksonville</td>
<td>University of Florida College of Medicine-Jacksonville</td>
<td>Beth Israel Deaconess Medical Center - Electrophysiology</td>
<td>University of Florida College of Medicine-Jacksonville</td>
</tr>
</tbody>
</table>
**PUBLICATIONS**


Suffredini J; Ruthland J; Catanzaro J; Elayi CS. Flecainide toxicity resulting in pacemaker latency and intermittent failure to capture. Am J Case Rep. 2019 (in press).


**Book chapters:**

---

**CLINICAL ACTIVITIES**

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<th>Outpatient Activity</th>
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<td>Heart caths</td>
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<td>EP procedures</td>
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<td>Mitraclip</td>
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<td>Watchman</td>
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<td>TAVR/TEVR</td>
<td>49</td>
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*Attendings Only: Jacksonville Clinic= 7,698  Emerson= 1,137  St Marys = 2,978  Northside = 5,428

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**CONTRACTS AND GRANTS**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Angiolillo, D</td>
<td>Platelet inhibitory profiles of prasugrel vs. ticagrelor in pts with CYP2C19</td>
<td>2017-2018</td>
<td>Scott R Mackenzie Foundation</td>
<td>$250,000</td>
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<tr>
<td>Angiolillo, D</td>
<td>Implementation of CYP2C19 genotyping to guide antiplatelet therapy for patients undergoing cardiac catheterization at UF Health Jacksonville</td>
<td>2016-2019</td>
<td>NIH (U01-HG007269)</td>
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<tr>
<td>Authors</td>
<td>Title</td>
<td>Year</td>
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<tr>
<td>Angiolillo, D</td>
<td>A randomized comparison of platelet inhibition using a low maintenance dose of tricagrelor regimen vs standard dose clopidogrel in diabetes mellitus patients OPTIMUS</td>
<td>2018-2019</td>
<td>Astra Zeneca</td>
<td>$415,603</td>
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<td>Angiolillo, D</td>
<td>Impact of the PCSK9 inhibitor evolocumab on the pharmacodynamics effects of clopidogrel in patients with atherosclerotic</td>
<td>2017-2019</td>
<td>Amgen</td>
<td>$543,126</td>
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<td>Angiolillo, D</td>
<td>Adjunctive Vorapaxar Therapy in patients with prior myocardial infarction treated with P2Y12 receptor prasugrel</td>
<td>2016-2019</td>
<td>Merck</td>
<td>$415,716</td>
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<td>Angiolillo, D</td>
<td>Pharmacodynamic Effects of Vorapaxar as an Add on antiplatelet therapy in post myocardial infarction patients</td>
<td>2016-2018</td>
<td>Merck</td>
<td>$231,424</td>
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<td>Angiolillo, D</td>
<td>Effects of EDOXaban on the cellular and protein phase of coagulation in patients with coronary artery disease on dual AntiPlatelet Therapy with aspirin and clopidogrel</td>
<td>2016-2018</td>
<td>Daiichi Sankyo</td>
<td>$296,530</td>
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</table>
Highlights

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

Patient care: The Division provided inpatient and outpatient consultation at the University of Florida College of Medicine-Jacksonville campuses and Emerson Medical Plaza to faculty of the university and referring physicians in the northeast Florida/southern Georgia region and beyond. With the opening of the UF North campus, endocrinology services extended to a broader area of the First Coast. The core clinical faculty of the Division expanded to Dr. Joe Chehade, Dr. Marilu Jurado, Dr. Gunjan Gandhi, Dr. Arshag Mooradian, Dr. Leena Shahla and Dr. Kent Wehmeier. The Division addressed clinical endocrinology problems related to hypothalamus, pituitary, thyroid, pancreas, adrenal and sex hormone gland dysfunction as well as gender identity. Patients with metabolic disorders including diabetes mellitus, metabolic syndrome, obesity, anorexia, hypercholesterolemia, calcium and metabolic bone diseases such as osteoporosis and vitamin D deficiency were evaluated and treated. The Division’s main clinical operations occurred at UF Endocrinology and Diabetes at Emerson Medical Plaza. The number and variety of consultations continued to rise. Patients were also evaluated at the UF Health-Jacksonville Ambulatory Care Center (ACC) and at the newly constructed UF Health North Hospital and Clinic primarily through the work of Dr. Gandhi and Dr. Shahla. Our faculty performed analyses of the glucose monitoring data, obtained by continuous glucose monitoring to make recommendations regarding diabetes management. Diabetes care has matured with the partnering of outpatient diabetes education with the Division of Endocrinology. Ashley Jeffords, MS, RD/LD, CDE provides onsite education at the UF Emerson location and UF North for diabetes management, carbohydrate counting and medical nutrition therapy (MNT.) Dr. Chehade, Dr. Jurado and Dr. Shahla utilized ultrasound guidance for the evaluation of patients with thyroid nodules, parathyroid neoplasia, lymph nodes, and thyroid cancer to provide comprehensive care to patients with nodular disease of the neck.

A unique collaboration with the UF College of Medicine-Jacksonville’s Department of Oral Maxillofacial Surgery, 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.

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

Education: The Endocrinology fellowship continues to maintain its ACGME accreditation, under the direction of Program Director, Dr. Kent Wehmeier and Associate Program Director, Dr. Gunjan Gandhi. Dr. Priyanka Bikkina and Dr. Angela Landicho joined the Division in July 2017. Dr. Victoria Feng and Dr. Krista Gonzales began July 1, 2016 and have been exceptional and productive additions to the Division and completed their fellowships June 30, 2018. All four fellows have made substantive contributions to the clinical care, education and research mission of the Division. In resident physician education, Dr. Wehmeier continued as rotation director of relevant educational programs for Endocrinology. He is the
primary liaison between the Core Residency Program and the Division, and is a member of the Resident Education Committee. The faculty members and fellows participate in teaching rounds in the clinic and in conferences to enhance the experience of the rotating residents.

In the educational program of the University of Florida, Dr. Chehade, Dr. Gandhi, Dr. Jurado, Dr. Shahla and Dr. Wehmeier are in preceptor clinics in Endocrinology and coordinate lectures for the University of Florida medical students and residents in medicine and emergency medicine. The Division of Endocrinology Grand Rounds provides an avenue for speakers at UF Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF. Dr. Chehade, Dr. Gandhi, Dr. Haas and Dr. Wehmeier were chosen to receive the 2019 University of Florida-College of Medicine’s Exemplary Teachers Award under Education.

**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 research has involved the use of devices to control diabetes mellitus, pharmacologic agents for glucose management, diabetic neuropathy, non-alcoholic fatty liver disease and metabolic bone disease. Dr. Joe Chehade is also spearheading a clinical trial in the new Jacksonville Aging Studies Center or JAX-ASCENT. This site will serve as a hub for aging research in the Northeast Florida/Southeast Georgia area. The basic science research lab, under the direction of Dr. Michael Haas, 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 had a strong showing at the University of Florida College of Medicine-Jacksonville Research Day. All four fellows had poster presentations displaying their research at national meetings, including the American Association of Clinical Endocrinology and the Endocrine Society. Four investigator-initiated clinical trials are also in the process of studying topics in thyroid disease and macronutrient metabolism. Dr. Krista Gonzales’ research highlighting nicotine and ER stress was selected for platform presentation and won 5th place during UF Research Day.

**Service:** Dr. Wehmeier has chaired the Search Committee for Gastroenterology Chief and served on the Search Committee for the Department Chairman of Ophthalmology and Dr. Chehade has served on the Search Committee for the Chief of Pulmonary Medicine & Critical Care. Leading the charge for better inpatient diabetes care, Dr. Gandhi chairs the Diabetes Steering Committee. This multidisciplinary body comes together to discuss common issues in glucose control. Strategies to improve outcomes are discussed and implemented.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty training</th>
<th>Post-Graduate training</th>
<th>Institutions</th>
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<td>Joe Chehade, M.D., Professor</td>
<td>Medical School</td>
<td>St. Joseph University School of Medicine, Beirut-Lebanon</td>
<td>Staten Island University Hospital</td>
<td>Saint Louis University School of Medicine</td>
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</tr>
<tr>
<td>Gunjan Gandhi, M.D., MSc, Associate Professor</td>
<td>Medical School</td>
<td>Maharaja Sayajirao University, Baroda India</td>
<td>University of Illinois College of Medicine</td>
<td>Mayo Clinic, Rochester</td>
<td>Mayo Clinic, Rochester – Masters in Biomedical Research</td>
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<tr>
<td>Michael Haas, Ph.D., Research Associate Professor</td>
<td>Graduate School</td>
<td>University of Nebraska Medical Center</td>
<td>McArthur Laboratory for Cancer Research</td>
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<tr>
<td>Marilu M. Jurado Flores, M.D., Assistant Professor</td>
<td>Medical School</td>
<td>Catholic University of Santiago De Guayaquil, Guayas Ecuador</td>
<td>University of Miami Hospital and Clinics</td>
<td>University of Florida College of Medicine-Jacksonville</td>
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<tr>
<td>Arshag D. Mooradian, M.D., Professor and Chairman, Department of Medicine</td>
<td>Medical School</td>
<td>American University of Beirut</td>
<td>American University of Beirut</td>
<td>University of Minnesota</td>
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<tr>
<td>Leena Shahla, M.D., Assistant Professor</td>
<td>Medical School</td>
<td>Al-Baath University, Homs Syria</td>
<td>New York Medical College</td>
<td>University of Massachusetts Medical School</td>
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<tr>
<td>Kent Wehmeier, M.D., Professor and Division Chief</td>
<td>Medical School</td>
<td>University of Missouri-Columbia</td>
<td>Barnes-Jewish Hospital, Washington University</td>
<td>Saint Louis University School of Medicine</td>
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PUBLICATIONS


Mooradian AD. In search for an alternative to sugar to reduce obesity. International Journal for Vitamin and Nutrition Research. 2019 Feb 12:1-5. doi: 10.1024/0300-9831/a000531


Mooradian AD. Evidence based management of diabetes in older adults. Drugs & Aging 35:1065-1078, 2018


Abstracts/Presentations:


HONORS AND AWARDS

Joe Chehade, MD University of Florida Exemplary Teacher Award 2019
Gunjan Gandhi, MD University of Florida Exemplary Teacher Award 2019
Michael Haas, PhD University of Florida Exemplary Teacher Award 2019
Kent Wehmeier, MD University of Florida Exemplary Teacher Award 2019

CLINICAL ACTIVITIES

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<tr>
<th>Inpatient Activity</th>
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<td>Thyroid Biopsies</td>
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CONTRACTS AND GRANTS

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<th>Principal Investigator</th>
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<th>Project Period</th>
<th>Sponsor</th>
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<tr>
<td>Wehmeier, K</td>
<td>A Phase 2b, Multicenter, Multinational, Double-blind, Dose-finding Study, incorporating an open label sub-study, in Adult Patients with Type I, III or IV Osteogenesis Imperfecta Treated with setrusumab (BPS804)</td>
<td>05/2017 - 12/2021</td>
<td>Mereo</td>
<td>$32,591.97</td>
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<tr>
<td>Chehade, C</td>
<td>A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Effect of Efpeglenatide on Cardiovascular Outcomes in Type 2 Diabetes Patients at High Cardiovascular Risk</td>
<td>06/2018 - 05/2019</td>
<td>Sanofi</td>
<td>$5,615.38</td>
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<tr>
<td>Chehade, C</td>
<td>A Phase III, Double-blind, Randomized, Placebo-Controlled, Multi-center Study To Assess The Safety and Efficacy of VM202 in Subjects with Painful Diabetic Peripheral Neuropathy</td>
<td>11/2016 - 12/2019</td>
<td>Viromed</td>
<td>$178,696</td>
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<td>Chehade, C</td>
<td>Testosterone Replacement therapy for Assessment of long-term Vascular Events and efficacy ResponSE in hypogonadal men (TRVERSE) Study</td>
<td>08/2018 - 08/2023</td>
<td>AbbVie</td>
<td>$484,455</td>
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<tr>
<td>Chehade, C</td>
<td>A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function</td>
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</table>
Highlights

Gastroenterology Division has built an inter-disciplinary team of faculty, advanced practitioners and nurses. Our faculty members were Dr. James Scolapio, Dr. Miguel Malespin, Dr. Faisal Bukeirat, Dr. Ron Schey, Dr. Robert Bass, Dr. Paul Sievert and Dr. Peter Ghali. The allied health professionals included Victor (Pat) Nasrallah, Kellie Leis, Rhonda Broughton, Katelyne Cote, as well as our nurse William Ecker. Our Division responded well to challenges in personnel turnover and managed to increase our service lines, specifically with regards to therapeutic endoscopy and upper gastrointestinal tract disease. Working closely with our surgical colleagues, we now have one of the premier upper GI tract disease centers in the state. Our endoscopic ultrasound activity has more than doubled and we have added new diagnostic tools such as EndoFLIP and Digitrapper, which have made us a referral destination for a wide catchment area. Our hepatology program has also more than doubled in activity with a much closer integration with the Gainesville transplant group. Our Fellowship program remains strong and is academically productive with one of our fellows, Dr. Ammar Nassri, receiving a Young Investigator national award at the prestigious Digestive Diseases Week. We would like to thank every team member for going the extra mile to take care of our patients and each other.

Patient care: The patient care aspect of our academic mission is pursued at the following locations: UF Health North with general GI clinics and endoscopy, Emerson campus, where we provide general gastroenterology, inflammatory bowel disease, and hepatology services, Towers clinic with general gastroenterology and hepatology clinics, UF Beaches with general gastroenterology clinic. Endoscopy is performed at three clinical sites: UF Health Downtown, UF Health North, and Jacksonville Beach Surgery Center. Inpatient consult services are provided at UF Health Downtown as well as UF Health North. Our mission is to have timely patient access to top quality patient care with specific attention to reduced patient wait times and increased access to high-quality gastroenterology and hepatology services in any of our locations.

Education: Dr. Ghali has taken over as the Program Director of our fellowship training program. We have maintained a high quality of trainees’ satisfaction based on the 2017-2018 ACGME survey which showed that our program overall fellow satisfaction is above the national average with 100% evaluating the program as positive or very positive. 100% of the gastroenterology faculty also evaluated the program as excellent or good. Our fellows’ board pass rate is 100%. Our priority remains recruiting gastroenterology fellows with a proven track record of clinical research as well as commitment to superb patient care, interpersonal skills and professionalism. We continue to be very active at the Jacksonville Gut Club quarterly meetings. This educational venue is very important to our division’s presence in the community. This academic year, we focused on the issues of physician well-being and mental health. We discussed the challenges with our fellows and we were all involved in improving the processes to promote physician well-being.

Research: All faculty members have been productive in scholarly activities over the past academic year. The Division produced fifteen peer-reviewed published manuscripts, nine abstract presentations, and two book chapters. The GI faculty have given multiple presentations at local, regional, national, and international meetings. The Division now has twelve funded research protocols and was able to generate over $650,000 in grants last year.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Position</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty training</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Robert Bass, M.D.</strong></td>
<td>Assistant Professor</td>
<td>Medical College of Georgia</td>
<td>University of South Alabama</td>
<td>University of Florida – Jacksonville</td>
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<tr>
<td><strong>Faisal Bukeirat, M.D.</strong></td>
<td>Associate Professor, Director of Endoscopy</td>
<td>University of Jordan, Amman, Jordan</td>
<td>New York Medical College, Bronx NY</td>
<td>Albany Medical College, Albany NY</td>
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<tr>
<td><strong>Peter Ghali, M.D.</strong></td>
<td>Professor, Program Director and Division Chief, Gastroenterology</td>
<td>McGill University, Montreal, Canada</td>
<td>McGill University, Montreal, Canada</td>
<td>Mayo Graduate School of Medicine – Rochester, MN</td>
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<td><strong>Ron Schey, M.D.</strong></td>
<td>Professor, Director Neurogastroenterology and Esophageal Program</td>
<td>Sackler School of Medicine, Tel-Aviv University, Israel</td>
<td>Meir Medical Center, Kfar Saba, Israel</td>
<td>Wolfson Medical Center, Holon, Israel</td>
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<tr>
<td><strong>Bruno De Souza Ribeiro, M.D.</strong></td>
<td>Assistant Professor</td>
<td>Santa Casa de Sao Paulo, Brazil</td>
<td>Federal University of Sao Paulo, Brazil</td>
<td>Sirio Libanes Hospital, Sao Paulo, Brazil</td>
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<td></td>
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<td>California Pacific Medical Center, San Francisco, CA</td>
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<tr>
<td><strong>James Scolapio, M.D.</strong></td>
<td>Professor and Associate Chair</td>
<td>Marshall University School of Medicine</td>
<td>Mayo Graduate School of Medicine – Rochester, MN</td>
<td>Mayo Graduate School of Medicine – Rochester, MN</td>
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<tr>
<td><strong>Paul Sievert, M.D.</strong></td>
<td>Assistant Professor</td>
<td>University of Miami</td>
<td>Medical College of Virginia</td>
<td>University of Florida – Jacksonville</td>
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**Subspecialty training**

**Medical School**

**Internship/residency**

**Subspecialty training**
PUBLICATIONS


Presentations:


Nassri AB, Smotherman C, Schey R, Ghali PM. Colonoscopy after holidays is an independent predictor for inadequate bowel preparation. Oral presentation, Digestive Disease Week, San Diego, CA, May 2019


Krahn T1, Sapir-Pichhadze R1, Kronfli N1, Falutz J1, Guaraldi G2, Lebouche B1, Szabo J1, Klein MB1, Wong P1, Deschenes M1, Ghali P1, and Sebastiani G1. (The SHIVER research group). Vitamin E Is an Effective Treatment for NASH in people living with HIV: The CTN-PT 024 Trial. Oral Presentation, CLM meeting 2019. May 2019, Montreal QC Canada

Shengir, Krishnamurthy, Ghali et al. Prevalence and associated factors of non-alcoholic fatty liver disease in women with polycystic ovary syndrome: A prospective (FLIPCOS) study and systematic review. Poster presentation at IDIGH meeting, April 2019, Montreal QC Canada

Krahn T1, Sapir-Pichhadze R1, Kronfli N1, Falutz J1, Guaraldi G2, Lebouche B1, Szabo J1, Klein MB1, Wong P1, Deschenes M1, Ghali P1, and Sebastiani G1. (The SHIVER research group). NONALCOHOLIC FATTY LIVER DISEASE AND LIVER FIBROSIS INCREASE THE RISK OF INCIDENT CARDIOMETABOLIC COMORBIDITIES AND ALL-CAUSE MORTALITY IN PEOPLE LIVING WITH HIV: A PROSPECTIVE COHORT STUDY. Poster presentation, CROI 2019 Conference on Retroviruses and opportunistic infections – March 2019, Seattle WA.


Book Chapters and Monographs:

## Inpatient Activity

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<td>Baptist Beaches Inpatient Procedures</td>
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<td>Jacksonville Surgery Center</td>
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## CONTRACTS AND GRANTS

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<th>Award Amount</th>
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<td>Ghali P</td>
<td>HCV TARGET - Hepatitis C Therapeutic Registry and Research Network- A Longitudinal, Observational Study</td>
<td>3/22/2016 - present</td>
<td>University of Florida (David Nelson, PI)</td>
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<td>Ghali P</td>
<td>TARGET-NASH - A 5-year Longitudinal Observational Study of Patients with Nonalcoholic Fatty Liver Disease or Nonalcoholic Steatohepatitis</td>
<td>1/8/2017 - present</td>
<td>Target PharmaSolutions, Inc.</td>
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<td>Ghali P</td>
<td>TARGET HCC - A 5-year Longitudinal Observational Study of the Natural History and Management of Patients with Hepatocellular Carcinoma</td>
<td>1/3/2017 - present</td>
<td>Target PharmaSolutions, Inc.</td>
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<td>Ghali P</td>
<td>TARGET IBD - A 5-year Longitudinal Observational Study of Patients Undergoing Therapy for Inflammatory Bowel Disease</td>
<td>10/10/2017 - present</td>
<td>Target PharmaSolutions, Inc.</td>
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<td>Ghali P</td>
<td>PRIORITIZE - A Pragmatic, Randomized Study of Oral Regimens for Hepatitis C: Transforming Decision--Making for Patients, Providers, and Stakeholders</td>
<td>3/16/2017 - present</td>
<td>University of Florida (Giuseppe Morelli, PI)</td>
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<td>Ghali P</td>
<td>REGENERATE - Randomized Global Phase 3 Study to Evaluate the Impact on NASH with Fibrosis of Obeticholic Acid TreatMEnt</td>
<td>12/14/2016 - present</td>
<td>Intercept Pharmaceuticals, Inc.</td>
<td>$174,562</td>
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<td>Ghali P</td>
<td>STELLAR-3 - A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Nonalcoholic Steatohepatitis (NASH) and Bridging (F3) Fibrosis</td>
<td>6/28/2017 - present</td>
<td>Gilead Sciences</td>
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<td>Malespin M</td>
<td>DAA salvage - A Phase 3b, Multi-Center, Randomized, Open-Label, Pragmatic Study of Gleciprevir/Pibrentasvir (G/P) +/- Ribavirin for GT1 Subjects with Chronic Hepatitis C Previously Treated with an NS5A Inhibitor + Sofosbuvir Therapy</td>
<td>3/30/17 – 11/13/18</td>
<td>AbbVie, Inc. (David Nelson, PI)</td>
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<td>Malespin M</td>
<td>SEMA-NASH-Investigation of efficacy and safety of three dose levels of subcutaneous semaglutide once daily versus placebo in subjects with non-alcoholic steatohepatitis: A 72-week randomized, double-blind, placebo-controlled, six-armed parallel group, multi-centre, multinational trial</td>
<td>4/26/18-12/28/18</td>
<td>Novo Nordisk</td>
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<tr>
<td>Ghali P</td>
<td>REVERSE-A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Obeticholic Acid in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis</td>
<td>7/19/18 - present</td>
<td>Intercept Pharmaceuticals, Inc.</td>
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<tr>
<td>Malespin M</td>
<td>ATLAS- A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib, GS-0976, GS-9674, and Combinations in Subjects with Bridging (F3) Fibrosis or Compensated Cirrhosis (F4) due to Nonalcoholic Steatohepatitis (NASH)</td>
<td>5/29/18-10/29/18</td>
<td>Gilead Sciences</td>
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DIVISION OF GENERAL INTERNAL MEDICINE
ACADEMIC YEAR 2019 (7/18- 6/19)

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 18 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 attending for the four inpatient teaching services and an inpatient Internal Medicine consultation service, including medical evaluation of patients admitted to the inpatient Psychiatry service. Drs. Brittany Lyons and Win Aung, who oversee the medicine consultation service, are trained in bedside ultrasound guided procedures. The procedural service is available to other services to ensure the provision of safe care. It also serves as an excellent educational experience for our residents.

The group has a busy outpatient practice offering services at three locations: the Ambulatory Care Center (ACC) at UF Health Jacksonville, the UF Internal Medicine Clinic at Emerson Multispecialty Clinic and the General Internal Medicine Clinic at UF Health North. 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 are certified as NCQA Level 3 Patient Centered Medical Homes. Our outpatient practices offer two unique clinical initiatives. The PAIDD (Program for Adults with Intellectual and Developmental Disability) clinic established in 2013 provides primary care services and care coordination to adults with special needs who are unable to manage their health independently. PAIDD provides care to over 175 adults with intellectual and developmental disabilities. RN care coordination of these patients has been supported by a grant from the Riverside Foundation. The second unique clinical initiative is acupuncture services offered by Dr. Alan Halperin. With the rise of opioid related illness and mortality, alternative treatment options for management of pain is critical. Dr. Halperin’s acupuncture clinic offers a viable alternative.

The division has two faculty members with training in hospice and palliative care: Dr. Ravindra Maharaj and Dr. Win Aung. Dr. Maharaj also holds a certificate of added qualifications in geriatrics. Along with a growing outpatient geriatric practice, Dr. Maharaj offers hospice and palliative care services to our inpatient services. He is providing a much needed service, as well as education, on the role of palliative care and hospice in the care of our patients.

Education: The division provides faculty supervision of residents on the four general internal medicine inpatient teaching services, the inpatient medicine consultation and procedural service and geriatrics and hospice and palliative care. In addition, the members of the division provide faculty supervision and mentoring of all categorical medicine residents in their outpatient continuity practice and urgent care clinics. Members of the division participate in morning report and present at the noon conference core curriculum series held daily, as well as a Friday afternoon board review.

Dr. Jeff House serves as Program Director for the Internal Medicine Residency Program and Drs. Elisa Sottile and Carlos Palacio are the Associate Program Directors for the training program. The GME leadership mentors residents in their scholarly work and each year, the number of posters, abstracts, presentations and manuscripts increase. Dr. House has developed a unique rotational and curricular experience for the PGY2 residents that immerse them in quality and safety. This educational experience is well received by the residents and has resulted in quality improvement projects and scholarly activity. Dr. Sottile also serves as the Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient).
Dr. Win Aung has developed a bedside ultrasound curriculum for residents as well as a weeklong immersion in bedside ultrasound course for the interns in the residency program.

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/Fellows to Teach”- a 6-8 hour intradepartmental seminar offered each year at the University of Florida College of Medicine-Jacksonville to residents and fellows.

The faculty in the division serve as program directors, speakers and workshop facilitators for the annual Update in Internal Medicine. This CME conference is an excellent opportunity for local and regional healthcare providers to obtain CME and learn the most current information on interesting and hot topics.

The division serves as an integral part of the education program for 3rd and 4th year medical students, as well as physician assistant 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 each year.

**Quality:** Dr. Jeff House coordinates monthly M&M/QA and QI for the training program. He is also the Associate Chair of Medicine for Quality and Education. 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. A quality improvement team, comprised of internal medicine faculty and residents along with hospital performance improvement staff, reviewed readmission rates for patients with chronic lung disease. The results of the team’s work and the processes implemented led to a significant reduction in readmissions for this patient population and the process has been rolled out hospital wide. The division continues to address timeliness of discharges and throughput, as well as identify opportunities to continue to improve our patient satisfaction. The division is currently working with the hospital’s case management team to implement a number of processes that we anticipate will assist us in reducing the length of stay as well as reduce readmissions. 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. The use of quality dashboards in EPIC has allowed our practice to improve its cancer screening and immunizations and to reduce care gaps in our patient population. In addition, based on these reviews and changes in screening recommendations, the quality dashboard has been updated to include lung cancer screening with low dose CT for appropriate individuals.

**Research:** Research in the division varies among the faculty. The development of the bedside ultrasound curriculum and the quality improvement/patient safety block rotation have led to poster presentations and other opportunities for educational scholarship. Many of the faculty mentor 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 publication list below.

**Future Directions:** To meet the primary care needs of Jacksonville, we expanded our practice to North Jacksonville and our practice continues to grow there, meeting the needs of this sector of Jacksonville and Duval and Nassau Counties. Our practice at the Southside Multispecialty Clinic also continues to grow and receives referrals from our specialty colleagues who practice at that location as well. The PAIDD clinic for adults with intellectual and developmental disabilities continues to grow and provides a unique service to this special needs population.

Dr. Sottile is working with our colleagues in Anesthesiology to develop a preoperative optimization clinic where internists and anesthesiologists will work together to evaluate and manage patients who will undergo elective surgeries using evidence based guidelines.
The division, along with our residents 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. Currently the faculty and residents are developing a handoff tool that will be used for patients who are transitioning from the critical care unit to the floor to ensure that a safe transition occurs. An additional quality improvement initiative that is in the beginning stages is the use of individual resident quality dashboards to improve patient care. The dashboard will be used as an educational tool that links metrics to evidence based practice with learning modules and reflective learning.

### LISTING OF FACULTY MEMBERS

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<thead>
<tr>
<th>Name</th>
<th>Position / Title</th>
<th>Institution(s)</th>
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<tbody>
<tr>
<td>Win Aung, M.D.</td>
<td>Assistant Professor</td>
<td>Medical School, Internship/residency, Institute of Medicine, Myanmar, Lutheran Medical Center</td>
</tr>
<tr>
<td>Lori A. Bilello, Ph.D., M.B.A., M.H.S.</td>
<td>Assistant Professor, Associate Director, CHEQR</td>
<td>PhD Health Services Research, Master of Business Administration, University of Florida, University of Florida</td>
</tr>
<tr>
<td>Linda Edwards, M.D.</td>
<td>Associate Professor, Associate Chair and Division Chief</td>
<td>Medical School, Internship/residency, East Carolina University, Jacksonville Health Education Programs</td>
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<tr>
<td>Malcolm Foster, M.D.</td>
<td>Professor Emeritus</td>
<td>Medical School, Internship/residency, Subspecialty training, Bowman Gray School of Medicine, University of Florida, Gainesville, University of Florida, Gainesville (Infectious Disease)</td>
</tr>
<tr>
<td>Shiva Gautam, Ph.D.</td>
<td>Professor</td>
<td>PhD Statistics, University of Texas at Dallas</td>
</tr>
<tr>
<td>Maria Gutierrez, M.D.</td>
<td>Assistant Professor</td>
<td>Medical School, Internship/residency, Ross University School of Medicine, University of Florida, Jacksonville</td>
</tr>
<tr>
<td>Alan Halperin, M.D.</td>
<td>Professor</td>
<td>Medical School, Internship/residency, University of Kansas, University of Wisconsin</td>
</tr>
</tbody>
</table>
## Jeffrey House, D.O., Professor and Associate Chair
- Medical School: Nova Southeastern College of Osteopathic Medicine
- Internship/residency: University of Florida – Jacksonville

## Carmen Isache, M.D., Assistant Professor
- Medical School: Gr. T. Popa University of Medicine and Pharmacy
- Internship/residency: SUNY Downstate Medical Center
- Subspecialty training: University of Florida, Jacksonville (Infectious Disease)

## Rafik Jacob, M.D., Assistant Professor
- Medical School: Ain Shams University
- Internship/residency: Rhode Island Hospital/Brown University

## Brittany Lyons, D.O., Assistant Professor
- Medical School: Philadelphia College of Osteopathic Medicine
- Internship/residency: University of Florida, Jacksonville

## Ravindra Maharaj, M.D., Assistant Professor
- Medical School: The University of the West Indies, Trinidad
- Internship/residency: University of Florida
- Subspecialty training: University of Miami (Geriatrics)
- University of Wisconsin (Hospice and Palliative Medicine)

## Ghania Masri, M.D., Associate Professor
- Medical School: Damascus University, Syria
- Internship: Cleveland Clinic Foundation
- Residency: Case Western Reserve University

## Carlos Palacio, M.D., M.P.H., Professor
- Medical School: University of Miami
- Internship/residency: University of Florida, Jacksonville
- Post-graduate training: University of North Florida (MPH, Master of Public Health)
PUBLICATIONS

Manuscripts:
Edwards L. Preventing Medical Errors and Improving Patient Safety DCMSonline.org Vol 70, No. 3, March 2019


Leslie Caulder, BAS, C-TAGME, Jennifer Hamilton, BA, C-TAGME, Danielle Palmer, BAA, Denise West, MA, and Linda R. Edwards, MD. Northeast Florida Medicine DCMSonline.org Vol.70, No.1 January 2019


Palacio C., Olney R. Rickets. BMJ publishing group Best Practice Website (International product on bestpractice.com) Updated 2018

Palacio C, Fauzia R. Blast Crisis. BMJ publishing group Best Practice Website (International product on bestpractice.com) Updated 2018


Abstracts/Presentations:

Maharaj, R. Pediatric to Geriatric. Leading edge knowledge in Resuscitation from the Field to the ICU. Presented at UF Health Jacksonville on February 14, 2019.


Editorial Board/Review:
Sottile, E. Society of General Internal Medicine FORUM
HONORS AND AWARDS

Win Aung, MD  Fellow, American College of Physicians
Linda Edwards, MD  Hanson Professorship of Medicine
                        University of Florida Exemplary Teacher Award 2019
Jeff House, DO  University of Florida Exemplary Teacher Award 2019
Carmen Isache, MD  University of Florida Exemplary Teacher Award 2019
Ravindra Maharaj, MD  University of Florida Exemplary Teacher Award 2019
Ghana Masri, MD  University of Florida Exemplary Teacher Award 2019
Elisa Sottile, MD  Fellow, American College of Physicians

CLINICAL ACTIVITIES

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<td><strong>Outpatient Activity</strong></td>
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CONTRACTS AND GRANTS

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<td>Partnerships in Improving Community Health</td>
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<td>CDC</td>
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<td>Bilello, L</td>
<td>ENRGISE- Enabling Reduction of low-Grade Inflammation in Seniors Pilot Study.</td>
<td>9/2016-5/2018</td>
<td>UF Institute for Aging/NH</td>
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<td>(Site PI)</td>
<td>Health-Smart for Weight Loss</td>
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<td>Project Save Lives</td>
<td>11/2017 – Present</td>
<td>City of Jacksonville</td>
<td>$58,000</td>
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<td>(Co-I)</td>
<td>Aware Project</td>
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<td>SAMHSA</td>
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<td>Health-Smart Holistic Health and Wellness Centers</td>
<td>11/2018 – 10/2019</td>
<td>Humana Foundation</td>
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<td>Edwards, L</td>
<td>Evaluate, Develop, and Implement Medication Safety Measures Using Medication Error Claim Reporting Systems and Medical Records</td>
<td>2016 - Present</td>
<td>Martin A. Smith Patient Safety and Quality Award</td>
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<td>(Co-PI)</td>
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<td>Gautam, S</td>
<td>JAX-ASCENT</td>
<td>9/15/2017-5/31/2022</td>
<td>NIH</td>
<td>$3.7M</td>
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<td>(Co-I)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
<td>9/2013 – 3/2015</td>
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</table>
Highlights

The Division of Hematology and Medical Oncology continued its clinical and academic missions during this past year. The division provides inpatient clinical consultation in hematology and medical oncology and maintains a thriving ACGME accredited oncology fellowship training program. Our newest faculty member Dr. Shaikh, was appointed Interim Division Chief and Cancer Committee Chair. Our division hosted and organized our second annual Breast Health Awareness Expo with current plans for a third annual expo to occur in the fall which will expand off campus into the community. We increased our community support by actively participating in the American Cancer Society’s; Making Strides against Breast Cancer Walk on Team “UF Health in the Pink Zone”. We were able to successfully donate and fundraise for the event. Dr. Hew was awarded University Of Florida College Of Medicine’s Exemplary Teachers Award for a second year in a row. Our grant proposal to develop a Benign Hematology Care Program starting with hiring a Nurse Practitioner for Benign Hematology has been approved.

Patient care: Our division has expanded with the addition of new faculty members and our Sickle Cell clinic has re-located to the Faculty clinic. Our division continues to increase access to our inpatient and subspecialty experts in evaluations and treatment of hematologic malignancies. We provide service on campus, the only sickle cell clinic in Jacksonville, Florida, both outpatient and inpatient service. Patient care is readily convenient at our many locations such as the UF Health Jacksonville campus, Ambulatory Care Center, and UF Health North campus. Three of our providers offer patient consultations for both Hematology & Medical Oncology at UF Health North campus. To ensure the best quality of patient care, there has been a growing successful collaboration with multispecialty departments across the campus. All of our faculty members are working closely with the Proton Therapy Institute, the Department of Surgery, and Radiation Oncology. Faculty actively educate with patient education sheet facts; these are distributed by the physicians on different cancers (breast, colon, lung, colorectal). Our division continues to host the Oncology Pharma Expo quarterly. An Oncology support group has been created and hosted by the division’s nurse navigator. This program has been very successful in boosting faculty and staff moral and building better relationships with industry without disruption in clinical activity.

Education: The medical oncology fellowship, under the direction of program director Dr. Dat Pham, has remained competitive and matched top candidates with 100% ABIM subspecialty board pass rate. The program successfully continues to maintain its ACGME accreditation. Dr. Zuberi is the newly appointed associate program director and her work ethic and experience enhances the medical oncology fellowship program. She provides preceptorship in the fellow’s outpatient clinic and in the bone marrow clinic. Our providers offers a consult experience in hematology and oncology to residents at all training levels. This allows them to maintain autonomy in order to build their skills and confidence going forward, while ensuring that prompt diagnostic and therapeutic decisions are made in the patients’ best interest. Faculty development sessions including those on small group teaching, teaching under time constraints and others are essential to the educational growth of our division. A Hematology Fellowship has been approved and we have accepted a match applicant that will begin on July 1st.

The division continues to support the Internal Medicine Residency Program through facilitation of night float rotation, Internal Medicine resident’s noon conference, and Grand Rounds. The oncology fellowship has rotations at Mayo Clinic Jacksonville (Bone Marrow Transplant). Medical oncology fellows have opportunities to contribute at weekly didactic lecture series which encourages and develops great teaching skills. Our monthly Journal Club is ongoing and generates discussion on various topics and the latest
expansion in hematology and oncology. Rotating every two months at Mayo Clinic will expand the fellows’ clinical knowledge with the opportunity to work with different specialists.

**Research:** The Division of Hematology and Medical Oncology continues to develop additional industry sponsored trials. Dr. Hew was appointed as our new director of research. The division is currently enrolling and actively recruiting for the Discovery Study as well as the Polaris study. IRB approval was given for a prostate cancer study that faculty and fellows have begun working on. We are open to any collaborative projects with other departments and look forward to additional multi-disciplinary projects in the future. Collaboration with UF Proton Therapy research trials continues. Our division continues to provide academic support to residents though mentorship in research endeavors. Based on the publications below, our division is continuously productive in research.

**LISTING OF FACULTY MEMBERS**

**Jason Hew, M.D., Assistant Professor**
Medical School
University of West Indies, Trinidad and Tobago
Internship/residency
University of Florida College of Medicine-Jacksonville
Subspecialty training
University of Florida College of Medicine-Jacksonville

**Dat Pham, M.D., Associate Professor**
Medical School
University of Florida, Gainesville
Internship/residency
University of Florida, Gainesville
Subspecialty training
University of Florida, Gainesville

**Fauzia Rana, M.D., Professor and Division Chief**
Medical School
F.J. Medical College, Pakistan
Internship/residency
University of Rochester
Subspecialty training
Harvard Medical School

**Marwan Shaikh, M.D., Assistant Professor**
Medical School
University of Toledo
Internship/residency
University of Florida College of Medicine-Jacksonville
Subspecialty training
West Virginia University School of Medicine

**Lara Zuberi, M.D., Assistant Professor**
Medical School
Aga Khan University, Pakistan
Internship/residency
Henry Ford Hospital
Subspecialty training
Henry Ford Hospital
PUBLICATIONS


HONORS AND AWARDS

Jason Hew, MD University of Florida Exemplary Teacher Award 2019

CLINICAL ACTIVITIES

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## CONTRACTS AND GRANTS

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<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Marwan, S.</td>
<td>The Benign Hematology Care Program</td>
<td>5/6/2019-5/5/2020</td>
<td>The Coastal Blood Foundation</td>
<td>$125,000</td>
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<td>Pham, D.</td>
<td>The Collection of Whole Blood and other Human Bio-fluid Specimens from Subjects Clinically Diagnosed with Cancer and/or other Related Disease</td>
<td>6/21/2016-6/21/2021</td>
<td>Discovery Life Sciences</td>
<td>$4,880.00</td>
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<td>Rana, F.</td>
<td>Connect® MDS and AML: The Myelodysplastic Syndromes (MDS) and Acute Myeloid Leukemia (AML) Disease Registry</td>
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<td>Celgene Corporation</td>
<td>$2,560</td>
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</table>
DIVISION OF INFECTIOUS DISEASE
ACADEMIC YEAR 2019 (7/18 - 6/19)

Highlights

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

The division provided inpatient clinical infectious diseases consultation at UF Health Jacksonville and North; hospital infection prevention and control and antimicrobial stewardship direction at UF Health Hospital and outpatient infectious diseases consultation at the downtown Ambulatory Care Center Clinic, Emerson Campus Clinic and North Campus clinic. The division maintained an ACGME accredited Infectious Diseases fellowship training program and actively participated in the training of internal medicine residents and medical students in inpatient and outpatient infectious diseases.

Members of the division also assumed administrative and teaching roles in ID division and IM activities. Dr. Sands is the university ID Division Chief, ID Fellowship Program Director and the Chair of Hospital Infection Control for UF Health Hospital. Dr. Isache was the Chair of the Antimicrobial Stewardship Programs for UF Health Hospital and the ID Fellowship Associate Program Director.

Patient care:
ID Division inpatient and hospital based activity: The division provided full time inpatient infectious diseases consultation throughout the UF Health Jacksonville Hospital system. During the 2018-2019 academic year, the division performed over 700 inpatient infectious diseases consultations with over 1200 subsequent follow-up visits at UF Health Hospital.

Outpatient services: The division offered outpatient ID consultation by referral at the Emerson and the Ambulatory Care Center (ACC) subspecialty clinics. During the 2018-2019 academic year, there were over 400 outpatient ID visits for HIV/AIDS and general infectious diseases diagnoses including chronic osteomyelitis and MRSA infection.

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

Fellowship Training: The division maintained an ACGME accredited fellowship in Infectious Diseases with one fellow for each of the two clinical fellowship years. The fellowship program has been re-accredited on a five-year cycle. The fellowship training is unique in offering two months of clinical microbiology, dedicated research time, two months of training in solid organ transplantation ID at the Mayo Clinic, one month training in Pediatric Infectious Diseases at Wolfson Children’s’ Hospital and one month as a junior ID faculty consultant in the UF Health MICU, in addition to 14 months experience as the consultant and teaching fellow on the general ID in-patient consult service at UF Health.

Our infectious diseases fellows continue to distinguish themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time infectious diseases consultants in a variety of metropolitan areas, including San Francisco, Atlanta, Baton Rouge, Tampa, Orlando and here in Jacksonville.
Resident Training: Faculty provided a 12 lecture series ID core curriculum conference for the residents; ID consultation teaching and clinical rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.

Medical Student Education: Medical students from UF Gainesville, other US sites and internationally, rotate on the infectious diseases consultative service and the outpatient ID clinics at both the ACC and Emerson campuses.

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

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

Research: Dr. Sands was the principal investigator on two NIH sponsored research grants through the INSITE network; the START and Smart studies, now completed, to define the appropriate time to initiate antiviral therapy for HIV-infected patients. Post hoc analyses of the data has continued to yield valuable results and publications.

Publications and presentations this past academic year included and 16 journal articles published in peer reviewed journals, three published ID monographs, four presentations and three abstracts presented at regional and national meetings.

LISTING OF FACULTY MEMBERS

<table>
<thead>
<tr>
<th>Carmen Isache, M.D., Assistant Professor</th>
</tr>
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<tr>
<td>Medical School / Graduation date</td>
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<tr>
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<table>
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<tr>
<th>Malleswari Ravi, M.D., Assistant Professor</th>
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<th>Wilfredo Sanchez, M.D., Assistant Professor</th>
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<td>Subspecialty training and year</td>
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</table>
Ancillary Teaching Faculty:

**UF Health Hospital Critical Care**
James D. Cury, MD
Lisa Jones, MD
Vandana Seeram, MD
Hadi Hatoum, M.D.

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

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

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

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

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

### PUBLICATIONS

**Manuscripts:**


Borges ÁH, Neuhaus J, Sharma S, Neaton JD, Henry K, Anagnostou O, Staub T, Emery S, Lundgren JD for the INSIGHT SMART and START study groups including Sands M. The effect of interrupted/deferred antiretroviral therapy on disease...


Dharan NJ et al. including Sands M. Benefit of early versus deferred antiretroviral therapy on progression of liver fibrosis among people with HIV in the START randomized trial. Hepatology, in press.

Abstracts:

Infectious Disease Annual Report AY 2019

Division Chief: Michael Sands, M.D.


Cawoski HAC, Johnson B, Stamper B, Casapao AM, **Jankowski CA**. A retrospective study comparing the clinical and economic outcomes of injection drug users versus non-injection drug users with endocarditis at a tertiary care center. 2019. Abstract published and presented at Florida Pharmacy Residency Conference.

**Presentations:**

**McCarter, Y.** Wound Cultures – From Start to Finish. Annual Meeting of the Southeastern Association for Clinical Microbiology, Charlotte, NC, November 2018


**McCarter, Y.** Wound Cultures – From Start to Finish. Baptist Health ID Rounds, Baptist Health, Jacksonville, FL, January 2018

**Monographs and Book Chapters:**
Mucormycosis. Palnitkar R, **Sands M.** BMJ Point-of-Care 2009, updated 2018; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

Non-Cholera Vibrio infections. **Sands M., Isache C.** BMJ Point-of-Care 2009, updated 2018; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

Hantavirus infections. **Sands M., Isache C.** BMJ Point-of-Care 2009, updated 2018; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com)

**HONORS AND AWARDS**
Carmen Isache, MD University of Florida Exemplary Teacher Award 2019
Michael Sands, MD University of Florida Exemplary Teacher Award 2019

**CLINICAL ACTIVITIES**

<table>
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**GRANTS AND CONTRACTS**

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<td>M. Sands</td>
<td>Developing and assessing whole genome sequencing analysis for molecular epidemiology of MRSA infections at a Florida hospital</td>
<td>7-18 – 7-20</td>
<td>FoxSeq</td>
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</table>
Highlights

In the 2018 - 2019 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 support the hemodialysis mission for UF. ARNP’s Melissa Goalen and Shatura Rowe played essential roles in the care of our large outpatient dialysis population. Lidia Dalessandro, ARNP worked on the Nephrology Hospital Services and in the Chronic Kidney Disease Clinic in the Tower. Dr. Vishal Jaikaransingh joined the faculty this year as an Assistant Professor, with expertise in both General and Transplant Nephrology. Dialysis Clinics Inc. (DCI) purchased the Shands Basement Hemodialysis and Peritoneal Units in 2018, where UF has the Medical Directorship. These hemodialysis patients will eventually move to the nearby DCI Gateway and LaVilla Dialysis Units, while the peritoneal dialysis patients will eventually move to the LaVilla Dialysis Unit.

In education, the Nephrology fellowship progressed successfully with continuation of Simulation Trainings and off-site renal transplant rotations. A new Renal Transplant Clinic was opened at the Emerson site in June of 2019. Dr. Ljubomir Ilic took over organization of the fellows’ Renal Physiology Course.

The joint Renal Pathology Conference with Mayo Clinic Jacksonville and Mayo Clinic Rochester continued as a successful and important piece of the educational program, as did the Transplant Rotation at Mayo Clinic Jacksonville with a core lecture series. In addition, our annual Update in Nephrology & Hypertension CME Symposium was once again a success in 2019, with grant support from Dialysis Clinics Inc. and visiting professors from the University of Miami VAMC and the University of Augusta. Dr. Ronald Mars received a Faculty Teaching Award this academic year.

The Division presented growth factor and glucose transporter research work on glomerular disease at the 2018 American Society of Nephrology meeting. The research laboratory of Dr. Charles Heilig continued with funded basic research studies into the pathogenesis of diabetic and nondiabetic glomerulosclerosis in diabetic and transgenic mice, with a focus on the roles of Mechano-Growth Factor (MGF) and glucose transporters. Dr. Charles Heilig had research grant funding from DCI, Inc. and the Scott R. Mackenzie Foundation Research Grant for studies of glomerulosclerosis in mice. Dr. Ljubomir Ilic had research funding from DCI, Inc. to study glucose transporter risk genotypes in patients who progressed to ESRD. Dr. Yongxin Gao, Assistant Scientist in the Nephrology Research Laboratories, continued her collaborative research work on glucose transporters, MGF and other growth factors in diabetic and nondiabetic kidney disease. The Nephrology Research Laboratory also continued participation in the University of Florida Diabetes Institute to contribute Type 2 diabetes research to the mission. Dr. Heilig gave invited research presentations at the Meharry College of Medicine and the Southern Salt Water & Kidney Conference.

Fellows and/or 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 2019 Symposium and the Internal Medicine Update 2019 Symposium.

Patient care: The Division of Nephrology provides physician services and the medical director for two outpatient chronic dialysis units and also provides services to the inpatient UF Health Jacksonville acute hemodialysis unit. Dialysis Services provided include both hemodialysis (HD) & peritoneal dialysis (PD). Faculty clinics are staffed at the Towers Clinic on the downtown campus by the nephrology faculty.
members, and at the Emerson Transplant Clinic by Dr’s Vishal Jaikaransingh and Pradeep Kadambi. The nephrology clinics at the UF Health Jacksonville campus include the Nephrology Faculty Clinics, the Anemia Clinic, the Post-Renal Transplant Clinic, the Fellows’ Continuity Clinics, the Correctional Facility Clinic, the HD Outpatient Center, the PD Clinic, and fellow participation in an associated Vascular Access Clinic located in the Department of Surgery. The inpatient Nephrology Acute and Chronic Consult Services are staffed by 2 faculty members and two fellows. These two services continue to provide important educational platforms for fellows, medical residents & students. Dr. Ronald Mars continues in his position as Quality Officer for the Division.

The Division has been working with the Department of Surgery on improving placement of permanent vascular access for patients preparing for hemodialysis, to fulfill 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. Ljubomir Ilic became the Associate Program Director in Nephrology in June 2018. The fellows’ Renal Physiology Course, initiated in 2010, continues under Dr. Ilic’s guidance as an important addition to the nephrology educational experience. The joint Renal Pathology Teleconference including UF Health Jacksonville, Mayo Jacksonville and Mayo Rochester, has continued to be an important educational component for the Nephrology Fellowship program. The Update in Nephrology & Hypertension 2019 CME Symposium in Jacksonville provided by the Division was well attended and received. This is an important educational venue for fellows and faculty alike. The Division plans another course in the Spring of 2020, under the guidance of Dr. Ronald Mars. Visiting professors from out of state included Dr. Leopoldo Raj and Dr. Stanley Nahman, who provided special lectures in clinical nephrology 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 Conferences, Nephrology Clinics & the Nephrology Hospital Consult Rotations. The Mayo Clinic Jacksonville Renal Transplant Rotation for UF Health Jacksonville Nephrology fellows continued successfully and complements the Nephrology training program at UF Health. The ACGME-required milestones have been incorporated into the fellowship training program and rotation evaluations.

**Research:** The topics of research studies in the Division spanned from basic science work on glucose transporter & growth factor roles in diabetic and nondiabetic glomerular disease, to translational work genotyping ESRD patients for kidney disease risk alleles, and dialysis catheter investigation. Dr. Heilig’s laboratory focuses on glucose transporter- and MGF- regulation of glomerulosclerosis in both diabetic and nondiabetic kidney disease. This laboratory continues to be funded from two outside sources. Dr. Ljubomir Ilic is funded for translational work investigating high risk genotypes for kidney disease in patients who progressed to end stage renal failure. Dr. Ilic also directed a transplant referral diversity study for the fellows which was presented in abstract form at the American Society of Nephrology, and is in press at Clinical Nephrology. Dr. Abdalagani Abakar Baher is working to build his clinic with plans for investigation of glomerulonephritis cases.

The Nephrology fellows participated in various different research studies & scholarly activities as part of their research training. Fellows also attended/participated in research activities for the 2018 American Society of Nephrology Meeting and the 2019 National Kidney Foundation Meeting. The Nephrology Division produced 4 manuscripts, 3 abstracts and 7 presentations. There were also 4 active grants in the Division this year (3 research grants & 1 education grant).

**Special Initiatives:**
Nephrology & Hypertension Annual Update, Jacksonville, FL: This year’s meeting was organized by Dr. Ronald Mars and the UFCOM-Jacksonville Division of Nephrology. It was held at the Omni Hotel in downtown Jacksonville with strong attendance by local healthcare professionals. and was well received.
This yearly meeting provides education and CME credits. Doctors, nurses and others involved in the care of patients with renal disease attend the meeting.

**Nephrology Fellows’ Quality Improvement Project in Dialysis:** The faculty worked with the fellows on this important activity which helped to fulfill the ACGME – required competency requirements.

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

**Simulation Laboratory Experiences:** The Nephrology fellows received Institutional Patient Safety Training in the Simulation Laboratory. They also participated in the yearly Nephrology Simulation Laboratory experiences for temporary hemodialysis catheter placement and renal biopsy.

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

### LISTING OF FACULTY MEMBERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
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<tbody>
<tr>
<td>Abdalagani Abakar Baher, M.D., Assistant Professor</td>
<td>University of Khartoum, Khartoum, Sudan</td>
</tr>
<tr>
<td></td>
<td>Interfaith Medical Center, Brooklyn, NY</td>
</tr>
<tr>
<td></td>
<td>University of Florida College of Medicine-Jacksonville</td>
</tr>
<tr>
<td>Yongxin Gao, M.D., Assistant Scientist</td>
<td>Jiamusi Institute of Medicine, China</td>
</tr>
<tr>
<td></td>
<td>Department of Pharmacology, University of Florida</td>
</tr>
<tr>
<td>Charles Heilig, M.D., Professor and Division Chief</td>
<td>University of Minnesota</td>
</tr>
<tr>
<td></td>
<td>Mayo Clinic Rochester</td>
</tr>
<tr>
<td></td>
<td>Brigham and Women’s Hospital, Harvard Medical School</td>
</tr>
<tr>
<td>Ljubomir Ilic, M.D., M.P.H., Assistant Professor</td>
<td>Harvard Medical School</td>
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<tr>
<td></td>
<td>Harvard School of Public Health</td>
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<td>Yale University School of Medicine</td>
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<td>Beth Israel Deaconess Medical Center, Harvard Medical School</td>
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</table>
Vishal Jaikarasingh, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
University of the West Indies, Trinidad
University of Florida, Jacksonville, FL
UT Southwestern Medical Center, Dallas, Texas

Pradeep Kadambi, M.D., M.B.A., Professor and Senior Associate Dean, Clinical Affairs
Medical School
Professional Education
Internship/residency
Subspecialty training
Subspecialty training
Bangalore University, Bangalore, India
Northwestern University
Yale University School of Medicine
Yale University School of Medicine
University of Chicago-Transplant Nephrology

Ronald Mars, M.D. Associate Professor
Medical School
Internship/residency
Subspecialty training
St Louis University
Emory University

PUBLICATIONS

Manuscripts:


Abstracts:


Presentations:


Heilig CW. Sickle Cell Nephropathy. UF COM-Jacksonville Medical Grand Rounds, April 19.

Heilig CW. Clinical Approach to Hyponatremia. Update in Nephrology and Hypertension. Jacksonville, FL, April 2019


Book Chapters:

HONORS AND AWARDS

Ronald Mars, MD University of Florida Exemplary Teaching Award 2019

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<td>Heilig, C</td>
<td>Reversal of Diabetic Glomerulosclerosis by Inhibition of Mesangial Cell Glucose Transporter GLUT1.</td>
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<td>Heilig, C</td>
<td>Mechano-Growth Factor (MGF) Roles in Diabetic Glomerulosclerosis - A New Factor Promoting Diabetic Kidney Disease.</td>
<td>7/1/16 – 12/31/19</td>
<td>DCI #C-3880</td>
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<td>Mars, R</td>
<td>Update in Nephrology &amp; Hypertension 2018</td>
<td>4/2018</td>
<td>Dialysis Clinics, Inc.</td>
<td>$35,000</td>
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<td>Ilic, L</td>
<td>Genetic Variations in the Glut1 Gene in Patients with End Stage Renal Disease due to Diabetic Nephropathy.</td>
<td>2018 – 2020</td>
<td>DCI #C-4092</td>
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Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has shown stability with productive faculty members and advanced practitioners, leading to the retention of two graduating fellows. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. Clinically, we continue the expansion of Pulmonary Disease and Sleep clinics at UF North. Academically, the division continues to be productive in the areas of clinical and original research and publications. The faculty was involved as moderators and presenters for various sessions in Society of CHEST, Pulmonary Hypertension Association, SETA and ATS conferences. The fellows, under the mentorship of faculty, are engaged in a number of clinical studies. The division had a number of abstracts presented in national and international conferences and was represented in various national and international 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 successful industry funded clinical research in this arena. We sponsor a support group for patients and loved ones with Pulmonary Hypertension. The division continues to be involved with the community drives such as Lung Force uniting clinic and hospital staff with patients and loved ones to bring attention to Pulmonary disease states.

The pulmonary hypertension clinic, under the leadership of Dr. Seeram, continues to be a locally known referral center with patients being referred from regions all over our 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 a dedicated suite has led to excellent patient throughput. The program has applied for certification as a Regional Referral Center under The Pulmonary Hypertension Association (PHA).

Janice Wood, RRT continues to be the Pulmonary Hypertension and Interstitial Lung Disease Program Coordinator.

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

The fellows’ continuity clinic is staffed by at least five fellows once a week and supervised by faculty. The number of pulmonary function tests performed over both campuses has increased.

The thoracic oncology clinic continues its multidisciplinary approach to patients with thoracic malignancy. The division successfully initiated the interventional pulmonary program at the North campus under Dr. Hadi Hatoum. The already extensive interventional pulmonary program with EBUS and navigational bronchoscopy for peripheral lung lesions continues to grow with all 6 fellows obtaining certification in navigational bronchoscopy.

The inpatient pulmonary consult service continues to be busy and, with the continued evolution of the bronchoscopy, thorascopic and right heart cath suite and the number, efficiency and timeliness of procedures offered by the division has been enhanced with the addition of advanced technology across both campuses.

Education: The faculty has been invited to present lectures at international conferences such as CHEST, ATS and SETA in the past year, which is a reflection of national recognition of our division.
The division continues to play an active role in educational core lecture series including Grand Rounds and Updates in Internal Medicine 2018-2019. The division faculty also has an active role in the educational lectures for a variety of residency programs including Navy family medicine, emergency medicine, obstetrics, internal medicine and trauma critical care. Drs. Cury, Seeram, Hatoum and Jones were honored by University of Florida College of Medicine-Gainesville with the Exemplary Teacher Awards for 2019 and Dr. Louis in 2018. Dr. Seeram was honored by University of Florida College of Medicine-Jacksonville with Teacher of Year Award for years 2016, 2017 and 2018.

After a decade educating and mentoring budding Pulmonary and Critical Physicians, Dr. Cury will be handing off the Fellowship Program Directorship to Dr. Vandana Seeram. She will continue coordinating the educational activities for the fellowship with anticipation of continued 100% first time board pass rates for Pulmonary and Critical Care Medicine.

The division was involved in various regional/national/international 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. Dr. Jones was honored by the Naval Hospital with the Admiral Paul Kaufman award for excellence in care for beneficiaries. We have been active in training nurse practitioners and physician assistants not only from the University of Florida sponsored training programs but also from local sponsored programs.

**Research:** The division has been very successful in obtaining and continuing its clinical research trials along with funded research. The funded research includes dean’s grants, UF clinical quality grant and investigator initiated trials.

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

A dedicated clinical research coordinator, Fallon Wainwright, has enabled the division to participate in more collaborative based clinical research protocols including sleep medicine and rheumatology.

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

**James D. Cury, M.D., Associate Professor**
Medical School
Internship/residency
Subspecialty training
University of Miami
Barnes Hospital/Washington
Washington University

**Hadi Hatoum, M.D., Assistant Professor**
Medical School
Internship/residency
Subspecialty training
American University of Beirut
Indiana University School of Medicine
University of Texas Southwestern

**Lisa Jones, M.D., Associate Professor and Division Chief**
Medical School
Internship/residency
Subspecialty training
University of Cincinnati
University Hospital Cincinnati
Naval Medical Center

**Mariam Louis, M.D., Associate Professor**
Medical School
Internship/residency
Subspecialty training
McGill University
McGill University
McGill University (Pulmonary Medicine)
Johns Hopkins University (Sleep Medicine)

**Vandana Seeram, M.D., Associate Professor**
Medical School
Internship/residency
Subspecialty training
University of West Indies
University of Florida/Jacksonville
University of Florida/Jacksonville

PUBLICATIONS

**Manuscripts:**

**Jones, L.** "LIPid Intensive Drug therapy for Sepsis Pilot (LIPIDS-P): Phase I/II Clinical Trial Protocol of Lipid Emulsion Therapy for Stabilizing Cholesterol Levels in Sepsis and Septic Shock" has been successfully submitted online and is presently being given full consideration for publication in BMJ Open. Manuscript ID bmjopen-2019-029348.


**Electronic Communications:**


**Book Chapters:**


**Abstract/Presentations:**


Baldeo CM, Seegobin K, **Jones L**. A Sleeping Subdural Hemorrhage: Hickam’s Dictum Verus Occam’s Razor in the Intensive Care Unit. UF College of Medicine, Jacksonville, FL.


**Ashby, T.** Infographics, Asthma in women, San Antonio, Texas. CHEST, September 2018.


**HONORS AND AWARDS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Award Description</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>James D. Cury</td>
<td>M.D.</td>
<td>Exemplary Teacher Awards</td>
<td>2018/2019</td>
</tr>
<tr>
<td>Hadi Hatoum</td>
<td>M.D.</td>
<td>Exemplary Teacher Awards</td>
<td>2018/2019</td>
</tr>
<tr>
<td>Lisa M. Jones</td>
<td>M.D.</td>
<td>Exemplary Teacher Awards</td>
<td>2018/2019</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Teacher of Year Awards</td>
<td>2018/2019</td>
</tr>
<tr>
<td>Vandana Seeram</td>
<td>M.D.</td>
<td>Exemplary Teacher Awards</td>
<td>2018/2019</td>
</tr>
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</table>

**CLINICAL ACTIVITIES**
### Inpatient activity

**Initial Inpatient Encounters**  
763

### Outpatient activity

**Clinical Visits**  
5,300

### Procedures

**Bronchoscopies**  
500  
**Sleep Studies**  
711

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## CONTRACTS AND GRANTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cury</td>
<td>Leep : Losartan Effects on Emphysema Progression (COPD)</td>
<td>2017–present</td>
<td>John Hopkins</td>
<td></td>
</tr>
<tr>
<td>Seeram</td>
<td>Sphere : Uptravi® (SelexiPag): tHe usErs dRug rEgistry</td>
<td>11/2017–present</td>
<td>Actelion</td>
<td>$6,500</td>
</tr>
<tr>
<td>Seeram</td>
<td>RIN-PH-201 – enrolling: A Multicenter, Randomized, Double-Blinded, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease</td>
<td>11/2017–present</td>
<td>United Therapeutics</td>
<td>$24,384</td>
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<tr>
<td>Cury</td>
<td>Coco – enrolling: Chronic Refractory Cough Cohort Study</td>
<td>2/2018–present</td>
<td>John Hopkins</td>
<td></td>
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<tr>
<td>Jones</td>
<td>BI 1199.247 – in follow-up: A double blind, randomized, placebo-controlled trial evaluating the efficacy and safety of nintedanib over 52 weeks in patients with Progressive Fibrosing Interstitial Lung Disease (PF-ILD)</td>
<td>2017–present</td>
<td>BI</td>
<td>$25,788</td>
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<td>Louis</td>
<td>Phillips Respironics COPD - upcoming</td>
<td>2/2019</td>
<td>Phillips</td>
<td>$79,585</td>
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<tr>
<td>Cury</td>
<td>ABBS: Asthma BMI Baseline Study</td>
<td>5/2019</td>
<td>John Hopkins</td>
<td></td>
</tr>
<tr>
<td>Cury</td>
<td>Leep : Losartan Effects on Emphysema Progression (COPD)</td>
<td>2017–present</td>
<td>John Hopkins</td>
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</tbody>
</table>
Highlights

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

The Division continues 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. Our graduated fellows have now all certified in Musculoskeletal Ultrasound. We are grateful to all the staff and Graduate Medical Education office in successfully applying and receiving Rheumatology Fellowship. The first fellow, Jaspreet K Kaler has started her training in July 2018. The Division organized the 10th extremely successful annual CME musculoskeletal ultrasound training course. It was attended by national and international Rheumatologists as well as fellows in training.

The Division has been successful in recruiting faculty members. However, the backbone to our success is the loyal and hardworking staff at our clinics, hospital and administrative offices.

Patient care: The Division maintained its 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 very up to date rheumatology services and 24/7 consultations at UF Health Jacksonville, the Ambulatory Care Clinic and our dedicated outpatient clinic on Emerson Street. The Division also provides musculoskeletal ultrasound services related to rheumatologic care both for inpatient and outpatient settings.

In the outpatient setting, we provide full rheumatology coverage from Monday through Friday, where we provide diagnostic musculoskeletal ultrasound and musculoskeletal procedures under ultrasound guidance.

Excellence is our only goal when it comes to patient care. Our faculty members achieved or exceeded the average in our specialty and in comparison to others at our institution. We touch our patients’ lives during some of the most vulnerable moments they will ever encounter alone or with their loved ones. As physicians of the UFCOM-J, we always strive for excellence in our practice.

Education: Education is one of the main missions at the UFCOM-J. Our faculty members have been very dedicated and creative in delivering the best of what they can offer to our students and residents. Our achievements in education were highlighted in multiple venues but the rheumatology fellowship program was a major cornerstone in the growth and development of our academic program. The Division has successfully attained fellowship accreditation starting in July 2018. The fellowship provides a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound.

In the educational program of the University of Florida medical students and residents, Dr. Ramrattan, Dr. Thway, Dr. Ramsubeik and Dr. Kaeley participated in precepting clinics in rheumatology and delivered core curriculum lectures for the Internal Medicine Residency Program. Faculty members participated in internal medicine Grand Rounds and shared the knowledge as invited rheumatology speakers on a regular basis.
The 10th Musculoskeletal Ultrasound Course in March 2019 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 and served as faculty, providing lectures and practical ultrasound instruction. Dr. Ramrattan served as a faculty member and Jaspreet Kaler, PGY4 Fellow, as an anatomy prosector and instructor. The course was attended by rheumatology educators and fellows from 26 States, as well as from Canada. The attendees were very complimentary of the innovative cadaver-based curriculum held in the UFCOM-J CSESaR Simulation Center. The course was complimented by an eLearning component. Faculty have also produced eLearning material featured on national websites and are deeply involved in Musculoskeletal Ultrasound education nationally and internationally. Some of the international courses have utilized cutting edge models produced by the UFCOM-J simulation center. The Division is grateful for the hard work of the simulation staff in making the courses such a success. The Division has also been heavily involved in musculoskeletal ultrasound advocacy by assisting the American College of Rheumatology and Florida Society of Rheumatology in coordinating efforts to interact with Medicare representatives.

E-Learning is an entrepreneur unique project that was pioneered by Dr. Kaeley. The aim of this project is to develop electronic learning content to cover basic Rheumatology Core Curriculum, as well as musculoskeletal ultrasound training material. Dr. Kaeley has successfully deployed Canvas to enable enhancement and deep learning with the fellowship program. The division has also undertaken novel organizational tools such as Trello to improve efficiency.

**Research:** The Division has been growing its research enterprise. Although the Division is active in numerous pharmaceutical trials, its emphasis is to develop investigator initiated trials as well as to seek grants. The division has a strong quality improvement program as well as collaboration with the Pharmacy department which has resulted in two poster presentations at the Annual Meeting of the American College of Rheumatology. The Division has collaborated with multiple national renowned researchers. Of note the Division collaborated with University of Alabama to develop skills in meta-analysis resulting in a publication. The Division continues to collaborate with the University of California, Los Angeles Division of Rheumatology in a bi-center prospective trial of Tocilizumab in Rheumatoid Arthritis, utilizing Power Doppler as a secondary outcome measure. In addition, the Division has collaborations with the University of Toronto as well as University of Ottawa as part of an international effort to develop a musculoskeletal ultrasound enthesitis diagnostic tool. The Division has also been evaluating Medicare Expenditures for Musculoskeletal Ultrasound as well as drug utilization. The division had multiple poster presentations at the American College of Rheumatology annual meeting in Chicago, IL. Members of the Division are closely involved with the Outcome in Clinical Rheumatology Trials (OMERACT) musculoskeletal ultrasound group and is leading the project at developing sonographic outcome tools in psoriatic arthritis and dactylitis. Dr. Kaeley served as the chair of the Institutional Review Board 03 board.
LISTING OF FACULTY MEMBERS

Gurjit S Kaeley, M.B.B.S., MRCP, RhMSUS, Professor and Chief
Medical School
Internship/residency
Subspecialty training
The London Hospital Medical College, London, UK
University of Tennessee College of Medicine
University of Tennessee College of Medicine

Laurie A. Ramratten, M.B.B.S., RhMSUS, CCD Assistant Professor
Medical School
Internship/residency
Subspecialty training
University of West Indies
University of Florida College of Medicine-Jacksonville
University of Florida College of Medicine-Jacksonville

Karishma Ramsubeik, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training
University of West Indies
University of Florida College of Medicine-Jacksonville
Jackson Health System, Miami FL (Geriatrics)
University of Wisconsin (Rheumatology)

Myint Thway, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Institute of Medicine, Yangon, Myanmar
Lutheran Medical Center, New York
University of Miami, Miller School of Medicine

PUBLICATIONS

Manuscripts:


Book Chapters:

Electronic Publication Monographs:


Web Based Electronic Learning Content:


2013 – Present: Kaeley GS, Musculoskeletal Ultrasound CME Pre-Course Module. (CME provided by Suwanee Area Health Education Centers (AHEC).

Abstracts Presented:


Activities and Presentations:


Kaeley GS. Ultrasound Evaluation of Enthesitis in Psoriatic Arthritis. Interdisciplinary Autoimmune Network Meeting; April 5-7, 2019; Chicago, IL.


Kaeley GS. Invited faculty for hands on instruction - American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatologists, Chicago, IL. October 2018. (Stations included Shoulder, Elbow, Hand and Wrist, Hip, Knee, Ankle and
foot in addition to Enthesitis and Subtalar joint, Differentiating gout from CPPD, Inflammatory arthritis scoring, Sjogrens syndrome)

Kaeley GS. Faculty and co-writer Musculoskeletal Ultrasound Board Review Workshop at American College of Rheumatology Annual Meeting, Chicago, IL. October 2018.


Kaeley GS. Faculty and Instructor Basic Musculoskeletal Ultrasound Workshop at American College of Rheumatology Annual Meeting, Chicago, IL. October 2018.

Thway M. Small Group Provider Education for Lupus. Putnam County Providers, Putnam County Health Department, FL. August 2018.


**CLINICAL ACTIVITIES**

<table>
<thead>
<tr>
<th>Inpatient Activity</th>
<th>FY 18/19</th>
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<tr>
<td>Initial Inpatient Encounters</td>
<td>105</td>
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<table>
<thead>
<tr>
<th>Outpatient Activity</th>
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<tr>
<td>Clinic Visits</td>
<td>6029</td>
</tr>
<tr>
<td>US, extremity, nonvascular</td>
<td>436</td>
</tr>
</tbody>
</table>
### CONTRACTS AND GRANTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaeley, G</td>
<td>Phase 3B/4 Randomized Safety Endpoint Study Of 2 Doses Of Tofacitinib In Comparison To A Tumor Necrosis Factor (TNF) Inhibitor In Subjects With Rheumatoid Arthritis</td>
<td>7/5/14 - Present</td>
<td>Pfizer</td>
<td>$79,783.20</td>
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<tr>
<td>Kaeley, G</td>
<td>Phase 2 Study, Multicenter, Open-Label Extension (OLE) Study in Rheumatoid Arthritis Subjects Who Have Completed a Preceding Phase 2 Randomized Controlled Trial (RCT) with ABT-494</td>
<td>10/22/14 - Present</td>
<td>Abbvie</td>
<td>$318,649.29</td>
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<tr>
<td>Kaeley, G</td>
<td>Musculoskeletal Ultrasound In Predicting Early Dose Titration With Tocilizumab</td>
<td>9/4/14 – 7/26/18</td>
<td>UCLA</td>
<td>$347,255.00</td>
</tr>
<tr>
<td>Kaeley, G</td>
<td>A Randomized, Double-blind, Placebo- and Active-controlled, Multicenter, Phase 3 Study to Assess the Efficacy and Safety of Tofacitinib In Subjects With Rheumatoid Arthritis Who Have an Inadequate Response to Methotrexate (FINCH-1)</td>
<td>2/1/17 - Present</td>
<td>Gilead</td>
<td>$327,000.00</td>
</tr>
<tr>
<td>Kaeley, G</td>
<td>A Randomized, Double-blind, Placebo-controlled, Multicenter, Phase 3 Study to Assess the Efficacy and Safety of Filgotinib Administered for 24 weeks in Combination with Methotrexate to Subjects with Moderately to Severely Active Rheumatoid Arthritis Who Have an Inadequate Response to Biologic DMARD(s) Treatment (FINCH-2)</td>
<td>2/1/17 - Present</td>
<td>Gilead</td>
<td>$134,375.00</td>
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<tr>
<td>Kaeley, G</td>
<td>A Randomized, Double-blind, Placebo- and Active-controlled, Multicenter, Phase 3 Study to Assess the Efficacy and Safety of Filgotinib Administered for 52 weeks Alone and in Combination with Methotrexate (MTX) to Subjects with Moderately to Severely Active Rheumatoid Arthritis Who Are Naïve to MTX Therapy (FINCH-3)</td>
<td>2/1/17 - Present</td>
<td>Gilead</td>
<td>$286,254.00</td>
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<tr>
<td>Kaeley, G</td>
<td>Phase 3b/4 Randomized Double Blind Placebo Controlled Study of Methotrexate (MTX) Withdrawal in Subjects with Rheumatoid Arthritis (RA) Treated with Tofacitinib 11mg Modified Release (MR) Formulation</td>
<td>2/17/17 - Present</td>
<td>Pfizer</td>
<td>$59,710.00</td>
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<tr>
<td>Kaeley, G</td>
<td>A Phase 2, Randomized, Double-blind, Multicenter Study Evaluating the Safety and Efficacy of Filgotinib and GS-9876 in Subjects with Lupus Membranous Nephropathy (LMN)</td>
<td>2/8/18 - Present</td>
<td>Gilead</td>
<td>$124,623.00</td>
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<tr>
<td>Kaeley, G</td>
<td>A Multicenter, Double-blind, Long Term Extension Study to Assess the Safety and Efficacy of Filgotinib in Subjects with Rheumatoid Arthritis (FINCH-4)</td>
<td>4/12/18 - Present</td>
<td>Gilead</td>
<td>$288,920.00</td>
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<tr>
<td>Kaeley, G</td>
<td>A Randomized, Phase 2, Double-blind, Placebo-controlled Study to Assess the Safety and Efficacy of Filgotinib, GS-9876 and GS-4059 in Adult Subjects with Active Sjogren's Syndrome</td>
<td>6/21/18 - Present</td>
<td>Gilead</td>
<td>$192,380.00</td>
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<tr>
<td>Kaeley, G</td>
<td>A Multicenter, Double-blind, Placebo-controlled, Parallel-group Study of Ustekinumab in Subjects with Active Systemic Lupus Erythematosus</td>
<td>4/15/19 - Present</td>
<td>Janssen</td>
<td>$239,028.50</td>
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