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## Academic Year 2018 (7/17 – 6/18)

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   g. Nephrology and Hypertension
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   i. Rheumatology and Clinical Immunology
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 2017 through June 2018. I will briefly describe the departmental accomplishments in our tripartite mission of excellence in patient care, education and research.

**Patient care:** Clinical volumes in all specialties continued to increase with up to 30% of our referrals coming from the community non-UF affiliated physicians. The Departmental fiscal bottom-line finished the year with $449,080 ahead of the budget. The access to our specialties improved significantly with the recruitment of additionally talented faculty. Three areas of patient care namely, Heart failure, Nephrology and Diabetes were recognized nationally as high-performing.

**Education:** The Department continues to excel in its mission of educating students and residents. There were unprecedented 19 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. Dr. Win M. Aung was the recipient of College of Medicine Excellence in Student Education Award, Dr. Grant Nelson was the recipient of the Edward Jelks Outstanding Resident Clinician Award and Dr. Bashar Al-Turk and Dr. John Hartwell Houston Mooney received the Louis S. Russo Award for Outstanding Professionalism in Medicine. 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 once again had a productive year in research. There were a total of 120 peer reviewed publications, 7 monographs and book chapters and 3 electronic web based scholarly outputs. Faculty made 119 national and regional presentations. During the academic year 2018, we had 61 research awards and the research funding increased by 49%. The scholarly productivity of the house staff remained high with 35% of all the presentations at the Annual Research Day were made by the residents and fellows within the Department.

Overall, the Department once again 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 2018 (7/17 - 6/18)

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.
Program Director, Internal Medicine Residency and Associate Chair, Department of Medicine

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

Elisa Sottile, M.D.
Associate Program Director, Internal Medicine Residency

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
Silvio de Melo, Jr., M.D. (Interim)

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.
RESIDENTS/FELLOWS

**Chief Residents**
Jeffrey Winder, DO
Lauren Stemboroski, DO

**Housestaff I**
Belinda Bajric, DO
Michael Carranza, DO
Nancy Davison, DO
Ansuya Deosaran, MD
Charles Jacobs, MD
Sonja Jadeja, DO, MS
Joshua Lung, DO
Maria Del Mar Morales Hernandez, MD
Brian Nguyen, DO
Catarina Nolan Ruas Rego Canha, MD
Hamel Patel, DO
Rhumit Patel, DO
Jose Rivas Rios, MD
John Robinson, MD
Zachery Rosensweet, DO
Patricia Shelley, DO
Jorge Verdecia, MD
Firas Warda, MD
Unnati Wardan, DO
Ashley Thomas, MD

**Housestaff II**
Rami Bahioul, 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

**Housestaff III**
Bashar Al-Turk, DO
Emma Bueno, MD
Mario Cisneros, DO
Maria Gutierrez, MD
Ciel Harris, MD
Brittany Lyons, DO
Grant Nelson, DO
Pujan Patel, MD
Julio Perez-Downes, DO
Aaron Richardson, MD
Keyrilloz Rizg, MD
Stuart Shah, MD
Scott Steinberg, MD
Jorge Trabanco, MD

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

**Medical School**
Lake Erie College of Osteopathic Medicine, Bradenton
Nova Southeastern University College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
University of Florida College of Medicine
University of Central Florida College of Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton
Ponce School of Medicine and Health Sciences
Alabama College of Osteopathic Medicine
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
Medical University of South Carolina
Rocky Vista University College of Osteopathic Medicine
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
St. George's University School of 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

**Medical School**
Lake Erie College of Osteopathic Medicine, Bradenton
Mercer University School of Medicine
Edward Via College of Osteopathic Medicine, Carolinas Campus
Ross University School of Medicine
University of the West Indies, Barbados Faculty of Medical Sciences
Philadelphia College of Osteopathic Medicine
Edward Via College of Osteopathic Medicine, Carolinas Campus
Medical University of Lublin
Lake Erie College of Osteopathic Medicine, Bradenton
Edward Via College of Osteopathic Medicine, Virginia Campus
Ross University School of Medicine
Ross University School of Medicine
Ross University School of Medicine
Ross 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
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
Marie Angelica Landicho, MD – Endocrinology
Valery Muenyi, MD – Gastroenterology
Ammar Nassri, MD – Gastroenterology
W. Taylor Palfrey Jr, MD – Pulmonary Critical Care
Virin Ramoutar, MD – Nephrology
Sarah Sultman, MD – Nephrology
Chinelo Udembga, MD – Cardiology
JainilJatin Shah, MD – Cardiology

Subspecialty Fellow – Housestaff V
Tracy Ashby, DO – Pulmonary Critical Care
Edilberto Benitez, MD – Cardiology
Kui-Tau Feng, MD – Endocrinology
Andre Fialho, MD – Gastroenterology
Andrea Fialho, MD – Gastroenterology
Bharatsinh Gharia, MD – Medical Oncology
Priscilla Givens, MD – Cardiology
Krista Gonzales, MD – Endocrinology
John Khuu, MD – Medical Oncology
Sanjay Lulla, DO – Cardiology
Nimeh Najjar, MD – Pulmonary Critical Care
Wesam Ostwani, MD – Cardiology
Happy Sadiek, MD – Nephrology
JainilJatin Shah, MD – Cardiology
Asim Shuja, MD – Gastroenterology

Subspecialty Fellow – Housestaff VI
Joshua Anderson, MD – Gastroenterology
Amit Babbar, MD – Pulmonary Critical Care
Jason Bellardini, MD – Pulmonary Critical Care
Emilio Garcia, MD – Cardiology
Saif Ibrahim, MD – Cardiology
Victor Kairouz, MD – Cardiology
Joshua Levine, MD – Cardiology
John Mooney, MD – Cardiology
Asim Shuja, MD – Gastroenterology
Dmitry Yaranov, MD – Cardiology

Subspecialty Fellow – Housestaff VII
Marc Kaufman, MD – Int. Cardiology
Marshall Marcus, MD – CCEP
Ramez Smairat, MD – Int. Cardiology
Karthik Venkatesh Prasad, MD – Electrophysiology

Subspecialty Fellow – Housestaff VII
Javier Acevedo Gonzalez, MD – CCEP

Program Director
Steven Hsu, MD
Gladys Velarde, MD
Kent Wehmeier, MD
Silvio de Melo, Jr, MD
Dominick Angiolillo, MD
Michael Sands, MD
Dat Pham, MD
Charles Heilig, MD
J. Davis Cury, MD

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
Pramukhswami Medical College

Medical School
Debusk College of Osteopathic Medicine
Florida International University Herbert Wertheim College of Medicine
Boston University School of Medicine
Universidade Federal do Ceará (UFC) Faculdade de Medicina
Universidade Federal do Ceará (UFC) Faculdade de Medicina
Smt. N.H.L. Municipal Medical College
USF Health Morsani College of Medicine
Ross University School of Medicine
University of Toledo College of Medicine
University of N Texas HSC, Texas College of Osteopathic Medicine
Ross University School of Medicine
University of Damascus Faculty of Medicine
Assiut University Faculty of Medicine
Pramukhswami Medical College
Khyber Medical College

Medical School
University of Miami Miller School of Medicine
St. George's University School of Medicine
American University of Antigua
University of Texas Medical Branch School of Medicine
Al-Nahrain University College of Medicine
Université Saint Esprit de Kaslik Faculté de Médecine
University at Buffalo School of Medicine and Biomedical Sciences
University of South Carolina School of Medicine
Khyber Medical College
Samara State Medical University

Medical School
USF Health Morsani College of Medicine
Sackler School of Medicine
University of Jordan Faculty of Medicine
J.J.M. Medical College, Davangere

Medical School
Ross University School of Medicine

Organizational Overview
Department of Medicine
Subspecialty Fellowship Programs
Clinical Cardiac Electrophysiology (CCEP)
Cardiology
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Gastroenterology
Interventional Cardiology
Infectious Disease
Medical Oncology
Nephrology
Pulmonary Critical Care

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University of N Texas HSC, Texas College of Osteopathic Medicine
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Assiut University Faculty of Medicine
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Khyber Medical College

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Al-Nahrain University College of Medicine
Université Saint Esprit de Kaslik Faculté de Médecine
University at Buffalo School of Medicine and Biomedical Sciences
University of South Carolina School of Medicine
Khyber Medical College
Samara State Medical University

Medical School
USF Health Morsani College of Medicine
Sackler School of Medicine
University of Jordan Faculty of Medicine
J.J.M. Medical College, Davangere

Medical School
Ross University School of Medicine

Annual Report AY 2018
7
Organizational Overview
Highlights

The graduate medical education programs continued to have growth and development over the 2017-18 academic year. Some divisions began work on new programs, some resolved previous difficulties, and others began adding new academic opportunities. 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 has now a graduate practice in every major hospital in the Jacksonville area. The core residency program continues to graduate clinicians that 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 was 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 setting
- Prepare residents to be competitive applicants for fellowship, and 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 socially 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 2018 was quite diverse in their destinations following graduation. Eight of our graduates have sought fellowship training in various specialties, including cardiology, pulmonary/critical care, gastroenterology, and nephrology. Although some of the graduates pursued fellowships at other institutions, six residents are staying in Jacksonville for fellowship. Other graduates have pursued hospital medicine in the local area and one moved to his home state of Alabama for an academic hospitalist position. The program continues to recruit two administrative chief residents, and this trend continued with the hiring of Drs. Bashar Al-Turk and Julio Perez-Downes. Lastly, this year was unique in that two of our graduates, Drs. Brittany Lyons and Maria Gutierrez, have both taken roles in primary care medicine in the Department of Medicine. We are excited to have them join us and look forward to their contributions to the department.

The core program continued to work on correcting the 2015 ABIM setback. The class of 2017 took another step in the right direction with a 92% pass rate. This brings the ABIM three year rolling average to 83%, which is more in line with the national average. The program looks to improve upon this mark and expects to be above the national average with its most recent graduating class.

The leadership within the residency program remained stable for the past academic year. Drs. Jeff Winder and Lauren Stemboroski continued the tradition of strong Chief Resident teaching and leadership. They continued to build on the strong foundation from their predecessors. This year was the first full year...
having Dr. Elisa Sottile as Associate Program Director. She continued with her focus on curriculum and mentorship, but also addressed a critical need in Faculty Development. As in previous years, the program continues to excel thanks to Dr. Carlos Palacio. His contributions to the program, with a focus on clerkship and research, are high quality, professional, and are major factors in the program’s success. He maintained his position as clerkship director and therefore oversees the student experience within the department. As the program becomes more popular with students from other schools, Dr. Palacio has many opportunities with student education.

As in years past, the Department of Medicine had a plethora of faculty receiving Exemplary Teacher Awards. A remarkable 18 faculty were recipients this year: Drs. Joe Chehade, J. Davis Cury, Linda Edwards, Francesco Franchi, Gunjan Gandhi, Michael Haas, Jason Hew, Steve Hsu, Lisa Jones, Leighton James, Mariam Louis, Ronald Mars, Ghania Masri, Alan Miller, Robert Percy, Vandana Seeram, Elisa Sottile, Lara Zuberi. Dr. Win M. Aung was the recipient of College of Medicine Excellence in Student Education Award. Dr. Grant Nelson was the recipient of the Edward Jelks Outstanding Resident Clinician Award and Dr. Bashar Al-Turk and Dr. John Hartwell Houston Mooney received the Louis S. Russo Award for Outstanding Professionalism in Medicine. In addition, Dr. Brittany Lyons and Dr. Dmitry M. Yaranov were finalists for the Rosalie O. Saffos Outstanding Resident Teacher Award, Dr. Julio Perez-Downes was a finalist for the Ann Harwood-Nuss Resident Advocate Award and Dr. Dat Pham was a finalist for the faculty category of Louis S. Russo Award for Outstanding Professionalism in Medicine.

As has been the case in years past, residents and fellows were very active participants in this campus’s annual Research day. Of the platform presentations, Dr. Krista Gonzales, fellow in the division of endocrinology, was the 5th place prize winner. Of the poster presentations, two cardiology fellows received the top prizes, Dr. Dmitry Yaranov won first place and Dr. Joshua Levine received second place, and Dr. Karan Seegobin, 2nd year resident achieved 6th place in the competition. Residents continued to present at several local, regional, and national conferences. The residents have been successful beyond just local research presentations. The likes of these include the Duval County Medical Society, Florida Chapter American College of Physicians Meetings (both spring and fall), American College of Cardiology, American Heart Association, American Federation for Medical Research Southern Region, Southern Hospital Medicine, American College of Chest Physicians, Digestive Disease Week, American Thoracic Society, and the American College of Gastroenterology annual meetings. Residents continue to impress in sheer volume of scholarly endeavors, producing 163 presentations, publications, abstracts, and grants, and have again eclipsed the year’s previous accomplishment that had been the highest mark to date.

During this academic year, the internal medicine residency program continued to advance curricular changes. The newly established Quality Improvement/Patient safety rotation further evolved with the addition of more outpatient QI education and the addition of coding and documentation. This resulted in a minor increase in QI projects, particularly addressing outpatient parameters. The procedure rotation also changed slightly to increase the intern experience; with the ultimate goal of getting interns to the level of independence earlier in their training. Lastly, the ACGME is focused on addressing the health and wellbeing of its trainees. In turn, the core program began to make curricular additions to address resident wellness as well as assessment of residents at risk for burnout.

Student Education: Dr. Carlos Palacio continued to lead the clerkship experience for the Department of Medicine. Under his leadership, medical student clerkship has been a strength within the department. Students not only from University of Florida, but from outside institutions as well, continued to rate the training experience has one of high quality and a nurturing environment. This is true for not only the general medical experiences on the inpatient and outpatient settings, but also the subspecialty rotations. The department continues 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. The program continues to have success in recruiting many of these students for residency.
# LISTING OF PROGRAM LEADERSHIP

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Chief Medical Resident</th>
<th>University of Florida Jacksonville</th>
<th>Lake Erie College of Osteopathic Medicine</th>
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<td><strong>Jeff House, DO, Professor, Associate Chair of Education &amp; Quality Improvement, and Program Director</strong></td>
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<td><strong>Carlos Palacio, MD, Professor, Associate Program Director, and Clerkship Director</strong></td>
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<td><strong>Elisa Sottile, MD, Assistant Professor and Associate Program Director</strong></td>
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<td>Graduate Hospital, Philadelphia, PA</td>
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<td><strong>Lauren N. Stemboroski, DO, Post-doctoral Associate and Chief Medical Resident</strong></td>
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PUBLICATIONS

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

**Published manuscripts:**


Yaranov D, Kairouz V, Patel P, Franchi F, Rollini F. To cath or not to cath... rare electrocardiographic presentation of acute myocardial infarction. JACC. 2018 March;71(11):2195.


Harris C. Barriers to treatment of chronic hepatitis c with direct-acting antivirals in an urban clinic. Hepatol. 2017;66(S1)325A:597.


Patel P. Cardiac noncompaction causing sudden cardiac death CHEST. 2017;152(4_S):A77.


Presentations:

Richardson A. Anticoagulation for the pregnant patient with a mechanical heart valve, no perfect therapy. Poster presentation at: Duval County Medical Society Meeting; Jacksonville, FL. May 2018.


Bueno E. Mimicking the common causes of syncope in an adult with a heart murmur. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. May 2018.


Horn C. Three’s company myocarditis. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. May 2018.

Maharaj S. Heparin-induced thrombocytopenia (hit) at an urban academic health system: choosing wisely. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. May 2018.


Richardson A. Myasthenia gravis masquerading as a non-st-elevation myocardial infarct (nstemi). Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. May 2018.


Seegobin K. Multiple cancers after chemotherapy, radiotherapy and hormonal therapy at University of Florida: a pilot study. Poster presentation at: Midwest American Federation for Medical Research Annual Meeting; Chicago, IL. April 2018.


Ruiz Morales J. Quality of clinical outcomes and effectiveness of heart failure exacerbation management in emergency room observation unit versus coronary care unit. Poster presentation at: Society of General Internal Medicine Meeting; Denver, CO. April 2018.

Serrano Santiago I. Malignancy-associated hypercalcemia with severe symptomatic presentation. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2018.


Seegobin K. Does chemotherapy, radiotherapy or hormonal therapy increase the risk of multiple cancers? A pilot study. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2018.
Horn C. Three’s company myocarditis. Poster presentation at: Florida Chapter American College of Physicians; Orlando, FL. March 2018.


Perez-Downes J. Right atrial thrombus in transit causing peripheral venous congestion. Poster presentation at: American College of Cardiology; Orlando, FL. March 2018.

Patel P. To cath or not to cath... rare electrocardiographic presentation of acute myocardial infarction. Poster presentation at: American College of Cardiology; Orlando, FL. March 2018.

Maharaj S. Impella induced hemolytic anemia. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.

Horn C. A case of rapidly progressing respiratory failure. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Thomas A. Stress induced cardiomyopathy in the setting of neuroleptic malignant syndrome. Oral presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Carlson J. Testicular seminoma metastasis presenting as cardiac arrhythmia. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Carlson J. Liver failure caused by Hepatitis A treated with N-acetylcysteine. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Richardson A. Acquired tracheoesophageal fistula as a complication of acquired immunodeficiency syndrome (aids). Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.
Richardson A. Myasthenia gravis masquerading as a non-st-elevation myocardial infarct (nSTEMI). Oral presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Baldeo CM. Vasculitis presenting as diffuse alveolar hemorrhage. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; New Orleans, LA. February 2018.


Burden Z. Primary central nervous system lymphoma associated with idiopathic CD4+ t-cell lymphocytopenia. Poster presentation at: Florida Chapter American College of Physicians; Palm Beach Gardens, FL. December 2017.

Carlson J. Testicular seminoma metastasis presenting with cardiac arrhythmia. Poster presentation at: Florida Chapter American College of Physicians; Palm Beach Gardens, FL. December 2017.

Maharaj S. Acute glomerulonephritis secondary to streptococcus anginosus: a new nephritogenic strain. Poster presentation at: Florida Chapter American College of Physicians; Palm Beach Gardens, FL. December 2017.

Seegobin K. Mycobacteria bovis osteomyelitis following intravesical BCg for bladder cancer. Poster presentation at: Florida Chapter American College of Physicians; Palm Beach Gardens, FL. December 2017.


Perez-Downes J. Predicting variables of mortality among Patients with NT-proBNP>70,000 pg/ml. Poster presentation (1st place) at: Duval County Medical Society Annual Meeting; Jacksonville, FL. December 2017.


Serrano Santiago I. Adenocarcinoma of the appendix presenting as recurrent abscess formation. Poster presentation at: Southern Hospital Medicine Annual Conference; New Orleans, LA. October 2017.


Horn C. A classic case of human granulocytic anaplasmosis in a vacationer. Poster presentation at: Southern Hospital Medicine Annual Conference; New Orleans, LA. October 2017.

Staiano P. Hypertriglyceridemia induced pancreatitis due to mixed hyperlipidemia (Type V). Poster presentation at: Southern Hospital Medicine Annual Conference; New Orleans, LA. October 2017.


Thomas A. A case of refractory esophageal strictures treated with oral viscous budesonide. Poster presentation at: World Congress of Gastroenterology at the American College of Gastroenterology Annual Meeting; Orlando, FL. October 2017.


Patel P. Predicting variables of mortality among patients with NT-proBNP > 70,000 Pg/Ml. Poster presentation at Heart Failure Society of America 21st Annual Scientific Meeting; Dallas, TX. October 2017.

Patel P. Prediction of heart failure readmission using echocardiographic variables in patients with HFPEF in an urban inner city teaching hospital. Poster presentation at Heart Failure Society of America 21st Annual Scientific Meeting; Dallas, TX. October 2017.

GRANTS


HONORS AND AWARDS

Belinda Bajric, DO        Intern of the Year
Grant Nelson, DO         Senior Resident of the Year & Procedure Completion Award
Amit Babbar, MD          Fellow of the Year
Vandana Seeram, MD       Teacher of the Year
Cherisse Baldeo, MD      Best Conference Attendance
Julio Perez-Downes, DO   ACP Resident of the Year
Bashar Al-Turk, DO       Louis S. Russo Award of Outstanding Professionalism in Medicine
Win Aung, MD             UF Excellence in Student Education Award - Faculty
Ciel Harris, MD          Malcolm T. Foster, Jr., MD Scholarship Award

Nancy Davison, DO; Grant Nelson, DO; and Karan Seegobin, MD competed in the American College of Physicians, Florida Chapter - Doctor’s Dilemma™ State Team.

Grant Nelson, DO is the recipient of the resident UF College of Medicine Exemplary Teachers Award and the Edward Jelks Outstanding Resident Clinician Award.

Joe Chehade, MD; Dave Cury, MD; Linda Edwards, MD; Francesco Franchi, MD; Gunjan Gandhi, MD; Michael Haas, PhD; Jason Hew, MD; Steve Hsu, MD; Leighton James, MD; Lisa Jones, MD; Mariam Louis, MD; Ron Mars, MD; Ghania Masri, MD; Alan Miller, MD; Robert Percy, MD; Vandana Seeram, MD; Elisa Sottile, MD; and Lara Zuberi, 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 2018 DESTINATIONS

## Chief Medical Residents
- Lauren Stemboroski, DO
- Jeffrey Winder, DO

## Preliminary Residents
- Ansuya Deosaran, MD
- Charles Jacobs, MD
- Brian Nguyen, DO
- John Robinson, MD
- Zachery Rosensweet, DO
- Kyle Wuthrich, DO

## Professional Status

<table>
<thead>
<tr>
<th>Location</th>
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<tbody>
<tr>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Mayo Clinic, Jacksonville</td>
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</table>

## Location

- Louisiana State University
- Lenox Hill Hospital, New York
- University of Florida Jacksonville
- University of Florida Jacksonville
- University of Florida Jacksonville
- University of Florida Jacksonville

## Categorical Residents
- Bashar Al-Turk, DO
- Emma Bueno, MD
- Mario Cisneros, DO
- Maria Gutierrez, MD
- Ciel Harris, MD
- Brittany Lyons, DO
- Grant Nelson, DO
- Pujan Patel, MD
- Julio Perez-Downes, DO
- Aaron Richardson, DO
- Keyrillos Rizg, MD
- Stuart Shah, MD
- Scott Steinberg, MD
- Jorge Trabanco, MD

<table>
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<tr>
<th>Location</th>
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<tbody>
<tr>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Mayo Clinic, Jacksonville</td>
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<td>Palm Coast, FL</td>
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<tr>
<td>UF North Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>VCOM, Auburn, AL</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>Nashville, TN</td>
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<td>University of Florida Jacksonville</td>
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<td>University of Florida Jacksonville</td>
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<td>Palm Coast, FL</td>
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The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville’s mission. Trends in external funding for fiscal year 2017-2018 and four prior years are shown in Figure 1.

External funding from federal, state, industry and foundation sources increased 48.6% this fiscal year compared to last. This significant occurred even though there was a decrease in the number of funded investigators (from 21 investigators last fiscal year to 16 investigators this fiscal year) (Figure 2) as well as a decrease in the number funded projects (from 76 projects last fiscal year to 61 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. Though he left at the end of the academic year, **Leighton James, M.D.**, (Nephrology and Hypertension) was examining the roles of various growth factors in diabetic kidney disease.
Residents and sub-specialty fellows in the Department of Medicine are assigned a mentor and participate in basic, translational, quality improvement research, epidemiological, or clinical research. One fellow, Priyanka Bikkini, M.D., (Endocrinology) and one resident, Ivan Serrano Santiago, M.D., in the Department of Medicine received Deans Fund Research Grants enabling them to carryout research projects under the mentorship of faculty. This has increased the scholarly output of our trainees.

At Research Day, 35% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. Dr. Krista Gonzales, M.D., (Endocrinology) placed fifth place in the oral platform competition. Of the poster presentations, Dr. Jose Rivas Rios, M.D., received the first place prize. Dr. Joshua Levine, M.D., received the second place prize and Dr. Karan Seegobin, M.D., received the sixth place prize. In addition, Leighton James, M.D., (Nephrology and Hypertension) discussed his research for his 2017 Robert C. Nuss Researcher/Scholar Award. These great outcomes are in part due to the desire and hard work of their faculty mentors.
DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2018 (7/17 - 6/18)

Highlights

- Hired 2nd Cardiothoracic surgeon
- New Structural Heart Interventional Cardiologist started
- Started Mitral Clip Program
- Started Watchman Program
- New ECHO report system
- Completed construction on Cath Lab room 1, completed construction on Cath Lab room 2
- Meet financial targets for both UF and UF Health hospital budgets
- Started vascular procedures in non-invasive lab
- Expanded EP services with start of 4th electrophysiologist, expanded services at North and in St. Mary’s office
- Increase number of EP and Cath procedures at UF North, start PCI program at North

Education: The fellowships programs remain competitive. Our fellows and residents have received several research awards including Dean’s grants and several presentations on Research Day. 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
- Board review/in training exam review sessions twice a month
- An advanced imaging rotation at Mayo; start of video conferencing with Mayo
- Guest lecture faculty participating in our weekly didactic conference sessions
  - Pulmonary series with Dr. Bajwa (UF – Jax)
  - Advance imaging series with Dr. Shapiro (Mayo)
  - Advance HF series with Dr. Parag Patel (Mayo)
- Updated core curriculum lectures on every cardiology discipline
- Hemodynamic 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
- Developing opportunities to obtain CME credit for Cardiology Grand Rounds

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty training</th>
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<tbody>
<tr>
<td>Dominick Angiolillo, M.D. Ph.D.,</td>
<td>Professor</td>
<td>Medical School</td>
<td>Professional Education – Ph.D.</td>
<td>Internship/residency</td>
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<td></td>
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<td>Subspecialty training</td>
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<tr>
<td>Theodore Bass, M.D.</td>
<td>Professor and Division Chief</td>
<td>Brown University</td>
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<tr>
<td>John Catanzaro, M.D.</td>
<td>Assistant Professor</td>
<td>State University of New York</td>
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<tr>
<td>Francesco Franchi, M.D.</td>
<td>Assistant Professor</td>
<td>University of Modena and Reggio Emilia, Modena, Italy</td>
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<tr>
<td>Steve Hsu, M.D.</td>
<td>Associate Professor</td>
<td>Washington University</td>
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<tr>
<td>Robert Kim, M.D.</td>
<td>Assistant Professor</td>
<td>Tufts University School of Medicine – Boston, MA</td>
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<tr>
<td>Alan Miller, M.D.</td>
<td>Professor</td>
<td>University of Pittsburgh</td>
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<tr>
<td>Robert Percy, M.D.</td>
<td>Associate Professor</td>
<td>University of Mississippi</td>
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</table>
Andres Pineda Maldonado, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training
Subspecialty training

Pontificia Universidad Javeriana, Bogota Colombia
Mount Sinai Medical Center, Miami, FL
Mount Sinai Medical Center, Miami, FL
Mount Sinai Medical Center, Miami, FL—Interventional Cardiology
Duke University Hospital – Structural Heart Disease Interventions

Fabiana Rollini, 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

Srinivasan Sattiraju, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training

Adichunchanagri Institute of Medical Sciences, Karnataka, India
University of Medicine and Dentistry of New Jersey
University of Minnesota Medical School,

Daniel Soffer, M.D., Associate Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training

Ben Gurion University, Israel
Lenox Hill Hospital
Lenox Hill Hospital – Cardiovascular Disease
William Beaumont Hospital – Interventional Cardiology

Jialin Su, M.D., Ph.D., Assistant Professor
Medical School
Professional Education – Ph.D.
Internship/residency
Subspecialty training
Subspecialty training

Peking Union Medical College/Tsinghua University, Beijing, China
Peking Union Medical College/Tsinghua University, Beijing, China
North Shore-Long Island Jewish Health System
Rhode Island Hospital/Brown University
Beth Israel Deaconess Medical Center - Electrophysiology

Siva Suryadevara, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training

University of the West Indies
University of Florida College of Medicine-Jacksonville
University of Florida College of Medicine-Jacksonville

Gladys Velarde, M.D., Associate Professor
Medical School
Internship/residency
Subspecialty training

New York University School of Medicine
Columbia Presbyterian Medical Center
Boston University/Mount Sinai Hospital

Martin Zenni, M.D., Associate Professor
Medical School
Internship/residency
Subspecialty training

University of Chicago
Tufts University
Harvard Medical School
PUBLICATIONS


Empey PE, Stevenson JM, Tuteja S, Weitzel KW, Angiolillo DJ, Beitelshees AL, Coons JC, Duarte JD, Franchi F, Jeng LJB, Johnson JA, Kreutz RP, Limdi NA, Maloney KA, Owusu Obeng A, Peterson JF, Petry N, Pratt VM, Rollini F, Scott SA, Skaar TC,


Catanzaro, JN. Contemporary Management of Atrial Fibrillation (Audio Digest).

Catanzaro, JN. A Novel Bio envelope to Optimize Defibrillation Testing Thresholds. EP Lab Digest. May 2018


Abstract presentations:

L. Alemanno, I. Massimi, V. Klaus, M.L. Guarino, D.J. Angiolillo, F.M. Pulcinelli. In vitro inhibition of MRP4 mediated transport reduces HARPR in patients under chronic aspirin treatment. European Society of Cardiology 2017 (Barcelona, Spain)


Dominick Angiolillo, Roshan Shah, Dara Paek, Toby Sayre, Alicia Clausel, Shalini Girotra. Clinical Outcomes Associated With De-Escalation From Ticagrelor to Clopidogrel in Patients With Acute Coronary Syndrome. American College of Cardiology 2017 (Orlando, FL)


Francesco Franchi, Fabiana Rollini, Jose Rivas, Andrea Rivas, Malhar Agarwal, Megha Kureti, Deepa Nagaraju, Mustafa Walli, Zuber Shaikh, Maryuri Maldonado, Latonya Been, Siva Suryadevara, Daniel Soffer, Martin Zenni, Theodore Bass, Dominick Angiolillo. Pharmacodynamic Effects of Switching From Ticagrelor to Clopidogrel in Patients With Coronary Artery Disease: Results of the Prospective, Randomized SWAP (Switching Antiplatelet Therapy)-4 Study. American College of Cardiology 2017 (Orlando, FL)


C. Michael Gibson, Megan Yee, Yazan Daaboul, Serge Korjian, Ali Poyan Mehr, Mathieu Kerneis, Pierluigi Tricoci, John Alexander, John Kastelein, Roxana Mehran, Christopher Bode, Basil Lewis, Ravindra Mehta, Danielle Duffy, John Feaster, Majdi Halabi, Dominick Angiolillo. Pharmacodynamic Effects of Switching From Ticagrelor to Clopidogrel in Patients With Coronary Artery Disease: Results of the Prospective, Randomized SWAP (Switching Antiplatelet Therapy)-4 Study. American College of Cardiology 2017 (Orlando, FL)

Book chapters:

Provisional patent:
Esophageal Temperature Modification During Left Atrial Ablation. 2018 (Catanzaro)

CLINICAL ACTIVITIES

<table>
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<th>Outpatient Activity</th>
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<tr>
<td>Physician clinic visits</td>
<td>*14,637</td>
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<td>Cardiac ultrasounds</td>
<td>9,412</td>
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<td>Cardiac nuclear studies</td>
<td>1,199</td>
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<td>EKGs</td>
<td>65,242</td>
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<td>Stress tests</td>
<td>1,662</td>
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<td>Heart caths</td>
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<td>EP procedures</td>
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<td>Cardiac rehab visits</td>
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<td>TAVR/TEVR</td>
<td><strong>41</strong></td>
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*Attendings Only: Jacksonville Clinic=6,803, Emerson=937, St Marys =2,725, Northside = 4,145 **TAVR=36, TEVR=5

CONTRACTS AND GRANTS

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<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
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<tr>
<td>Angiolillo, D</td>
<td>Eval of Switching from Prasugrel to Ticagrelor</td>
<td>2014-2016</td>
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<td>Angiolillo, D</td>
<td>Effect of the periph opioid recept antagonist methylnaltrexone on the pharmacokinetic and pharmacodynamics profiles</td>
<td>2015-2016</td>
<td>Astra Zeneca</td>
<td>$326,462</td>
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<tr>
<td>Angiolillo, D</td>
<td>Adjunctive Vorapaxar Therapy in patients with prior myocardial infarction treated with P2Y12 receptor prasugrel</td>
<td>2016-2018</td>
<td>Merck</td>
<td>$415,716</td>
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<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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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 hypotalamus, 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.

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

Education: The Endocrinology fellowship continues to maintain its ACGME accreditation, under the direction of Program Director, Dr. Kent Wehmeier and Associate Program Director, Dr. 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.

**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.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Chehade, M.D., Professor</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Gunjan Gandhi, M.D., MSc, Associate Professor</td>
<td></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>
</tr>
<tr>
<td>Michael Haas, Ph.D., Research Associate Professor</td>
<td>graduate school</td>
<td>University of Nebraska Medical Center</td>
<td>McAlpine Laboratory for Cancer Research</td>
<td></td>
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</tr>
<tr>
<td>Marilu M. Jurado Flores, M.D., Assistant Professor</td>
<td></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>
<tr>
<td>Arshag D. Mooradian, M.D., Professor and Chair, 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>
<td></td>
</tr>
<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>
<td></td>
</tr>
<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


Abstracts/Presentations:


### CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Activity</th>
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<tr>
<td>Inpatient Activity</td>
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<td>Initial Inpatient Encounters</td>
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<tr>
<td>Clinic Visits</td>
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<td>Thyroid Biopsies</td>
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### GRANTS AND CONTRACTS

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<th>Principal Investigator</th>
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<tbody>
<tr>
<td>Wehmeier, K.</td>
<td>A Phase 2b, Multicentre, Multinational, Placebo-controlled, Double-Blind, Dose-finding Study in Adult Patients with Type I, III or IV Osteogenesis Imperfecta Treated with BPS804</td>
<td>5/17 - 12/21</td>
<td>Mereo-Bio Pharma</td>
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<tr>
<td>Chehade, J.</td>
<td>A PHASE III, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, MULTICENTER STUDY TO ASSESS THE SAFETY AND EFFICACY OF VM202 IN SUBJECTS WITH PAINFUL DIABETIC PERIPHERAL NEUROPATHY</td>
<td>11/16 – 12/19</td>
<td>VIROMED</td>
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<tr>
<td>Chehade, J.</td>
<td>A 24-Week Metformin Extended Release Compared to Metformin Immediate Release Monotherapy in Adult Subjects with Type 2 Diabetes.</td>
<td>3/16 – 12/18</td>
<td>Astra Zeneca (BMS)</td>
</tr>
<tr>
<td>Chehade, J.</td>
<td>Metformin Compared to Glimepiride in Combination with Metformin in Adult Patients with Type 2 Diabetes.</td>
<td>10/15 – 10/19</td>
<td>Astra Zeneca (BMS)</td>
</tr>
<tr>
<td>Chehade, J.</td>
<td>SCORED – Sotagliflozin on Cardiovascular and Renal Patients</td>
<td>10/15 - 10/19</td>
<td>Astra Zeneca (BMS)</td>
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</table>
DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2018 (7/17 – 6/18)

Highlights

We would like to acknowledge our entire Gastroenterology Division. Dr. James Scolapio, Dr. Miguel Malespin, Dr. Amie Deutch, Dr. Emely Eid, and Dr. Silvio de Melo Jr. We extend our gratitude to our mid-level providers Victor (Pat) Nasrallah, Kellie Leis, and Rhonda Broughton, as well as our nurse William Ecker. We would like to recognize our entire gastroenterology enterprise at UF Beaches, UF North, UF Towers, and Emerson.

Patient Care:
The patient care aspect of our academic mission is pursued at the following locations: UF Health North with general GI clinics, hepatology, and endoscopy; Emerson campus, where we provide general gastroenterology and hepatology services; Towers clinic with general gastroenterology and hepatology clinics; UF Beaches with general gastroenterology clinic; UF Health North where we provide general gastroenterology, inflammatory bowel disease, and hepatology clinics. Endoscopy is performed at three clinical sites: UF Health Downtown, UF Health North, and Jacksonville Beach Surgery Center; inpatient consult services at the UF Health Downtown as well as UF Health North. Our mission is to have timely patient access and to provide excellent quality of patient care with specific attention focused on reduced patient wait times and increased access to high-quality gastroenterology and hepatology services in any of our locations. The GI division has been a particularly important presence at the UF Health North campus with new patient access and the number of surgical procedures.

Education:
Dr. de Melo and Dr. Malespin did a great job as the Program Director and Associate 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 the program’s overall fellow satisfaction is above the national average. 81% of the gastroenterology faculty also evaluated the program as very positive, equaling the national average. The gastroenterology board passing rate remains at 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. Dr. de Melo was the course co-director of the Jacksonville Gut Club. This is an educational venue that is very important to our division’s presence in the community.

Research:
All faculty members have been productive in scholarly activities over the past academic year. Fourteen peer-reviewed articles were published by faculty and fellows within our division. The GI faculty and fellows have given multiple presentations at local, regional, national, and international meetings. The Division now has 11 funded research protocols and was able to generate over $325,000 in funding since last report.
## LISTING OF FACULTY MEMBERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School</th>
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<th>Subspecialty training</th>
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<tbody>
<tr>
<td>Robert Bass, M.D.</td>
<td>Assistant Professor</td>
<td>Medical College of Georgia</td>
<td>University of South Alabama</td>
<td>University of Florida – Jacksonville</td>
</tr>
<tr>
<td>Silvio de Melo, M.D.</td>
<td>Assistant Professor and Interim Division Chief</td>
<td>Faculdade de Medicina da Universidade, Recife, Brazil</td>
<td>UT-Southwestern Medical Center, Dallas, TX</td>
<td>UT-Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mayo Clinic, Jacksonville, FL – Advanced Endoscopy</td>
</tr>
<tr>
<td>Amie Deutch, M.D.</td>
<td>Assistant Professor</td>
<td>Loyola University Chicago, Maywood, IL</td>
<td>St. Elizabeth’s Med Center, Boston, MA</td>
<td>University of Massachusetts</td>
</tr>
<tr>
<td>Emely Eid M.D.</td>
<td>Assistant Professor</td>
<td>American University of Beirut, Beirut, Lebanon</td>
<td>Indiana University, Indianapolis, IN</td>
<td>UT-Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>Miguel Malespin, M.D.</td>
<td>Assistant Professor</td>
<td>Ponce School of Medicine</td>
<td>University of Illinois</td>
<td>University of Illinois – Gastroenterology</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Loyola University Medical Center – Transplant Hepatology</td>
</tr>
<tr>
<td>Bruno Ribeiro, M.D.</td>
<td>Assistant Professor</td>
<td>Santa Casa de Sao Paulo, Sao Paulo, Brazil</td>
<td>Federal University of Sao Paulo</td>
<td>Sirio Libanes Hospital, Brazil – Therapeutic Endoscopy</td>
</tr>
<tr>
<td></td>
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<td>California Pacific Medical Center, San Francisco, CA – Advanced Endoscopy</td>
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<tr>
<td>James Scolapio, M.D.</td>
<td>Professor and Associate Chair</td>
<td>Marshall University School of Medicine</td>
<td>Mayo Graduate School of Medicine – Jacksonville</td>
<td>Mayo Graduate School of Medicine – Rochester, MN</td>
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</tbody>
</table>
PUBLICATIONS


Muftah M, Nassri AB, Hardford P. Sertaline-induced Acute Eosinophilic Pneumonia. Current Drug Safety. April 2018


CLINICAL ACTIVITIES

<table>
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<tr>
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<th>AY 17/18</th>
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<tr>
<td><strong>Inpatient Activity</strong></td>
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<td>Initial IP Encounters</td>
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<td>Shands Jacksonville Inpatient Procedures</td>
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<td>Baptist Beaches Inpatient Procedures</td>
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<td>UF North Inpatient Procedures</td>
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<td><strong>Outpatient Activity</strong></td>
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<td>Clinic Visits</td>
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<td>Shands Jacksonville Outpatient Procedures</td>
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<td>Baptist Beaches Outpatient Procedures</td>
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<td>Jacksonville Beach Surgery Center Outpatient Procedures</td>
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<tr>
<td>Jacksonville Surgery Center</td>
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<td>UF North Outpatient Procedures</td>
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## CONTRACTS AND GRANTS

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<tr>
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<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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</thead>
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<tr>
<td>Miguel Malespin, MD</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</td>
<td>$91,005 / $71,388</td>
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<tr>
<td></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</td>
<td>$45,427 / $26,416</td>
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<tr>
<td></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</td>
<td>$9,760 / $5,674</td>
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<tr>
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<td>TARGET IBD - A 5-year Longitudinal Observational Study of Patients Undergoing Therapy for Inflammatory Bowel Disease</td>
<td>10/3/17 - present</td>
<td>TARGET PharmaSolutions</td>
<td>$19,281 / $3,188</td>
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<tr>
<td></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>UF (with funding from the Patient Centered Outcomes Research Institute (PCORI))</td>
<td>$50,960 / $46,749</td>
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<td></td>
<td>REGENERATE - A Phase 3, Double-Blind, Randomized, Long-Term, Placebo-Controlled, Multicenter Study Evaluating the Safety and Efficacy of Obeticholic Acid in Subjects with Nonalcoholic Steatohepatitis (NASH)</td>
<td>12/14/2016 - present</td>
<td>Intercept Pharmaceuticals</td>
<td>$73,944 / $3,234</td>
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<tr>
<td></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</td>
<td>$5,395 / $4,150</td>
</tr>
<tr>
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<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>5/28/2017 - present</td>
<td>Gilead Sciences, Inc.</td>
<td>$40,107 / $17,342</td>
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<tr>
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<td>STELLAR-4 - A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis (NASH)</td>
<td>6/29/2017 - 4/3/18</td>
<td>Gilead Sciences, Inc.</td>
<td>$47,619 / $21,674</td>
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<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>5/29/2018 - present</td>
<td>Gilead Sciences, Inc.</td>
<td>$8,552 / $3,877</td>
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<td></td>
<td>DAA salvage - A Phase 3b, Multi-Center, Randomized, Open-Label, Pragmatic Study of Glecaprevir/Pibrentasvir (G/P) +/- Ribavirin for GT1 Subjects with Chronic Hepatitis C Previously Treated with an NSSA Inhibitor + Sofosbuvir Therapy</td>
<td>12/14/2016 - present</td>
<td>University of Florida (with funding from Abbvie)</td>
<td>$19,637 / $14,668</td>
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<tr>
<td></td>
<td>SEMA- Investigation of efficacy and safety of three dose levels of subcutaneous semaglutide once daily versus placebo in subjects with nonalcoholic steatohepatitis: A 72-week randomised, double-blind, placebo-controlled, six-armed parallel group, multi-centre, multinational trial</td>
<td>4/26/18 - present</td>
<td>Novo Nordisk</td>
<td>$5,115 / $2,399</td>
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</tbody>
</table>
Highlights

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

Patient Care: The Division of General Internal Medicine is comprised of 17 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. Dr. Win Aung, who runs the medicine consultation service, also assists other services in performing bedside ultrasound guided procedures. This service provides safe care and 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 received recertification as NCQA Level 3 Patient Centered Medical Homes. JaxHATS (Jacksonville Health and Transition Services) clinic held in the ACC continues to serve as a model primary care home for emerging adults with chronic illness and special healthcare needs. Dr. Linda Edwards, in conjunction with Dr. David Wood, a general pediatrician, established this clinic for adolescents and young adults who are transitioning from their pediatricians to adult providers in 2005. The JaxHATS clinic continues under the direction of Dr. Rita Nathawad, a pediatrician with fellowship training in societal pediatrics. The PAIDD (Program for Adults with Intellectual and Developmental Disability) clinic established in 2013 continues to grow and provide primary care services and care coordination to adults with special needs who are unable to manage their health independently. The clinic provides care to over 150 adults with intellectual and developmental disabilities. The clinic and care coordination of these patients is supported by a grant from the Riverside Foundation.

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 the residents in quality and safety. This educational experience is well received by the residents and has resulted in quality improvement projects and scholarly
activity. Dr. Palacio 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 emersion in bedside ultrasound 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 and speakers 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 also serves as the Quality Officer for the Department of Medicine. He is the Chair of the Medical Performance Improvement Committee (MPIC) and is a member of the Performance Improvement Committee—the institutional body that oversees quality and safety for the UF Health Jacksonville campus. A recent 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 led to a significant reduction in readmissions for this patient population and the process that led to the reduced readmissions 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. 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 Healthy Planet in EPIC has allowed our practice to improve its cancer screening and immunizations and to reduce care gaps in our patient population.

**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 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 publications 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 County. 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.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty Training</th>
<th>University of Florida</th>
<th>University of Florida, Gainesville (Infectious Disease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Win Aung, M.D.</td>
<td>Assistant Professor</td>
<td>Medical School</td>
<td>Institute of Medicine, Myanmar</td>
<td>Lutheran Medical Center</td>
<td>University of Florida</td>
<td></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</td>
<td>University of Florida</td>
<td>University of Florida</td>
<td>University of Florida</td>
<td></td>
</tr>
<tr>
<td>Linda Edwards, M.D.</td>
<td>Associate Professor, Associate Chair and Division Chief</td>
<td>Medical School</td>
<td>East Carolina University</td>
<td>Jacksonville Health Education Programs</td>
<td>University of Florida</td>
<td></td>
</tr>
<tr>
<td>Malcolm Foster, M.D.</td>
<td>Professor Emeritus</td>
<td>Medical School</td>
<td>Bowman Gray School of Medicine</td>
<td>University of Florida, Gainesville</td>
<td>University of Florida, Gainesville (Infectious Disease)</td>
<td></td>
</tr>
<tr>
<td>Shiva Gautam, Ph.D.</td>
<td>Professor</td>
<td>PhD Statistics</td>
<td>University of Texas at Dallas</td>
<td>University of Texas at Dallas</td>
<td>University of Texas at Dallas</td>
<td></td>
</tr>
<tr>
<td>Alan Halperin, M.D.</td>
<td>Professor</td>
<td>Medical School</td>
<td>University of Kansas</td>
<td>University of Wisconsin</td>
<td>University of Wisconsin</td>
<td></td>
</tr>
<tr>
<td>Jeffrey House, D.O.</td>
<td>Professor and Associate Chair</td>
<td>Medical School</td>
<td>Nova Southeastern College of Osteopathic Medicine</td>
<td>University of Florida – Jacksonville</td>
<td>Nova Southeastern College of Osteopathic Medicine</td>
<td>University of Florida – Jacksonville</td>
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</table>

**Division Chief:** Linda Edwards, M.D.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School</th>
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<tr>
<td>Carmen Isache, M.D.</td>
<td>Assistant Professor</td>
<td>Gr. T. Popa University of Medicine and Pharmacy</td>
<td>SUNY Downstate Medical Center</td>
<td>University of Florida, Jacksonville (Infectious Disease)</td>
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<tr>
<td>Rafik Jacob, M.D.</td>
<td>Assistant Professor</td>
<td>Ain Shams University</td>
<td>Rhode Island Hospital/Brown University</td>
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<tr>
<td>Ravindra Maharaj, M.D.</td>
<td>Assistant Professor</td>
<td>The University of the West Indies, Trinidad</td>
<td>University of Florida</td>
<td>University of Miami (Geriatrics)</td>
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<td></td>
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<td>University of Wisconsin (Hospice and Palliative Medicine)</td>
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<tr>
<td>Ghania Masri, M.D.</td>
<td>Associate Professor</td>
<td>Damascus University, Syria</td>
<td>Cleveland Clinic Foundation</td>
<td>Case Western Reserve University</td>
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<tr>
<td>Carlos Palacio, M.D., M.P.H.</td>
<td>Professor</td>
<td>University of Miami</td>
<td>University of Florida, Jacksonville</td>
<td>University of North Florida (MPH, Master of Public Health)</td>
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<tr>
<td>Pramod Reddy, M.D.</td>
<td>Associate Professor</td>
<td>Sri Dev Raj Urs Medical College, India</td>
<td>Stony Brook University Hospital</td>
<td></td>
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<tr>
<td>Elisa Sottile, M.D.</td>
<td>Assistant Professor</td>
<td>Temple University School of Medicine</td>
<td>University of Pennsylvania</td>
<td></td>
</tr>
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</table>
PUBLICATIONS

Publications:


Green K, Hernandez J, Isache C, Jacob R. Avascular Necrosis: A Growing Concern for the HIV Population. Accepted for publication in BMJ Case reports journal on May 18, 2018


Perez Downes J., Palacio C., Miller A., Reddy P. Predicting Variables of Mortality among Patients with NT-proBNP > 70,000 Pg./ML. Volume 23, Issue 8, Supplement, August 2017, Page S34

Isache, C. Non-cholera Vibrio infections, 2017 update, BMJ Best Practice


Abstracts/Presentations:


Masri, G. Obesity Management. Oral Presentation at OBGYN residents' conference; Jacksonville, FL, April 2018

Isache, C. Why Do We Need Antimicrobial Stewardship? Presented at Grand Rounds; Jacksonville, FL, February 2018


Isache, C. Neurological Infections: A Diagnosis Challenge. Presented at Jacksonville Area Microbiology Society Annual Meeting, November 2017


Isache, C. Skin and Soft Tissue Infections. Presented at Grand Rounds, UF Health Podiatry, October 2017


Posters:
Carlson J., Jacob R. A Rare Case of Emphysematous Urinary Tract Infection Poster presentation, UF research day 2018


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

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

Linda Edwards, M.D.  Hanson Professorship of Medicine
Alan Halperin, M.D.  Chair, Institutional Review Board, UF & SJMC
Win Aung, MD  College of Medicine Excellence in Student Education Award 2018
Linda Edwards, M.D.  University of Florida Exemplary Teacher Award 2018
Ghania Masri, M.D.  University of Florida Exemplary Teacher Award 2018
Elisa Sottile, M.D.  University of Florida Exemplary Teacher Award 2018

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<th>Funded Amount</th>
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<tr>
<td>Bilello, L</td>
<td>Partnerships in Improving Community Health</td>
<td>9/2014-9/2017</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>
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<td>UF Institute for Aging/NIH</td>
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<td>$78,000</td>
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<td>Bilello, L</td>
<td>Project Save Lives</td>
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<td>$58,000</td>
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<td>(Evaluation</td>
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<td>PI)</td>
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<td>4/2018-9/2018</td>
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<td>Bilello, L</td>
<td>TOUCH Evaluation</td>
<td>11/2017-8/2018</td>
<td>$26,563</td>
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<td>PI)</td>
<td>Evaluate, Develop, and Implement Medication Safety Measures Using Medication Error Claim Reporting Systems and Medical Records</td>
<td>2016-Present</td>
<td>$18,700</td>
<td>Martin A. Smith Patient Safety and Quality Award</td>
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<td>Edwards, L</td>
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<td>(Co-PI)</td>
<td>Standardization of an Ultrasound Guided Procedures Curriculum for an IM Residency</td>
<td>9/2013-3/2015</td>
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<td>House, J.</td>
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<td>(Principle)</td>
<td>A Placebo-Controlled, Randomized, Double-Blind, Parallel Group, Dose-Finding Trial to Evaluate the Efficacy and Safety of TBS-2 Intranasal Testosterone Gel in Women With Acquired Female Orgasmic Disorder</td>
<td>8/2011-5/2014</td>
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<td>Trimel Biopharma SRL</td>
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<td>Masri, G</td>
<td>An Emergency Department to Home Intervention to Improve Quality of Life and Reduce Hospital Use</td>
<td>02/2015-02/2018</td>
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<td>(Sub-I)</td>
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<td>PCORI</td>
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<td>Masri, G</td>
<td>A Phase 3, Double-Blind, Placebo-Controlled, Randomized, Multi-Center Study to Evaluate the Safety and Efficacy of Estradiol in Combination with Progesterone in Postmenopausal Women with an Intact Uterus: Estradiol to Reduce the Frequency and Severity of Vasomotor Symptoms and Progesterone to Manage the Incidence of Endometrial Hyperplasia</td>
<td>8/2013-12/2016</td>
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<tr>
<td>Hanson Professorship</td>
<td>Linda Edwards, M.D.</td>
<td>12,000.00</td>
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DIVISION OF HEMATOLOGY AND MEDICAL ONCOLOGY
ACADEMIC YEAR 2018 (7/17 – 6/18)

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 division hosted and organized our first annual Breast Health Awareness Expo with current plans for a second annual expo to occur in fall 2018. 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 more than $3,439 for the event. Two of our faculty, Dr. Hew and Dr. Zuberi were awarded as the University Of Florida College Of Medicine’s Exemplary Teachers. A Hematology Fellowship application is in progress and will be submitted by July 1st.

Patient care: Our division has expanded with the addition of new faculty members. 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. This program has been very successful in boosting faculty and staff moral and building better relationships with industry without disruption in clinical activity.

Quality metrics is taking a front stage in the department as we partner with UF Health’s multi-disciplinary teams to include but not limited to pharmacy, research, EPIC and practice improvement to maximize data use for MIP’s Metrics reporting and improved patient care.

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. Rana enhances the medical oncology fellowship program as the associate program director. She provides preceptorship in the fellow’s outpatient clinic and in the bone marrow clinic. Our providers offer 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.

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. Our division has confirmed a letter of agreement from
Mayo Clinic. 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. Current trials continue to enroll and/or actively recruiting. In addition to actively recruiting industry trials, future studies will include data mining techniques using EPIC to improve process management and patient care. Our new research coordinator is working closely with oncology fellows and faculty assisting with publications and all aspects of new protocol development. New faculty are currently registering with NCI for access to those trials. We have a protocol going on a lung cancer study. Dr. Zuberi has two observational breast studies that are up and running. We have three active breast cancer trials that are in progress. Collaboration with UF Proton Therapy research trials continues. Our division continues to provide academic support to residents though mentorship in research endeavors.

**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>
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<tbody>
<tr>
<td>Jason Hew, M.D.</td>
<td>Assistant Professor</td>
<td>University of West Indies, Trinidad and Tobago</td>
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<tr>
<td></td>
<td></td>
<td>University of Florida College of Medicine-Jacksonville</td>
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<tr>
<td>Dat Pham, M.D.</td>
<td>Associate Professor</td>
<td>University of Florida, Gainesville</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>University of Florida, Gainesville</td>
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</tr>
<tr>
<td>Fauzia Rana, M.D.</td>
<td>Professor and Division Chief</td>
<td>F.J. Medical College, Pakistan</td>
<td>University of Rochester</td>
<td></td>
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<tr>
<td></td>
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<td>Harvard Medical School</td>
<td></td>
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<tr>
<td>Marwan Shaikh, M.D.</td>
<td>Assistant Professor</td>
<td>University of Toledo</td>
<td>University of Florida College of Medicine-Jacksonville</td>
<td></td>
</tr>
<tr>
<td></td>
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<td>West Virginia University School of Medicine</td>
<td></td>
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<tr>
<td>Lara Zuberi, M.D.</td>
<td>Assistant Professor</td>
<td>Aga Khan University, Pakistan</td>
<td>Henry Ford Hospital</td>
<td></td>
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<td>Henry Ford Hospital</td>
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**Hematology and Medical Oncology Annual Report AY 2018**

**Division Chief: Fauzia Rana, M.D.**
PUBLICATIONS


Presentations:


**CLINICAL ACTIVITIES**

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<th>Inpatient Activity</th>
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<td>Number of Inpatient Admissions</td>
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<th>Outpatient Activity</th>
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<tr>
<td>Clinic Visits</td>
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**CONTRACTS AND GRANTS**

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<tr>
<th>Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Rana, F (principle)</td>
<td>DLS CA 2016: The Collection of Whole Blood and other Human Bio-fluid Specimens from Subjects Clinically Diagnosed with Cancer and/or Other Related Disease</td>
<td>2016-2018</td>
<td>Discovery Life Sciences, Inc.</td>
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<td>Rana, F (principle)</td>
<td>Connect® MDS and AML: The Myelodysplastic Syndrome (MDS) and Acute Myeloid Leukemia (AML) Disease Registry</td>
<td>2016-2018</td>
<td>Celgene Corporation</td>
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Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of 4 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 Hospitals/Jacksonville and North; Hospital Infection Prevention and Control and Antimicrobial Stewardship direction at UF Health Hospitals and outpatient infectious diseases consultation at the downtown Ambulatory Care 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:

University ID Division inpatient and hospital based activity: The division provided full time inpatient infectious diseases consultation throughout the UF Health Jacksonville Hospital system. During the 2016-2017 academic year, the division performed 435 inpatient infectious diseases consultations with over 800 subsequent follow-up visits at UF Health Hospital.

Outpatient services: The division offered outpatient ID consultation by referral at the Emerson and the Ambulatory Care Clinic (ACC) subspecialty clinics. During the 2016-2017 academic year, there were 421 outpatient ID consultative 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 have continued to yield valuable results.

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

LISTING OF FACULTY MEMBERS

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

**Malleswari Ravi, M.D., Assistant Professor**
Medical School / Graduation date: NTR University of Health Sciences, India
Internship/residency and year: SUNY Health Science Center, Stony Brook, NY
Subspecialty training and year: University of Florida, Gainesville FL

**Wilfredo Sanchez, M.D., Assistant Professor**
Medical School / Graduation date: Ponce School of Medicine, Puerto Rico
Internship/residency and year: University of Florida College of Medicine-Jacksonville
Subspecialty training and year: University of Florida College of Medicine-Jacksonville
Ancillary Teaching Faculty:

**UF Health Hospital Critical Care**
James D. Cury, MD  
Lisa Jones, MD  
Vandana Seeram, MD  
Amitesh Agarwal, 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:**


Hart BB, Nordell AD, Okulicz JF, Palfreeman A, Horban A, Kedem E, Neuhaus J, Jacobs DR Jr, Duprez DA, Neaton JD for the INSIGHT SMART including **M. Sands** and ESPRIT Groups. Inflammation related morbidity and mortality among HIV-
positive adults: how extensive is it? J Acquir Immune Defic Syndr 2017; doi: 10.1097/QAI.0000000000001554 [Epub ahead of print]


Abstracts:

Wright L; KE. Heiner; YS McCarter; C Isache; S Gautam; CA Jankowski. Economic and clinical impact of blood culture contamination with gram-positive organisms. American Society of Health-System Pharmacists Midyear Meeting, Orlando, FL, December 2017.

Presentations:


Monographs and Book Chapters:


### CLINICAL ACTIVITIES

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### GRANTS AND CONTRACTS

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<tr>
<td>Sands, M.</td>
<td>START – Strategic timing of antiretroviral therapy – A multi-national study. NIH – INSITE network * *Continuous publications are being printed from this research study.</td>
<td>12/1/10-8/31/16</td>
<td>INSIGHT - NIH</td>
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DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2018 (7/17 - 6/18)

Highlights

In the 2017 - 2018 academic year, the Division of Nephrology and Hypertension continued to make headway in meeting the goals of the academic mission.

In patient care, the offsite dialysis venture with DCI at the Gateway Unit has continued to expand the hemodialysis patient population there. ARNP’s Melissa Goalen and Shatura Rowe played essential roles in the care of our large outpatient dialysis population. Lidia Dalessandro, ARNP has worked on the Nephrology Hospital Services and in the Chronic Kidney Disease Clinic in the Tower. Dialysis Clinics Inc. (DCI) purchased the Shands Basement Hemodialysis and Peritoneal Units at the end of the academic year, 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 move to the LaVilla Dialysis Unit.

Dr. Abdalagani Abakar Bahe from UF Health Jacksonville and Dr. Ljubomir Ilic from Harvard/Beth Israel Hospital joined the Nephrology Faculty as Assistant Professors in the fall of 2017. Dr. Pradeep Kadambi from the University of Arizona, later joined the Nephrology Division and UF Health Jacksonville as Professor, Senior Associate Dean for Clinical Affairs of UF College of Medicine- Jacksonville and President and CEO of University of Florida Jacksonville Physicians, Inc. The efforts of the new faculty have boosted the clinical productivity and contributed to the teaching and research missions of the Division. Dr. Leighton James moved to the University of Augusta Medical Center at the end of the academic year.

In education, the Nephrology fellowship progressed successfully with continuation of Simulation Trainings and off-site renal transplant rotations. Dr. Leighton James continued to provide direction for the fellows’ Renal Physiology Course. The joint Renal Pathology Conference with Mayo Clinic Jacksonville 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 2018, with grant support from Dialysis Clinics Inc. and visiting professors from the University of Miami VAMC and the University of Augusta. In addition, both Dr. Leighton James and Dr. Ronald Mars received Faculty Teaching Awards this academic year.

The Division presented growth factor and glucose transporter research work on glomerular disease at the 2017 American Society of Nephrology meeting. The laboratory of Dr. Leighton James continued with funded basic research into growth factors involved in diabetic nephropathy. The laboratory of Dr. Charles Heilig continued with funded basic research studies into the pathogenesis of diabetic and nondiabetic glomerulosclerosis in mice, with a focus on the roles of Mechano-Growth Factor (MGF) and glucose transporters. Dr. Charles Heilig and Dr. Leighton James were recipients of a 3-year laboratory research grant from DCI, Inc. Dr. Heilig also has a Scott R. Mackenzie Foundation Research Grant for diabetic kidney disease studies in transgenic mice. 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 kidney disease. The Nephrology Research Laboratories also continued their participation in the University of Florida Diabetes Institute to contribute Type 2 diabetes research to the mission. Dr. Heilig gave an international research presentation at the 2017 Biomedical Transporters Meeting in Lausanne, Switzerland, and a research presentation at the 2017 Southern Salt Water & Kidney Club meeting in Sarasota, FL.
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 2018 Symposium and the Internal Medicine Update 2018 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. The newer Gateway Dialysis Unit in Jacksonville continues to grow with hemodialysis service at that site. The total chronic dialysis population cared for by UF COM-J nephrologists has reached approximately 290 patients, hemodialysis and peritoneal dialysis patients included. Faculty clinics are staffed at the Towers Clinic on the downtown campus by the nephrology faculty members. 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 Consult Services continue with a high level of activity and a daily combined census of approximately 25-50 patients. There are separate Nephrology Hospital Services: the Acute Renal Disease & Renal Transplant Consult Service, and the Chronic Dialysis Consult Service. 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 is 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. Leighton James, Professor of Medicine, was Interim Associate Program Director this year, and passed on this duty to Dr. Ljubomir Ilic in June 2018. Dr. James initiated the fellows’ Renal Physiology Course in 2010, which 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 2018 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 2019. Visiting professors from out of state included Dr. Leopoldo Raij and Dr. Stanley Nahman, who provided special lectures in renal physiology and molecular biology 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 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 glucose transporter & growth factor roles in diabetic glomerular disease, to nondiabetic glomerular disease and renal transplant rejection. 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. James’ laboratory focused on growth factors in the pathogenesis of diabetic nephropathy and he is Co-Principal Investigator with Dr. Heilig on a DCI Research Grant. Dr. Ljubomir Ilic obtained IRB approval for both a translational research study on GLUT1 alleles in ESRD patients, and a fellows’ diversity study of renal transplant referrals in our chronic dialysis population.
Diversity study results will be presented at the 2018 American Society of Nephrology meeting. Dr. Abdalagani Abakar Baher is working to build his clinic with an emphasis on glomerulonephritis cases.

The Nephrology fellows participated in various different research studies & scholarly activities as part of their research training. Fellows also attended and participated in research activities at the 2017 American Society of Nephrology Meeting and the National Kidney Foundation Meeting. The Nephrology Division produced 3 manuscripts, 4 abstracts and 1 presentation. There were also 3 active grants in the Division this year (2 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>Title</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty training</th>
<th>University of Khartoum, Khartoum, Sudan</th>
<th>University of Florida College of Medicine-Jacksonville</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abdalagani Abakar Baher,</strong> M.D., Assistant Professor</td>
<td></td>
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<td></td>
<td>Medical School</td>
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<td>Internship/residency</td>
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<tr>
<td></td>
<td>Postdoctoral training</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School</th>
<th>Postdoctoral training</th>
<th></th>
<th>Jiamusi Institute of Medicine, China</th>
<th>Department of Pharmacology, University of Florida</th>
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</thead>
<tbody>
<tr>
<td><strong>Yongxin Gao,</strong> M.D., Assistant Scientist</td>
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</tr>
</tbody>
</table>
**Charles Heilig, M.D., Professor and Division Chief**
Medical School
Internship/residency
Subspecialty training
University of Minnesota
Mayo Clinic Rochester
Brigham and Women’s Hospital, Harvard Medical School

**Ljubomir Ilic, M.D., M.P.H., Assistant Professor**
Medical School
Professional Education
Internship/residency
Subspecialty training
Harvard Medical School
Harvard School of Public Health
Yale University School of Medicine
Beth Israel Deaconess Medical Center, Harvard Medical School

**Leighton James, M.D., Professor**
Medical School
Internship/residency
Subspecialty training
University of Toronto
University of Toronto

**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:

Book Chapters:
Kadambi PV, Daniel Brennan; Chon WJ Barbara Murphy, ed.; Differential Diagnosis of Renal Allograft Dysfunction; www.uptodate.com; 2018.

HONORS AND AWARDS

James, Leighton. Faculty Teaching Award.

Mars, Ronald. Faculty Teaching Award.


CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient activity</th>
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<tr>
<td>Initial inpatient encounters</td>
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<td>Inpatient dialysis treatments</td>
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<th>Outpatient activity</th>
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<td>Clinic visits</td>
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<td>Outpatient dialysis visits (full month)</td>
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CONTRACTS AND GRANTS

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<tr>
<th>Principal Investigator</th>
<th>Title</th>
<th>Project period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Heilig, C</td>
<td>Reversal of Diabetic Glomerulosclerosis by Inhibition of the Mesangial Cell Glucose Transporter GLUT1.</td>
<td>12/2016 – 11/2018</td>
<td>Scott R. MacKenzie Foundation</td>
<td>$250,000</td>
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<tr>
<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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Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has shown growth with Dr. Hadi Hatoum joining the faculty in July 2017 and Dr. Nabil Messiah as our clinic Physician Assistant downtown and Mei Lyn, ARNP supporting our North Pulmonary clinic. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. Clinically, we have had continued growth with 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 Critical Care Medicine, 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 added a support group for patients and loved ones with Pulmonary Hypertension. The division continues to be involved with the Pulmonary Rehabilitation program in conjunction with the Departments of Physical Therapy and Respiratory Therapy.

Dr. Mariam Louis and Dr. Vandana Seeram were promoted to Associate Professor. Dr. Louis is the co-Medical Director of the Sleep Lab and has expanded services to the North campus with increased overall productivity. She is active in facilitating writing of academic book chapters with our fellows and residents. Dr. Louis has received the W. Smith and Deans Grant for quality improvement projects. Dr. Louis who will be the Medical Director and has spearheaded the Pulmonary Rehabilitation program to assure excellence of care is provided.

The pulmonary hypertension clinic, under the leadership of Dr Seeram, continues to be a nationally known referral center with patients being referred from regions all over the east coast. As member of the Pulmonary Hypertension Association, it is set to become a center of comprehensive care. The clinic currently manages over 200 pulmonary hypertension patients. Performing right heart catheterizations in a dedicated suite has led to excellent patient through put. The program is preparing to undergo certification as a Center of Comprehensive Care (CCC) under Pulmonary Hypertension Association (PHA).

Janice Wood, RRT continues to be the Pulmonary Hypertension and 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 5 fellows once a week and supervised by faculty. The number of pulmonary function tests performed has also accordingly 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 suite and the number, efficiency and timeliness of bronchoscopic procedures offered by the division were enhanced with the addition of the bronchoscopy suite on the North campus.

**Education:** The faculty has been invited to present lectures at international conferences such as Chest and ATS 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 2017-2018. 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, and Jones were honored by University of Florida College of Medicine-Gainesville with the Exemplary Teacher Awards for 2017 and 2018 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.

The pulmonary and critical care fellowship program, under the direction of Dr. Cury as Program Director, remains strong. The board pass rate has been at 100% for both Critical Care and Pulmonary exams. Dr. Seeram’s position as the Associate Program Director, along with Dr. Cury, are responsible for coordinating the educational activities for the fellowship. The fellows are regularly mentored by a faculty member in preparation for presentation of lectures.

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. This year 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Medical School</th>
<th>Internship/residency</th>
<th>Subspecialty Training</th>
<th>University of</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amitesh Agarwal, M.D.</strong></td>
<td><strong>Assistant Professor</strong></td>
<td><strong>Maulana Azad Medical College</strong></td>
<td><strong>Cleveland Clinic Florida</strong></td>
<td><strong>University of Texas</strong></td>
<td></td>
</tr>
<tr>
<td><strong>James D. Cury, M.D.</strong></td>
<td><strong>Associate Professor</strong></td>
<td><strong>University of Miami</strong></td>
<td><strong>Barnes Hospital/Washington</strong></td>
<td><strong>Washington University</strong></td>
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<tr>
<td><strong>Hadi Hatoum, M.D.</strong></td>
<td><strong>Assistant Professor</strong></td>
<td><strong>American University of Beirut</strong></td>
<td><strong>Indiana University School of Medicine</strong></td>
<td><strong>University of Texas Southwestern</strong></td>
<td></td>
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<tr>
<td><strong>Lisa Jones, M.D.</strong></td>
<td><strong>Associate Professor and Division Chief</strong></td>
<td><strong>University of Cincinnati</strong></td>
<td><strong>University Hospital Cincinnati</strong></td>
<td><strong>Naval Medical Center</strong></td>
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<tr>
<td><strong>Mariam Louis, M.D.</strong></td>
<td><strong>Associate Professor</strong></td>
<td><strong>McGill University</strong></td>
<td><strong>McGill University</strong></td>
<td><strong>McGill University (Pulmonary Medicine)</strong></td>
<td><strong>Johns Hopkins University (Sleep Medicine)</strong></td>
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<tr>
<td><strong>Vandana Seeram, M.D.</strong></td>
<td><strong>Assistant Professor</strong></td>
<td><strong>University of West Indies</strong></td>
<td><strong>University of Florida/Jacksonville</strong></td>
<td><strong>University of Florida/Jacksonville</strong></td>
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PUBLICATIONS


Abstract – Case Reports:


Posters:

Hatoum H, Cullinane WR. Refractory Myasthenia Post Thymectomy” Poster at SETA 2018 and a slide session at CHEST 2018.

Presentations:


HONORS AND AWARDS

James D. Cury, M.D.  Exemplary Teacher Awards  2017/2018
Lisa M. Jones, M.D.  Exemplary Teacher Awards  2017/2018
Teacher of Year Awards  2016/2017/2018
Vandana Seeram, MD  Exemplary Teacher Awards  2017/2018

CLINICAL ACTIVITIES

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<td><strong>Inpatient activity</strong></td>
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<td>Initial Inpatient Encounters</td>
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<td>753</td>
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<td>Right Heart Caths</td>
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CONTRACTS AND GRANTS

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<tr>
<th>Principal Investigator</th>
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<th>Sponsor</th>
<th>Award</th>
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<tr>
<td>Cury, J</td>
<td>Leep :Losartan Effects on Emphysema Progression (COPD)</td>
<td>2017 - present</td>
<td>John Hopkins</td>
<td></td>
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<tr>
<td>Seeram, V</td>
<td>Sphere : Uptravi® (SelexiPag): tHe usErs dRug rEgistry</td>
<td>11/2017 - present</td>
<td>Actelion</td>
<td>$6,500</td>
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<tr>
<td>Seeram, V</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, J</td>
<td>D3250C00045 – enrolling: A Multicenter, Randomized, Double-blind, Parallel Group, Placebo-controlled, Phase 3b Study to Evaluate the Safety and Efficacy of Benralizumab 30 mg sc in Patients with Severe Asthma Uncontrolled on Standard of Care Treatment</td>
<td>7/2017 - present</td>
<td>AstraZeneca</td>
<td>$20,569</td>
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<td>Cury, J</td>
<td>Coco – enrolling: Chronic Refractory Cough Cohort Study</td>
<td>2/2018 - present</td>
<td>John Hopkins</td>
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<tr>
<td>Jones, L</td>
<td>BI 1199.214 – in follow-up: A double blind, randomized, placebo-controlled trial evaluating efficacy and safety of oral nintedanib treatment for at least 52 weeks in patients with 'Systemic Sclerosis associated Interstitial Lung Disease' (SSc-ILD)</td>
<td>10-1-2016 - present</td>
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<td>$25,433</td>
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<tr>
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<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>
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<td>$25,788</td>
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<td>Jones, L</td>
<td>BI 1199.225 – roll over from 1199.214: An open-label extension trial to assess the long term safety of nintedanib in patients with 'Systemic Sclerosis associated Interstitial Lung Disease' (SSc-ILD)</td>
<td>9/12/18 – present</td>
<td>BI</td>
<td>$29,522</td>
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<td>Jones, L</td>
<td>BI 1199.248 – rollover of 1199.247 An open-label extension trial of the long-term safety of nintedanib in patients with Progressive Fibrosing Interstitial Lung Disease (PF-ILD)</td>
<td>Upcoming</td>
<td>BI</td>
<td>$12,912</td>
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<td>Louis, M</td>
<td>Phillips Respironics COPD - upcoming</td>
<td>Upcoming</td>
<td>Phillips</td>
<td>$79,585</td>
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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, including our chairman, Dr. Arshag Mooradian. The Division had significant accomplishments in patient care, research and education.

We welcomed Dr. Laurie Ramrattan who joined our faculty on November 6, 2017. She is board certified in Internal Medicine and Rheumatology. She completed her Internal Medicine residency and Rheumatology fellowship training at the University Of Florida College Of Medicine, Jacksonville. She has achieved the RhMSUS musculoskeletal ultrasound certification as well as certification as a clinical densitomist (CCD).

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 eighth extremely successful annual CME musculoskeletal ultrasound sound 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 Rheumatology Fellowship started in July 2011. It has graduated three fellows. Dr. Laurie Ramrattan graduated in June 2015 and had been practicing Rheumatology in Trinidad before recently returning to...
UFCOM-Jacksonville as faculty in the Division of Rheumatology. The fellowship provided a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound. The fellowship had accreditation until July 2015. The Division has successfully attained fellowship accreditation starting in July 2018.

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 ninth Musculoskeletal Ultrasound Course in March 2017 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 UF COM-J. Dr. Kaeley organized the course and served as faculty, providing lectures and practical ultrasound instruction. Dr. Ramrattan served as the course assistant, as well as anatomy prossector and instructor. The course was attended by rheumatology educators and fellows from 28 States, as well as from Canada. The attendees were very complimentary of the innovative cadaver-based curriculum held in the UF COM-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 UF COM-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 collaborated with multiple national renowned researchers. Projects so far have included studying cardiovascular health in Caucasian cocaine abusers, as well as correlating dysfunctional HDL with other imaging and cardiovascular biomarkers in South Asians. Dr. Kaeley was awarded the Dean’s Grant for the study on cardiovascular markers in South Asians. Results of these have been presented regionally as well as submitted for publication. The Division is actively collaborating with the University of California, Los Angeles Division of Rheumatology in a bi-center prospective trial of Tocilizumab in Rheumatoid Arthritis, utilizing Power Doppler as a secondary outcome measure. The Division has also been evaluating Medicare Expenditures for Musculoskeletal Ultrasound as well as drug utilization. The division had multiple poster presentations at the American College of Rheumatology annual meeting in Washington DC. 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. The division has also been supporting the mission of the Institutional Review Board 03 by participating in its board activities.
LISTING OF FACULTY MEMBERS

Gurjit S Kaeley, M.B.B.S., Professor and Division 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. Ramrattan, M.D., Assistant Professor
Medical School/Graduation date
Internship/residency and year
Subspecialty training and year
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/Graduation date
Internship/residency and year
Subspecialty training and year
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/Graduation date
Internship/residency and year
Subspecialty training and year
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:**

2018 - Present: Kaeley GS, Eder L, Aydin SZ, Gutierrez M, Bakewell C. Dactylitis: A hallmark of psoriatic arthritis audio slide presentation:

2018 – Present: Kaeley GS, Eder L, Aydin SZ, Gutierrez M, Bakewell C. Enthesitis: A Hallmark of Psoriatic Arthritis audio slide presentation:


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


**Abstracts Presented:**

Ramsuebek K, Thway M, Ramrattan LA, Brooks S, Dang L, Kaeley G. Review Of Routine Laboratory Monitoring For Patients With Rheumatologic Conditions Being Initiated On Or Receiving Non-biologic Or Biologic Disease Modifying Anti Rheumatic Drugs (DMARDs). Poster presentation at: UF College of Medicine Advances in Medical Education 2018, Jacksonville, FL; June 13th 2018

Ramsuebek K, Thway M, Ramrattan LA, Brooks S, Dang L, Kaeley G. Recommendations Regarding The Use Of Vaccines In Patients Prior To Initiating Therapy Or While Already On Therapy With Non-Biologic Or Biologic Disease
Modifying Antirheumatic Drugs (DMARDS). Poster Presentation at: UF College of Medicine Advances in Medical Education 2018, Jacksonville, FL; June 13th 2018


Activities and Presentations:
Kaeley GS. Ultrasound of the Shoulder: Inflammatory Disorders. Musculoskeletal Ultrasound Course Schedule: Phase II. Center de Formation Continue, University of Sherbrooke, Sherbrooke, Quebec, Canada. April 2018.

Kaeley GS. Ultrasound of the Hand and Wrist: Inflammatory Disorders. Musculoskeletal Ultrasound Course Schedule: Phase II. Center de Formation Continue, University of Sherbrooke, Sherbrooke, Quebec, Canada. April 2018.

Kaeley GS. Ultrasound of the Elbow: main inflammatory and non-inflammatory pathologies. Musculoskeletal Ultrasound Course Schedule: Phase II. Center de Formation Continue, University of Sherbrooke, Sherbrooke, Quebec, Canada. April 2018.

Kaeley GS. Invited faculty for hands on instruction of workshops. Musculoskeletal Ultrasound Course Schedule: Phase II. Center de Formation Continue, University of Sherbrooke, Sherbrooke, Quebec, Canada. April 2018.


Ramrattan LA. Assistant-Chair, Musculoskeletal Ultrasound Course for Rheumatologist, Jacksonville, FL. Feb 2018.

Ramrattan LA. Anatomy dissection and anatomic teaching at the Cadaver Dissection stations, Musculoskeletal Ultrasound Course for Rheumatologist, Jacksonville, FL. Feb 2018.


Kaeley GS. Guideline review for preoperative cases in rheumatological patients at Myanmar Rheumatology Department Jan 30, 2018

Kaeley GS. Approach to Rheumatological cases to General practitioners at young Myanmar Doctor Association, Myanmar Jan 22, 2018


Kaeley GS. Faculty and Instructor Basic Musculoskeletal Ultrasound Workshop at American College of Rheumatology Annual Meeting, San Diego, CA. Nov 2017.


Kaeley GS. Sonography of the Hip and Shoulder. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. October 2017.

Kaeley GS. Faculty for hands on instruction in workshops. Canadian Rheumatology Ultrasound Course, King Saud College of Medicine, Riyadh, Saudi Arabia. October 2017.


### CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient Activity</th>
<th>FY 17/18</th>
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<tbody>
<tr>
<td>Initial Inpatient Encounters</td>
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<tr>
<th>Outpatient Activity</th>
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<tbody>
<tr>
<td>Clinic Visits</td>
<td>5512</td>
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<tr>
<td>US, extremity, nonvascular</td>
<td>283</td>
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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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<tbody>
<tr>
<td>Kaeley G</td>
<td>Phase 3B/4 Randomized Safety Endpoint Study Of 2 Doses Of Tofacitinib InComparison 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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<td>Kaeley G</td>
<td>Musculoskeletal Ultrasound In Predicting Early Dose Titration With Tocilizumab</td>
<td>9/4/14 - Present</td>
<td>UCLA</td>
<td>$347,255.00</td>
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<td>Kaeley G</td>
<td>An Open-label Extension Study to Compare the Long-term Efficacy, Safety, Immunogenicity and Pharmacokinetics of FKB327 and Humira® in Patients with Rheumatoid Arthritis on Concomitant Methotrexate (ARABESC-OLE)</td>
<td>3/31/16 - 4/11/18</td>
<td>Fujifilm Kyowa Kirin Biologics Co., Ltd</td>
<td>$26,625.03</td>
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<tr>
<td>Kaeley G</td>
<td>A Phase 4 Trial Assessing the Impacts of Residual Inflammation Detected via Imaging Techniques, Drug Levels and Patient Characteristics on the Outcome of Dose Tapering of Adalimumab in Clinical Remission Rheumatoid Arthritis (RA) Subjects (PREDICTRA)</td>
<td>8/4/16 - 8/21/17</td>
<td>Abbvie</td>
<td>$697,364.00</td>
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<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 in Combination with Methotrexate to Subjects with Moderately to Severely Active Rheumatoid Arthritis Who Have an Inadequate Response to Methotrexate (FINCH-1)</td>
<td>2/1/17 - Present</td>
<td>Gilead</td>
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<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 Conventional Synthetic Disease-modifying Anti-rheumatic Drug(s) (csDMARDs) 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>
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<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>
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<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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<td>Kaeley, G</td>
<td>A Randomized, Double-blind, Multicenter, 3 Stage, Efficacy and Safety Study of NI-071 and US-Licensed Remicade® (Infliximab) for the Treatment of Patients with Rheumatoid Arthritis</td>
<td>5/4/17 - Present</td>
<td>Nichi-Iko Pharmaceuticals</td>
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<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>
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<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>
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<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>$210,728.00</td>
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DEPARTMENT OF MEDICINE
ANNUAL FACULTY MEETING
JUNE 2018