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   b. Division Chiefs
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III. Graduate Medical Education
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   b. Endocrinology, Diabetes and Metabolism
   c. Gastroenterology
   d. General Internal Medicine
   e. Hematology and Medical Oncology
   f. Infectious Diseases
   g. Nephrology and Hypertension
   h. Pulmonary, Critical Care and Sleep Medicine
   i. Rheumatology and Clinical Immunology
STATEMENT FROM THE CHAIR  
ACADEMIC YEAR 2021 (7/20 - 6/21)

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 2020 through June 2021. Despite the continuing challenges of the Covid-19 pandemic, the faculty and staff of the Department showed upmost degree of resilience and dedication to our institutional missions. Once again, we were able to accomplish our goals of achieving excellence in patient care, education and research.

Patient care: Despite the social distancing mandate along with patient concerns of the safety of clinic environment, our clinical volumes saw unprecedented growth. The General Internal Medicine and the subspecialties notably the Division of Pulmonary and Critical Care played a leading role in managing hospitalized patients. In addition, we saw substantial growth in the number of patients seen in our outpatient clinics at the 8th street campus, UF Health North and Emerson street campus. In addition, we forged a new clinical alliance to provide staffing of the Sulzbacher center to allow us to enhance our care for most vulnerable population in Jacksonville.

Clinical Productivity: Eight Divisions were at 65th percentile or better in clinical productivity as measured against Clinical Practice Solutions Center benchmarks. The growth in our clinical activities allowed the Department to finish the year with a positive variance to the budget of $ 2,957,042 and a positive bottom line of $716,897.

Education: The Department continues to excel in its mission of educating students and residents. There were 30 faculty members in the Department who received the Exemplary Teacher Award. In addition, several faculty members and trainees in the Department of Medicine were finalists for key education awards. Continuing Medical Education events, such as the annual Internal Medicine and annual Nephrology symposium were offered virtually.

Research: The Department had a productive year in research. There were 212 peer-reviewed publications, 23 monographs and book chapters. Faculty made over 120 national and regional presentations. During the academic year 2021, we had 94 research awards. The scholarly productivity of the house staff remained high with 46 published manuscripts and 69 oral/poster presentations at regional/national meetings.

Overall, the Department once again excelled in every aspect of the academic mission of educating students and residents, and faculty maintained their scholarly productivity. It is indeed a privilege and a distinct honor to have the opportunity to serve as the Chair of such an exceptionally productive Department.

Sincerely,

Arshag D. Mooradian, M.D.
Professor and Chair
DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2021 (7/20 - 6/21)

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

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

James Scolapio, M.D.
Associate Chair, Department of Medicine

Jeffrey House, D.O.
Associate Chair, Department of Medicine

Michael Haas, Ph.D.
Director of Research

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

DIVISION CHIEFS

Cardiology
Theodore Bass, M.D.

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

Gastroenterology
Peter Ghali, M.D.

General Internal Medicine
Linda R. Edwards, M.D.

Hematology and Medical Oncology
Walter Quan, Jr., 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
Vandana K. Seeram, M.B.B.S., M.D.

Rheumatology and Clinical Immunology
Gurjit Kaeley, M.D.

EDUCATIONAL LEADERSHIP

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

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

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

**Chief Residents**
Michael Carranza, DO, MS  
Patrisha Shelley, DO

**Housestaff I**
Zachary Chandler, DO  
Ryan Coultas, DO  
Luis Cruz-Saavedra, MD  
Ameer Fahad, DO  
David Gidla, MD  
Cameron Kahn, DO  
Monica Kumar, MD  
Reshma Mathew, DO  
Swetha Nuthulaganti, DO  
Olushola Ogunlari, MD  
Melissa Oye, DO  
Shaorinkumar Patel, DO  
Zack Ramilevich, MD  
Stephanie Rothwell, MD  
Hayley Shade, MD  
Radhika Sharma, DO  
Raj Shukla, DO  
Natalie Torrente, DO  
Marcos Valentin Rentas, MD  
Yixin Zhang, MD

**Housestaff II**
Aleem Ali, MD  
Joshua Calvert, MD  
Nisha Chowdhury, MD  
Pooja Dhruva, MD  
Samuel Foldy, DO  
Fadi Kandah, DO  
Naji Maaliki, MD  
Sebastian Mikulic, DO  
Kintin Ng, DO  
Nikita Patel, DO  
Carly Rabinowitz, MD  
Amy Roemer, DO  
Spencer Streit, DO  
Eby Thekkedath, DO

**Housestaff III**
Barrett Attarha, DO  
Michael Chahin, DO  
Madeline Fasen, DO  
Christopher Izzo, DO  
William Kogler, DO  
Nithya Krishnan, MD  
Andres Martinez, DO  
Michael Omar, MD  
Monique Oye, DO  
Bijal Patel, DO

**Medical School**
Nova Southeastern University College of Osteopathic Medicine  
Edward Via College of Osteopathic Medicine, Virginia Campus

**Medical School**
Pacific Northwest Univ Health Sciences College of Osteopathic Medicine  
Edward Via College of Osteopathic Medicine, Virginia Campus  
Universidad Central del Caribe School of Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Univ of the West Indies Faculty of Medicine St. Augustine, Trinidad  
Edward Via College of Osteopathic Medicine, Carolinas Campus  
FIU Herbert Wertheim College of Medicine  
Philadelphia College of Osteopathic Medicine, Georgia Campus  
Lake Erie College of Osteopathic Medicine, Bradenton  
University of Florida College of Medicine  
West Virginia School of Osteopathic Medicine  
Burrell College of Osteopathic Medicine  
Charles E. Schmidt College of Medicine at Florida Atlantic University  
St. George's University School of Medicine  
American University of the Caribbean School of Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Nova Southeastern University College of Osteopathic Medicine  
University of Pikeville Kentucky College of Osteopathic Medicine  
Ross University School of Medicine  
St. George's University School of Medicine

**Medical School**
Univ. of the West Indies Faculty of Medicine St. Augustine, Trinidad  
Ross University School of Medicine  
Ross University School of Medicine  
Rush Medical College of Rush University  
Alabama College of Osteopathic Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
LAU Gilbert and Rose-Marie Chagoury School of Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Nova Southeastern University College of Osteopathic Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Florida State University College of Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Nova Southeastern University College of Osteopathic Medicine  
Philadelphia College of Osteopathic Medicine

**Medical School**
Philadelphia College of Osteopathic Medicine  
Edward Via College of Osteopathic Medicine, Carolinas Campus  
Nova Southeastern University College of Osteopathic Medicine  
Lake Erie College of Osteopathic Medicine, Bradenton  
Lincoln Memorial University DeBusk College of Osteopathic Medicine  
American University of the Caribbean School of Medicine  
Nova Southeastern University College of Osteopathic Medicine  
University of the West Indies Faculty of Medicine, Trinidad & Tobago  
West Virginia School of Osteopathic Medicine  
Philadelphia College of Osteopathic Medicine
<table>
<thead>
<tr>
<th>Subspecialty Fellow – Housestaff IV</th>
<th>Medical School</th>
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<tbody>
<tr>
<td>Kerolos Abadeer, MD - Gastroenterology</td>
<td>Ain Shams University Faculty of Medicine</td>
</tr>
<tr>
<td>Thaer Ahmad Musa, MD - Cardiology</td>
<td>St. George's University School of Medicine</td>
</tr>
<tr>
<td>Oyindamola Akinjogbin, MD - Cardiology</td>
<td>Lagos State University College of Medicine</td>
</tr>
<tr>
<td>Kevin Green, MD – Pulmonary Critical Care</td>
<td>Ross University School of Medicine</td>
</tr>
<tr>
<td>Sonal Jadeja, DO, MS - Gastroenterology</td>
<td>Lake Erie College of Osteopathic Medicine, Bradenton</td>
</tr>
<tr>
<td>Hafiz Sarfraz Khan, MD - Nephrology</td>
<td>Aga Khan University Medical College</td>
</tr>
<tr>
<td>Kevin Liu, MD - Cardiology</td>
<td>FIU Herbert Wertheim College of Medicine</td>
</tr>
<tr>
<td>Okechukwu Mgbeomena, MD - Cardiology</td>
<td>University of Alabama School of Medicine</td>
</tr>
<tr>
<td>Jose Rivas Rios, MD - Cardiology</td>
<td>Universidad del Zulia Facultad de Medicina</td>
</tr>
<tr>
<td>Ailyn Rivero, MD - Endocrinology</td>
<td>FIU Herbert Wertheim College of Medicine</td>
</tr>
<tr>
<td>Sukhraj Singh, MD - Rheumatology</td>
<td>St. George's University School of Medicine</td>
</tr>
<tr>
<td>Peter Staiano, DO – Pulmonary Critical Care</td>
<td>Edward Via College of Osteopathic Medicine, Virginia Campus</td>
</tr>
<tr>
<td>Jorge Verdecia, MD – Infectious Diseases</td>
<td>Ross University School of Medicine</td>
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<tr>
<td>Firas Warda, MD - Endocrinology</td>
<td>St. George's University School of Medicine</td>
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<tr>
<td>Meet Kadakia, MD - Hematology Oncology</td>
<td></td>
</tr>
<tr>
<td>Shreya Mishra, MD - Cardiology</td>
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<tr>
<td>Angela Richter, DO - Endocrinology</td>
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<tr>
<td>Jose Ruiz Morales, MD - Cardiology</td>
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<tr>
<td>Edin Sadic, MD - Cardiology</td>
<td></td>
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<tr>
<td>Jorge Trabanco, MD – Pulmonary Critical Care</td>
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<tr>
<td>Herit Vachhani, MD - Gastroenterology</td>
<td></td>
</tr>
<tr>
<td>Zareen Vaghawiwalla, MD - Rheumatology</td>
<td></td>
</tr>
<tr>
<td>Dominika Zoltowska, MD - Cardiology</td>
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<tr>
<th>Subspecialty Fellow – Housestaff V</th>
<th>Medical School</th>
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<tbody>
<tr>
<td>Zaiyara Adorno Rivera, MD - Nephrology</td>
<td>Universidad Iberoamericana (UNIBE) School of Medicine</td>
</tr>
<tr>
<td>Bashar Al-Turk, DO - Cardiology</td>
<td>Lake Erie College of Osteopathic Medicine, Bradenton</td>
</tr>
<tr>
<td>Zachary Burden, MD - Pulmonary Critical Care</td>
<td>USF Health Morsani College of Medicine</td>
</tr>
<tr>
<td>Sebastian Carrasquillo Montalvo, MD - Cardiology</td>
<td>Universidad Central del Caribe School of Medicine</td>
</tr>
<tr>
<td>Bakht Cheema, MD - Gastroenterology</td>
<td>Shifa College of Medicine</td>
</tr>
<tr>
<td>Russell Fung, MD - Endocrinology</td>
<td>University of Alabama School of Medicine</td>
</tr>
<tr>
<td>Carol Halasan, MD – Infectious Diseases</td>
<td>Cebu Institute of Medicine</td>
</tr>
<tr>
<td>Irtiza Hasan, MD - Nephrology</td>
<td>Ibrahim Medical College</td>
</tr>
<tr>
<td>Meet Kadakia, MD - Hematology Oncology</td>
<td>Seth G.S. Medical College</td>
</tr>
<tr>
<td>Shreya Mishra, MD - Cardiology</td>
<td>FIU Herbert Wertheim College of Medicine</td>
</tr>
<tr>
<td>Angela Richter, DO - Endocrinology</td>
<td>Lake Erie College of Osteopathic Medicine, Bradenton</td>
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<tr>
<td>Jose Ruiz Morales, MD - Cardiology</td>
<td>Universidad Central del Caribe School of Medicine</td>
</tr>
<tr>
<td>Edin Sadic, MD - Cardiology</td>
<td>USF Health Morsani College of Medicine</td>
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<tr>
<td>Jorge Trabanco, MD – Pulmonary Critical Care</td>
<td>Ross University School of Medicine</td>
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<tr>
<td>Herit Vachhani, MD - Gastroenterology</td>
<td>American University of Antigua College of Medicine</td>
</tr>
<tr>
<td>Zareen Vaghawiwalla, MD - Rheumatology</td>
<td>St. George's University School of Medicine</td>
</tr>
<tr>
<td>Dominika Zoltowska, MD - Cardiology</td>
<td>Medical University of Gdansk</td>
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<tr>
<th>Subspecialty Fellow – Housestaff VI</th>
<th>Medical School</th>
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<tbody>
<tr>
<td>Kyeesha Becoats, MD - Cardiology</td>
<td>Stony Brook University Health Sciences Center School of Medicine</td>
</tr>
<tr>
<td>Sebastian Carrasquillo Montalvo, MD - Cardiology</td>
<td>Universidad Central del Caribe School of Medicine</td>
</tr>
<tr>
<td>Hardik Chhatrala, MD, MPH – Hematology Oncology</td>
<td>Pramukhswni Medical College</td>
</tr>
<tr>
<td>Shreya Ghetiya, MD - Cardiology</td>
<td>Pandit Deendayal Upadhyay Medical College, Rajkot</td>
</tr>
<tr>
<td>Ciel Harris, MD - Gastroenterology</td>
<td>University of the West Indies, Barbados Faculty of Medical Sciences</td>
</tr>
<tr>
<td>Trevanne Matthews-Hew, MD – Hematology Oncology</td>
<td>University of the West Indies Faculty of Medical Sciences, Jamaica</td>
</tr>
<tr>
<td>Pujan Patel, MD - Cardiology</td>
<td>Medical University of Lublin</td>
</tr>
<tr>
<td>Aaron Richardson, DO - Cardiology</td>
<td>Edward Via College of Osteopathic Medicine, Virginia Campus</td>
</tr>
<tr>
<td>Stuart Shah, MD - Pulmonary Critical Care</td>
<td>Ross University School of Medicine</td>
</tr>
<tr>
<td>Scott Steinberg, MD - Pulmonary Critical Care</td>
<td>Ross University School of Medicine</td>
</tr>
<tr>
<td>Lauren Stemboroski, DO - Gastroenterology</td>
<td>Lake Erie College of Osteopathic Medicine, Bradenton</td>
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<thead>
<tr>
<th>Subspecialty Fellow – Housestaff VII - 4</th>
<th>Medical School</th>
</tr>
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<tbody>
<tr>
<td>Christopher DeGroat, MD – Int. Cardiology</td>
<td>American University of Antigua College of Medicine</td>
</tr>
<tr>
<td>Kerolos Fahmi, MD – Int. Cardiology</td>
<td>USF Health Morsani College of Medicine</td>
</tr>
</tbody>
</table>
GRADUATE MEDICAL EDUCATION
ACADEMIC YEAR 2021 (7/20 – 6/21)

Highlights

The COVID-19 pandemic continues to present challenges. Despite these trying times and the latest wave, the program continued to flourish and enjoy lots of success. The program continued to pursue excellence in the areas of scholarship, board pass rate, quality improvement, and fellowship match. Training programs remain strong in graduating physicians who support and serve our community. Fellowship remains a goal for the majority of our resident trainees.

At the annual program evaluation in the Spring, the program reviewed components of its self-study, including the program’s SWOT analysis and Aims. In particular, the program Aims listed below were reaffirmed and deemed reflective of the academic mission of our residency program.

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

The class of 2021 was diverse in their destinations following graduation. Nine of our graduates sought fellowship training in the subspecialties of cardiology, gastroenterology, pulmonary/critical care, and hematology/oncology. While some graduates matched to fellowships at other institutions in Kentucky, Michigan, Missouri, and Georgia; six residents stayed in UF Jacksonville for fellowship. Others have pursued hospital medicine and clinical practice in the Southeast region of the country.

The class of 2021 was successful on the American Board of Internal Medicine examination achieving a 93% pass rate. Presently the program’s ABIM three-year rolling average is 98%, above the national average of 93%. The program continues to provide trainees with a plethora of board preparation materials in addition to high-quality clinical training.

The leadership within the residency program remained stable for the past academic year. Drs. Michael Carranza and Patrisha Shelley continued the tradition of strong chief resident teaching and leadership. They continued to build on the strong foundation from their predecessors with the continuation of the Research Club. The Research Club is a forum for trainees to present new ideas and proposed projects in front of seasoned faculty, research professionals, and fellow trainees to solicit advice and feedback before embarking on a new research endeavor. In addition, they helped develop an ultrasound curriculum (bedside echocardiography, pulmonary, renal, and bladder examinations) that included morning lectures in morning report, and clinical bedside training using Butterfly ultrasounds and hands-on training in the Center for Simulation Education and Safety Research (CSESaR).
As in years past, the department had a large number of faculty receiving Exemplary Teacher Awards. A remarkable 30 faculty were recipients this year and are listed in the Honors and Awards section below along with the resident teaching award recipient, Dr. Bijal Patel who was also a nominee for the Rosalie O. Saffos Outstanding Resident Teacher Award. A comprehensive list of award recipients is included in the Honors and Awards section.

The residents presented to local conferences of the Duval County Medical Society Annual Meeting and the UF College of Medicine Research Day in Jacksonville. Due to the pandemic, virtual presentations were made at regional conferences that included the Florida Chapter of the American College of Physicians Meetings, American Federation for Medical Research Southern Region, Society of Hospital Medicine, and Southern Hospital Medicine. Residents even presented virtually at prestigious national conferences that include American College of Cardiology, American Thyroid Association, American Society of Nephrology, and the American College of Gastroenterology meetings. Although the overall presentations were lower than previous years, residents continue to produce scholarly activity that included presentations, publications, and abstracts despite the pandemic.

The residency continues to make curricular changes to meet the new ever-changing landscape of graduate medical education. The program made significant strides in ultrasound training. The online learning platform and curriculum continued to develop under the leadership of our chief residents, Drs. Michael Carranza and Patrisha Shelley, as well as our faculty Drs. Brittany Lyons and Win Aung. The utilization of Point of Care Ultrasound (POCUS) increased with the Butterfly handheld ultrasounds in the inpatient and outpatient settings.

The medical student experience in the department has continued to thrive with Dr. Elisa Sottile as the clerkship director. Dr. Sottile meets with students individually, provides feedback, facilitates their self-reflection, and growth plans. As a member of the UF College of Medicine Regional Medical Campus Task Force, Dr. Sottile helped fashion innovative changes to the student curriculum to provide an opportunity for learners to better understand health systems science as well as how the social determinants of health impact their provision of care to an underserved population. The campus continues to attract visiting medical students from other institutions. The clerkship notably continued to grow in terms of the number of students coming from other medical schools to do elective rotations. These students rotate on internal medicine, inpatient cardiology, MICU, endocrinology, infectious disease, and nephrology. Many of these students interviewed with us and eventually matched with us.

Due to the pandemic, all programs continued to make rapid and drastic changes to nearly every aspect of health care and education. The divisions will reference the clinical aspect, but the educational mission was met with several challenges. The conferences and lectures were changed back from a virtual format to in-person with physical distancing to keep our trainees engaged. Technologies, including Zoom, Poll Everywhere, cameras, microphones, and iPad technology have found continued use in certain circumstances. There was an increase in cases of COVID-19 due to the delta variant causing significant stress on all physicians, especially residents and fellows. The core residency program adapted to the changes well in all the facets of training, healthcare, and well-being while maintaining cohesiveness. Despite the challenges, the program remained strong and productive despite the pandemic and continues to flourish thanks to the support of the department and the dedication of our staff, faculty, and trainees.
LISTING OF RESIDENCY PROGRAM LEADERSHIP

Jeff House, DO, Professor, Associate Chair of Education & Quality Improvement, and Program Director
Medical School
Rotating Internship
Internship, Residency, and Chief Medical Resident
Nova Southeastern University
Broward General Hospital
University of Florida Jacksonville

Carlos Palacio, MD, Professor, Associate Program Director
Medical School
Internship and Residency
Chief Medical Resident
University of Miami
University of Florida Jacksonville
University of Florida Jacksonville

Elisa Sottile, MD, Assistant Professor, Associate Program Director, & Clerkship Director
Medical School
Internship and Residency
Chief Medical Resident
Temple University, Lewis Katz School of Medicine
Graduate Hospital, Philadelphia, PA
Graduate Hospital, Philadelphia, PA

Brittany Lyons, DO, Assistant Professor, Assistant Clerkship Director
Medical School
Internship and Residency
Philadelphia College of Osteopathic Medicine
University of Florida Jacksonville

Michael Carranza, DO, Post-Doctoral Associate and Chief Medical Resident
Medical School
Internship and Residency
Chief Medical Resident
Nova Southeastern University
University of Florida Jacksonville
University of Florida Jacksonville

Patrisha Shelley, DO, Post-Doctoral Associate and Chief Medical Resident
Medical School
Internship and Residency
Chief Medical Resident
Edward Via College of Osteopathic Medicine
University of Florida Jacksonville
University of Florida Jacksonville
PUBLICATIONS

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

Published manuscripts


**Published abstracts**


Presentations


Fasen M, Ali AA. Clavicular metastasis as an initial presentation of papillary thyroid cancer. Poster presentation at: Endocrine Society Annual Meeting; Virtual. March 2021.


Foldy S, Ng K. Recurrent CSFoma: an uncommon cause of small bowel obstruction. Poster presentation at: Florida Chapter American College of Physicians; Virtual. March 2021. WINNER


Mikulic S, Chhatrala H, Chahin M, Desai K, Lamsal S, Zuberi L. Exophthalmos and ovarian masses, an unusual presentation of AML. Poster presentation at: Florida Chapter American College of Physicians; Virtual. March 2021. WINNER


Coultas RD, Shukla R, Sadic E, Omar MB. Recalcitrant catecholaminergic polymorphic ventricular fibrillation. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; Virtual. February 2021. SAFMR/SSCI Trainee Research Award.


Kandah F, Shukla R, Ruiz J. Heparin, the savior for the acute management of hypertriglyceridemia. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; Virtual. February 2021.


Maaliki N, Ali AA, Omar MB. Recalcitrant iron deficiency anemia and neuropathy as a facade of copper deficiency. Oral presentation at: American Federation of Medical Research Southern Regional Meeting; Virtual. February 2021. SAFMR/SSCI Trainee Research Award.

Maaliki N, Mikulic S, Kogler W, Omar MB. Congenital long qt syndrome masquerading as epilepsy. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; Virtual. February 2021. SAFMR/SSCI Trainee Research Award.


Oye Me, Gidla D, Pagliolongase S, Omar MB, Reddy P. Hungry bone syndrome following parathyroidectomy in tertiary hyperparathyroidism. Poster presentation at: American Federation of Medical Research Southern Regional Meeting; Virtual. February 2021.


Oye Mo. Improving the safety of bedside paracentesis performed by internal medicine residents. Poster presentation at: American College of Physicians Florida Chapter Fall Meeting; Virtual. November/December 2020.


Martinez A. SARS-COV-2 induced very late stent thrombosis causing acute coronary syndrome with high clot burden and respiratory failure. Poster presentation at: CHEST Annual Meeting; Virtual. October 2020.


Martinez A. SARS-COV-2 induced very late stent thrombosis causing acute coronary syndrome with high clot burden and respiratory failure. Poster presentation at: Cardiovascular Research Foundation Annual Meeting; Virtual. October 2020.

Attarha B. COVID-19 induced very late end stent thrombosis. Poster presentation at: Southern Regional Assembly Meeting; Virtual. October 2020.

Kogler W. Time is myocardium: the effects of delayed anticoagulation in unstable angina patients who later develop NSTEMI. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. October 2020.

Oye Mo. Improving the safety of bedside paracentesis with localization of the inferior epigastric artery. Poster presentation at: Duval County Medical Society Annual Meeting; Jacksonville, FL. October 2020. WINNER.


Kogler W. The effects of delayed anticoagulation in unstable angina patients who later develop NSTEMI. Poster presentation at: American College of Cardiology Florida Chapter Annual Meeting; Virtual. August 2020.


**Grants**

HONORS AND AWARDS

Melissa Oye, DO  Intern of the Year
Michael Omar, MD  Senior Resident of the Year
Stuart Shah, MD  Fellow of the Year
Pramod Reddy, MD  Teacher of the Year
Monique Oye, DO  Best Conference Attendance
Monique Oye, DO  Procedure Completion Award
Madeline Fasen, DO  ACP Resident of the Year
Michael Chahin, DO  Malcolm T. Foster, Jr., MD Scholarship Award
Barrett Attarha, DO  Ann Harwood-Nuss Resident Advocate Award
Anthony Stack, DO  Edward Jelks Outstanding Resident Clinician Award
Elisa Sottile, MD  Louis S. Russo Jr., Faculty Award for Outstanding Professionalism in Medicine

Bijal Patel, DO is one of the recipients of the resident UF College of Medicine Exemplary Teachers Award and a finalist for the Rosilie O. Saffos Outstanding Resident Teacher Award.

Dominick Angiolillo, MD; Win Aung, MD; Joe Chehade, MD; Dave Cury, MD; Gunjan Gandhi, MD; Peter Ghali, MD; Maria Gutierrez, MD; Hadi Hatoum, MD; Jeff House, DO; Carmen Isache, MD; Vishal Jaikaransingh, MD; Marilu Jurado, MD; Gurjit Kaeley, MD; Mariam Louis, MD; Britanny Lyons, DO; Ron Mars, MD; Ghania Masri, MD; Emile Missov, MD; Carlos Palacio, MD; Robert Percy, MD; Malleswari Ravi, MD; Pramod Reddy, MD; Michael Sands, MD; Srinivasan Sattiraju, MD; Ron Schey, MD; Vandana Seeram, MD; Elisa Sottile, MD; Siva Suryadevara, MD; Myint Thway, MD; and Laura 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 2021 DESTINATIONS

<table>
<thead>
<tr>
<th>Chief Medical Residents</th>
<th>Professional Status</th>
<th>Location</th>
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<tbody>
<tr>
<td>Michael Carranza, DO</td>
<td>Gastroenterology Fellowship</td>
<td>USF Morsani HCA Bayonet Point</td>
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<tr>
<td>Patrisha Shelley, DO</td>
<td>Pulmonary/Critical Care Fellowship</td>
<td>University of Louisville, Kentucky</td>
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<th>Preliminary Residents</th>
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<tr>
<td>Luis Cruz-Saavedra, MD</td>
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<td>University of Florida Jacksonville</td>
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<tr>
<td>Amen Fahad, DO</td>
<td>Neurology Residency</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Monica Kumar, MD</td>
<td>Anesthesiology Residency</td>
<td>University of Florida Gainesville</td>
</tr>
<tr>
<td>Olushola Ogunlari, MD</td>
<td>Internal Medicine Residency</td>
<td>Morehouse School of Medicine</td>
</tr>
<tr>
<td>Zack Ramilevich, MD</td>
<td>Neurology Residency</td>
<td>University of Florida Jacksonville</td>
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<tr>
<td>Hayley Shade, MD</td>
<td>Neurology Residency</td>
<td>University of Florida Jacksonville</td>
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<th>Categorical Residents</th>
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<tr>
<td>Barrett Attarha, DO</td>
<td>Gastroenterology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Michael Chahin, DO</td>
<td>Hematology Oncology Fellowship</td>
<td>Medical College of Georgia, Augusta</td>
</tr>
<tr>
<td>Madeline Fasen, DO</td>
<td>Chief Medical Resident</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Christopher Izzo, DO</td>
<td>Chief Medical Resident</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>William Kogler, DO</td>
<td>Cardiology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Nithya Krishnan, MD</td>
<td>Hematology Oncology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Andres Martinez, DO</td>
<td>Baptist Hospital Medicine</td>
<td>St. Vincent’s MC, Jacksonville, FL</td>
</tr>
<tr>
<td>Michael Omar, MD</td>
<td>Cardiology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Monique Oye, DO</td>
<td>Cardiology Fellowship</td>
<td>Henry Ford Hospital, Michigan</td>
</tr>
<tr>
<td>Bijal Patel, DO</td>
<td>Pulmonary/Critical Care Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
<tr>
<td>Kevin Rechcigl, DO</td>
<td>Baptist Hospital Medicine</td>
<td>Jacksonville, FL</td>
</tr>
<tr>
<td>Kimberly Sanders, MD</td>
<td>Gastroenterology Fellowship</td>
<td>University of Missouri, Kansas City</td>
</tr>
<tr>
<td>Sandra Sheffield, DO</td>
<td>Primary Care Group Practice</td>
<td>Valdosta, Georgia</td>
</tr>
<tr>
<td>Anthony Stack, DO</td>
<td>Hematology Oncology Fellowship</td>
<td>University of Florida Jacksonville</td>
</tr>
</tbody>
</table>
The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville’s mission. Trends in external funding for fiscal year 2020-2021 and four prior years are shown in Figure 1.

External funding from federal, state, industry, foundation and other sources increased 4% this fiscal year compared to last. There was an increase in the number of funded investigators, from 26 investigators last fiscal year to 27 investigators this fiscal year (Figure 2). Importantly, there was a significant increase in the number of funded projects; from 81 last fiscal year to 94 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 the integrated stress response 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 and studying apoptosis in osteocytes. **Charles Heilig, M.D.,** (Nephrology and Hypertension) is examining the regulation of glucose transporter 1 expression by mechano-growth factor as well as examining the role of glucose transporters in liver cancer.
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. At the Celebration of Resident and Fellow Education and Research Awards, Dr. Pujan Patel and Dr. Barrett Attarha were finalists for the Ann Harwood-Nuss Resident Advocate Award. Dr. Anthony Stack was a finalist for the Edward Jelks Outstanding Resident Clinician Award and Dr. Shreya Ghetia was a finalist for the Rosilie O. Saffos Outstanding Resident Teacher Award. Dr. Sebastian Montalvo was a finalist for the Robert Wears Outstanding Resident in Quality and Patient Safety Award and Dr. Irtiza Hassan and Dr. Aaron Richardson were finalists for the Louis S. Russo Award for Outstanding Professionalism in Medicine.
Highlights

- Telemedicine and In-person visits at two UF Primary Care offices in Jacksonville (Kernan and St. Jose)
- Telemedicine at one UF Primary Care office (Crossroads)
- Expand collaborative efforts between Cardiovascular Imaging Program and Anesthesia to expand transesophageal (TEE) program to 3 days a week resulting in an overall increase in TEE volume; such expansion has been of benefit for cardiovascular fellowship program
- Expanded outpatient 2D-echo facility (i.e., addition of one full-time room) leading to increase in volume
- Developed an outpatient Vascular Imaging lab providing initially carotid ultrasound and then expanded to included vascular imaging/mapping (arterial and venous) of lower extremities
- Started Phase One Cardiac Rehab program in CCU and CVICU allowing to provided inpatient with rehab services translating into an increase in Phase II Cardiac Rehabilitation program
- Started planning phase of Peripheral Vascular Disease Rehabilitation and Heart Failure Rehabilitation as an expansion to our Cardiac Rehab program
- Started planning of new Cardiac Rehab facility at Tower 2
- Started planning of new implantable device monitoring system for heart failure patients (i.e., Cardiomems)
- Started planning phase to expand outpatient non-invasive services at UF North to include standard 2D-echo, TEE, stress echo (i.e., dobutamine)
- Started planning phase to expand outpatient nuclear stress testing at UF North in collaboration with Radiology
- Expansion of APP program at Downtown, UF North and St. Mary’s outpatient practices
- Started discussions for expansion of non-invasive imaging program at Baymeadows in collaboration with Radiology
- Started discussions for expansion of outpatient clinic visits at Southside Primary care office
- Started planning for pilot scribe program to evaluate increase in outpatient clinic metrics (volume and level of service)
- Expanded recruitment efforts for EP and non-invasive services

Education: The fellowships programs remain competitive. We had a very successful match filling all 6 positions with top tier candidates in our general fellowship program. Our fellows had an exceptional year for scholarly activities acceptance into major regional and national venues. Several projects have been accepted to venues such as; The American College of Cardiology, Society of interventional Cardiology, The Heart Failure Society among others. Many of these projects have been presented virtually while others await final determination of presentation platform given COVID 19. Our fellows actively participate in research projects. We continue to successfully place graduates interested in more advanced training into highly competitive subspecialty programs nationwide. Our post doc/OPS research fellowship has expanded and are integrated with the clinical and translations aspects of the Cardiovascular Research program and partake in other educational activities within the Division of Cardiology.

The following continue to take place and provide a robust platform for learning and academic discussion. These and most of our didactic and academic exchanges changed to virtual participation in view of the COVID19 pandemic.

- Monday Morning Report - Mandatory meeting for all fellows to discuss important, challenging cases that present to CCU over the weekend or preceding week.
- Updated core curriculum lectures on every cardiology discipline reviewed twice yearly by Didactic Curriculum Committee
- Goals and objectives for every clinical and nonclinical rotation by program year level
Cardiology

Division Chief: Theodore Bass, M.D.

- Ongoing participation in Cardiology Journal Club
- Board review/ in-training exam review sessions now increased to 2-3 a month
- Ongoing participation on Wellness/Well-Being initiatives for all faculty and fellows.
- Guest lecture faculty participating in our weekly didactic conference sessions
- Hemodynamic simulation programs twice per year
- Transthoracic and Transesophageal Echo simulation program via CESAr sim lab for first year fellows
- 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 and present their work at research day
- General fellows continue to actively participate in EKG, Echo, EP, Valvular and Cath conferences

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

- Update of educational materials for fellowship program, including general cardiology, echocardiography, and nuclear cardiology board review material
- Modernization of schedule flow in high clinical demand areas (i.e., non-invasive laboratories)
- Left ventricular support and hemodynamic simulation programs, in addition other simulation programs for TEE
- General Cardiology fellows continue to 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
- Cardiology Grand Round series with invited internal, national and or international experts
- Opportunities to obtain CME credit through Cardiology Grand Rounds and Cath Conferences
- Advanced imaging rotation (Cardiac CT and MR) at UF Health –Jacksonville – Dept. of Radiology
- Promoted Quality improvement course (yellow Belt Certification)
- Updated core curriculum lectures on every cardiology discipline reviewed twice yearly by Didactic Curriculum Committee
- Expanded Guest lectures in specific therapeutic areas
  - Pulmonary series with Dr. Seeram (UF – Jax)
  - Advance imaging series with Dr. Gopireddy (UF- Jax)

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 50 peer-reviewed manuscripts, 1 book chapter, numerous abstracts and presentations at local, national and international meetings. We currently hold leadership positions in most major cardiovascular societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding. Our research staff has also expanded to meet the demands of our growing research operations following our recent relocation to a new cardiovascular research building which hosts a state-of the art thrombosis research laboratory, patient waiting area, clinical visit rooms, and offices for research staff.
LISTING OF FACULTY MEMBERS

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

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

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

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

Alan Miller, M.D., Professor
Medical School
Internship/residency
Internship/residency
Subspecialty training and year
Mount Sinai
George Washington University
Cleveland Metropolitan Hospital

Dr. Robert Percy, M.D., Associate Professor
Medical School
Internship/residency
Subspecialty training
Subspecialty training
Subspecialty training
University of Mississippi
University of Mississippi
Jacksonville Health Education Programs
Mass General Hospital – Cardiac Rehabilitation
Joslin Clinic – Diabetes

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

Annual Report AY 2021
Cardiology
Srinivasan Sattiraju, M.D., Assistant Professor
Medical School
Adichunchanagri Institute of Medical Sciences, Karnataka, India
Internship/residency
University of Medicine and Dentistry of New Jersey
Subspecialty training
University of Minnesota Medical School,

Daniel Soffer, M.D., Associate Professor
Medical School
Ben Gurion University, Israel
Internship/residency
Lenox Hill Hospital
Subspecialty training
Lenox Hill Hospital – Cardiovascular Disease
Subspecialty training
William Beaumont Hospital – Interventional Cardiology

Jialin Su, M.D., Ph.D., Assistant Professor
Medical School
Peking Union Medical College/Tsinghua University, Beijing, China
Professional Education – Ph.D.
Peking Union Medical College/Tsinghua University, Beijing, China
Internship/residency
North Shore-Long Island Jewish Health System
Subspecialty training
Rhode Island Hospital/Brown University
Subspecialty training
Beth Israel Deaconess Medical Center - Electrophysiology

Siva Suryadevara, M.D., Assistant Professor
Medical School
University of the West Indies
Internship/residency
University of Florida College of Medicine-Jacksonville
Subspecialty training
University of Florida College of Medicine-Jacksonville

Gladys Velarde, M.D., Associate Professor
Medical School
New York University School of Medicine
Internship/residency
Columbia Presbyterian Medical Center
Subspecialty training
Boston University/Mount Sinai Hospital

Martin Zenni, M.D., Associate Professor
Medical School
University of Chicago
Internship/residency
Tufts University
Subspecialty training
Harvard Medical School
PUBLICATIONS


Sharma R (r), Patel P (f), Catanzaro JN Late massive radial artery pseudoaneurysm following cardiac catheterization Int J Surg Case Rep 2021 Apr;81: 105774.

Weyh AM (g), Esmail K(f), Yeikkan M(g), Catanzaro JN, Bunnell AM, Elavy CS, Fernandes RP Head and neck surgery is a risk factor for atrial fibrillation incidence and outcomes International Journal of Oral and Maxillofacial Surgery Volume 49 Issue 12, December 2020 1535-1541.


Gabriels J(f), Levine J(f), Xiang K(f), Makaryus JN, Catanzaro JN Successful Retrieval of a Trapped Endovascular Venous Closure Device JACC EP August 2020.


ABSTRACTS:


Jennifer Rymer, Deepak Bhatt, Dominick Angiolillo, 3 Miguel Diaz, Laura Edwards, Khalid Salahuddin, Carmen Dell’Anna. Cangrelor Use Patterns and Transition to Oral P2Y12 Inhibitors Among Patients With Myocardial Infarction: Early Results From the CAMEO (Cangrelor in Acute Myocardial Infarction: Effectiveness and Outcomes) Registry. TCT 2020.


**Book chapters:**

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## CONTRACTS AND GRANTS

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<tr>
<td>Angiolillo, D</td>
<td>Impact of the PCSK9 inhibitor evolocumab on the pharmacodynamics effects of clopidogrel in patients with atherosclerotic</td>
<td>2017-2020</td>
<td>Amgen</td>
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<td>Angiolillo, D</td>
<td>Pharmacodynamic effects of low-dose rivaroxaban in combination with antiplatelet therapies in patients with coronary and peripheral artery disease manifestations</td>
<td>2018-2020</td>
<td>Janssen</td>
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<td>Angiolillo, D</td>
<td>Switching from standard of care dual antiplatelet treatment (DAPT) regimens with aspirin plus a P2Y12 inhibitor to dual pathway inhibition (DPI) with low-dose rivaroxaban in adjunct to aspirin in patients with coronary artery disease: The Switching Anti-Platelet and Anti-Coagulant Therapy (SWAP-AC)</td>
<td>2019-2021</td>
<td>Janssen</td>
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<td>Angiolillo, D</td>
<td>Impact of DNA methylation in candidate genes on reduced CYP2C19 metabolic activity and increased P2Y12 activity in coronary artery disease patients with type 2 diabetes mellitus patients and impaired renal function</td>
<td>2020-2021</td>
<td>Scott R Mackenzie Foundation</td>
<td>$250,000</td>
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</table>
DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
ACADEMIC YEAR 2021 (7/20 - 6/21)

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 including the growth of virtual visits as a way to provide care to patients during the COVID-19 crisis. 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 on site and virtually 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. The UF North campus extends endocrinology services to a broader area of the First Coast. The core clinical faculty of the Division include Dr. Joe Chehade, Dr. Marilu Jurado, Dr. Gunjan Gandhi, Dr. Arshag Mooradian, Dr. Leena Shahla and Dr. Kent Wehmeier. The Division addressed clinical endocrinology issues related to hypothalamus, pituitary, thyroid, pancreas, adrenal and sex hormone gland dysfunction as well as gender identity. Patients with metabolic disorders including diabetes mellitus, polycystic ovary 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 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. Institution of point-of-care HbA1c testing expedited decisions in diabetes management at all sites. Diabetes care has matured with the partnering of outpatient diabetes medical nutrition therapy with the Division of Endocrinology. Kristina Worthington, MSH, RD/N, CSSD, LD/N provides onsite education at the UF Emerson and UF North clinics for diabetes management, carbohydrate counting and medical nutrition therapy (MNT.) Ms. Worthington also brings to the Division expertise in high performance dietetics and other areas of nutrition counseling. Measurement of basal metabolic rate onsite facilitated nutrition prescriptions for patients. Dr. Chehade, Dr. Jurado and Dr. Shahla utilized ultrasound for diagnosis and ultrasound guidance for the evaluation of patients with thyroid nodules, parathyroid neoplasia, lymph nodes, and thyroid cancer providing comprehensive care to patients with nodular diseases of the neck.

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

The care of patients with pituitary or sellar tumors was also advanced through the collaboration of the departments of neurosurgery, radiology, radiation therapy, pathology and otolaryngology. During weekly conferences, challenging cases were presented to the group to provide unique diagnostic and treatment approaches for individuals with rare neoplasms and unique presentations.

On the inpatient service, more patients were served by endocrinology consultation. The Division also provided evaluation and management in the areas of diabetes, thyroid disease, electrolyte disorders, adrenal insufficiency and patients with pituitary issues at UF Health Jacksonville and UF Health North to facilitate optimal care of patients with these conditions.
Leading the charge for better inpatient diabetes care, the Division’s own Dr. Gandhi chaired the Diabetes Steering Committee. This multidisciplinary body of physicians, nurses, pharmacists, dieticians and performance improvement specialists comes together to discuss common issues in glucose control at UF Health Jacksonville. Strategies to improve outcomes are discussed and implemented.

As a result of the COVID 19 pandemic our division participated in the management of hospitalized patients on inpatient Medicine teams as a result of the work of Dr. Firas Warda, a first year endocrinology fellow in our program.

**Education:** The Endocrinology fellowship continues to maintain its ACGME accreditation, under the direction of Program Director, Dr. Gunjan Gandhi and Dr. Kent Wehmeier as Associate Program Director. Dr. Ailyn Rivero and Dr. Firas Warda joined the Division in July 2020. Dr. Russell Fung and Dr. Angela Richter have been exceptional and productive additions to the Division and completed their fellowships June 30, 2021. 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 coordinator 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. Dr. Gandhi has been a Steering Panel member for the Endocrine Society in preparing In-Training Exams for endocrine fellows.

In the educational program of the University of Florida, Dr. Chehade, Dr. Gandhi, Dr. Haas, Dr. Mooradian, Dr. Jurado, Dr. Shahla and Dr. Wehmeier precept trainees at UF clinics in Endocrinology and coordinate lectures for the University of Florida medical students and residents in medicine. The Division of Endocrinology Grand Rounds provides an avenue for speakers at UF Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF. Dr. Chehade, Dr. Gandhi, Dr. Haas, Dr. Jurado, and Dr. Mooradian were chosen to receive the 2021 University of Florida-College of Medicine’s Exemplary Teachers Award.

**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 diabetic neuropathy, disorders of hypogonadism, surveillance of thyroid cancer 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. Due to the COVID 19 pandemic, the basic science lab was closed temporarily, but work continued in scholarly activity.

**Service:** Leading the charge for better inpatient diabetes care, the Division’s Dr. Gandhi chairs the Diabetes Steering Committee. This multidisciplinary body comes together to discuss common issues in glucose control. Strategies to improve outcomes are discussed and implemented. Dr. Chehade served in the patient satisfaction committee on the ambulatory side.

**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

Joe Chehade, M.D., Professor
Medical School
Internship/residency
Subspecialty training
St. Joseph University School of Medicine, Beirut-Lebanon
Staten Island University Hospital
Saint Louis University School of Medicine

Gunjan Gandhi, M.D., MSc, Associate Professor
Medical School
Internship/residency
Subspecialty training
Post-Graduate Training
Maharaja Sayajirao University, Baroda India
University of Illinois College of Medicine
Mayo Clinic, Rochester
Mayo Clinic, Rochester – Masters in Biomedical Research

Michael Haas, Ph.D., Research Associate Professor
Graduate School
Post-Graduate Training
University of Nebraska Medical Center

Marilu M. Jurado Flores, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Catholic University of Santiago De Guayaquil, Guayas Ecuador
University of Miami Hospital and Clinics
University of Florida College of Medicine-Jacksonville

Arshag D. Mooradian, M.D., Professor and Chair, Department of Medicine
Medical School
Internship/residency
Subspecialty training
American University of Beirut
American University of Beirut
University of Minnesota

Leena Shahla, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Al-Baath University, Homs Syria
New York Medical College
University of Massachusetts Medical School

Kent Wehmeier, M.D., Professor and Division Chief
Medical School
Internship/residency
Subspecialty training
University of Missouri-Columbia
Barnes-Jewish Hospital, Washington University
Saint Louis University School of Medicine
PUBLICATIONS


Feghaly JM, Mooradian AD. The rise and fall "ing" of the HDL hypothesis. Drugs 80:353-362, 2020.


Abstracts/Presentations:


**CLINICAL ACTIVITIES**

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<td>Initial Inpatient Encounters</td>
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<td><strong>Outpatient Activity</strong></td>
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<td>Clinic Visits</td>
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<td>Thyroid Biopsies</td>
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## GRANTS AND CONTRACTS

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<th>Award Amount</th>
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<tr>
<td>Wehmeier, K</td>
<td>A Phase 2b, Multicenter, Multinational, Double-blind, Dose-finding Study, incorporating an open label sub-study, in Adult Patients with Type I, III or IV Osteogenesis Imperfecta Treated with setrusumab (BPS804)</td>
<td>05/2017 - 12/2021</td>
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<td>$32,591.97</td>
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<td>Chehade, C</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>11/2016 -12/2019</td>
<td>Viromed</td>
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<td>Chehade, C</td>
<td>Testosterone Replacement therapy for Assessment of long-term Vascular Events and efficacy ResponSE in hypogonadal men (TRAVERSE) Study</td>
<td>08/2018 - 08/2023</td>
<td>AbbVie</td>
<td>$484,455.00</td>
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<tr>
<td>Chehade, C</td>
<td>A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function</td>
<td>04/2018 - 04/2022</td>
<td>Sanofi</td>
<td>$44,558.14</td>
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DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2021 (7/20 – 6/21)

Highlights

Gastroenterology Division has built an inter-disciplinary team of faculty, advanced practitioners and nurses. Our faculty members were Dr. James Scolapio, Dr. Faisal Buiearat, Dr. Ron Schey, Dr. Bruno Ribeiro, Dr. Neha Agrawal, Dr. Robert Bass, Dr. Paul Sievert and Dr. Peter Ghali. The allied health professionals included Victor (Pat) Nasrallah, Rhonda Broughton, Mei Lyn Lamar, as well as our nurse William Ecker. Our Division responded well to challenging clinical environments due to the pandemic. Working closely with our surgical colleagues, we continue to have one of the premier upper GI tract disease centers in the state. Our endoscopic ultrasound activity continues to lead the way with diagnostic tools such as EndoFLIP and Digitrapper, which have made us a referral destination for a wide catchment area. Our hepatology program started liver transplant patients in anticipation of full time liver transplant clinic. Our Fellowship program remains strong and is academically productive. We would like to thank every team member for going the extra mile to take care of our patients and each other.

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

Education: Dr. Ghali, as the Program Director of our fellowship-training program, has maintained a high quality of trainees’ satisfaction based on the 2020-2021 ACGME survey. The overall evaluation of the program was rated at 100% very positive, which is above the national average. The gastroenterology faculty that participated in the ACGME survey gave the program an overall, 100%, rating of very positive. Our fellows’ board pass rate has consistently been 100% for fellows that have taken the exam. Our priority remains recruiting gastroenterology fellows with a proven track record of clinical research as well as commitment to superb patient care, interpersonal skills and professionalism. We continue to be very active at the Jacksonville Gut Club quarterly meetings. This educational venue is very important to our division’s presence in the community. We have reacted to the COVID-19 pandemic. We discussed the challenges with each other, with our fellows, and with our staff, and we are all involved in improving the processes to promote physician well-being.

Research: All faculty members have been productive in scholarly activities over the past academic year. The Division produced twenty-five peer-reviewed published manuscripts, six abstract presentations, and four book chapters. The GI faculty have given multiple presentations at local, regional, national, and international meetings. The Division now has eleven funded research protocols and was able to generate over $600,000 in grants last year.
LISTING OF FACULTY MEMBERS

Neha Agrawal, M.D., Assistant Professor
Medical School  
Motial Nehru Medical College, Allahabad University, Allahabad, India
Internship/residency  
John H. Stroger, Jr. Hospital, Chicago, IL
Internship/residency  
University of Illinois College of Medicine, Urbana, IL
Subspecialty training  
Temple University Hospital, Philadelphia, PA

Robert Bass, M.D., Assistant Professor
Medical School  
Medical College of Georgia, Augusta, GA
Internship/residency  
University of South Alabama, Mobile, AL
Subspecialty training  
University of Florida – Jacksonville

Faisal Bukeirat, M.D., Associate Professor
Medical School  
University of Jordan, Amman, Jordan
Internship/residency  
New York Medical College, Bronx NY
Subspecialty training  
Albany Medical College, Albany NY

Peter Ghali, M.D., Professor and Division Chief, Gastroenterology
Medical School  
McGill University, Montreal, Canada
Internship/residency  
McGill University, Montreal, Canada
Subspecialty training  
McGill University, Montreal, Canada
Subspecialty training  
Mayo Graduate School of Medicine – Rochester, MN

Ron Schey, M.D., Professor
Medical School  
Sackler School of Medicine, Tel-Aviv University, Israel
Internship/residency  
Meir Medical Center, Kfar Saba, Israel
Subspecialty training  
Wolfson Medical Center, Holon, Israel

Bruno De Souza Ribeiro, M.D., Assistant Professor
Medical School  
Santa Casa de Sao Paulo, Brazil
Internship/residency  
Federal University of Sao Paulo, Brazil
Subspecialty training  
Sirio Libanes Hospital, Sao Paulo, Brazil
Subspecialty training  
California Pacific Medical Center, San Francisco, CA

James Scolapio, M.D., Professor and Associate Chair
Medical School  
Marshall University School of Medicine, Huntington, WV
Internship/residency  
Mayo Graduate School of Medicine – Rochester, MN
Subspecialty training  
Mayo Graduate School of Medicine – Rochester, MN

Paul Sievert, M.D., Assistant Professor
Medical School  
University of Miami
Internship/residency  
Medical College of Virginia
Subspecialty training  
University of Florida – Jacksonville
PUBLICATIONS


**Presentations and Abstracts:**


Shengir M., Chen T., Guadagno E., Ramanakumar RV, **Ghali MP**, Deschenes M., Wong P., Krishnamurthy S., Sebastiani G. Non-alcoholic fatty liver disease in premenopausal women with polycystic ovary syndrome: systematic review & meta-analysis. Canadian Liver Meeting Virtual Meeting May 2021 (Poster presentation).

**Scolapio J.**, Short Bowel Syndrome. Fort Walton Beach Medical Center, January 2021 (Oral presentation).

**Scolapio J.**, Tube Feeding Management. Cape Canaveral Hospital, November 2020 (Oral presentation).

**Book Chapters and Monographs:**


CLINICAL ACTIVITIES

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<td>Baptist Beaches Inpatient Procedures</td>
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<td>UF North Inpatient Procedures</td>
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<tr>
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<td>Baptist Beaches Outpatient Procedures</td>
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<td>Jacksonville Surgery Center</td>
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CONTRACTS AND GRANTS

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<tr>
<td>Peter Ghali</td>
<td>TARGET-NASH - A 5-year Longitudinal Observational Study of Patients with Nonalcoholic Fatty Liver Disease or Nonalcoholic Steatohepatitis</td>
<td>Target PharmaSolutions, Inc.</td>
<td>1/8/2017 - present</td>
<td>$85,717</td>
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<td>Peter Ghali</td>
<td>TARGET HCC - A 5-year Longitudinal Observational Study of the Natural History and Management of Patients with Hepatocellular Carcinoma</td>
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<td>TARGET IBD - A 5-year Longitudinal Observational Study of Patients Undergoing Therapy for Inflammatory Bowel Disease</td>
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<td>10/03/2017 - present</td>
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<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>Intercept Pharmaceuticals, Inc.</td>
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<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>Intercept Pharmaceuticals, Inc.</td>
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<td>Ron Schey</td>
<td>Pizzicato- A Phase 2A, Double-blind, Randomized, Placebo-Controlled, Parallel Group Study To Evaluate the Efficacy and Safety of Oral PF-06651600 and PF-06700841 as Induction and Open Label Extension Treatment in Subjects with Moderate to Severe Crohn’s Disease</td>
<td>Pfizer, Inc</td>
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<td>American Cancer Society Change Program: Colorectal Cancer Screening Compliance</td>
<td>American Cancer Society</td>
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<tr>
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<td>End Date</td>
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<tr>
<td>Peter Ghali</td>
<td><strong>CULTIVATE</strong>- A Phase 2b, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy and Safety of Oral Etrasimod as Induction Therapy in Subjects with Moderately to Severely Active Crohn’s Disease</td>
<td>Arena Pharmaceuticals, Inc.</td>
<td>6/11/2020</td>
<td>Present</td>
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<td>Peter Ghali</td>
<td><strong>LATTICE</strong>- A Phase 2 Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of BMS-986165 in Subjects with Moderate-to-Severe Crohn’s Disease</td>
<td>Bristol Myers Squibb</td>
<td>10/08/2020</td>
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<tr>
<td>Peter Ghali</td>
<td><strong>ECIR</strong>- East Coast Institute for Research Fee for Service Agreement</td>
<td>East Coast Institute for Research</td>
<td>2/12/2020</td>
<td>Present</td>
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<td>Ron Schey</td>
<td><strong>QUASAR</strong>- A Phase 2b/3, Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Protocol to Evaluate the Efficacy and Safety of Guselkumab in Participants with Moderately to Severely Active Ulcerative Colitis</td>
<td>Janssen Research and Development</td>
<td>10/01/2020</td>
<td>Present</td>
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</table>
Highlights

The Division continues a robust inpatient and outpatient practice and is an integral part of the educational experience for the Internal Medicine residency. The Division is looking for new opportunities for clinical and educational platforms.

Patient Care: The Division of General Internal Medicine is comprised of 19 members, including the two chief medical residents and two PhDs. All full time clinical 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. Win Aung, who oversees the medicine consultation service, is also trained in bedside ultrasound guided procedures. The procedural service is available to other departments to ensure the provision of safe care.

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, the outpatient primary care practices are certified as NCQA Level 3 Patient Centered Medical Homes. Our outpatient practices offer two unique clinical initiatives. The PAIDD (Program for Adults with Intellectual and Developmental Disability) clinic established in 2013 provides primary care services and care coordination to adults with special needs who are unable to manage their health independently. PAIDD providers, Drs. Edwards and Jacob, provide care to almost 200 adults with intellectual and developmental disabilities. RN care coordination of these patients has been supported by a grant from the Jess Ball DuPont Foundation.

Our four inpatient teaching services are supervised by two teaching hospitalists, Drs. Aung and Reddy and other members of the Division of General Internal Medicine. The four teaching services provide an excellent educational experience for the internal medicine residents as well as residents from anesthesia, psychiatry and preliminary residents in neurology. Medical students from the University of Florida College of Medicine and other non-UF medical schools have an opportunity to work alongside an excellent group of teaching faculty and residents. As part of the inpatient units and consultation service, residents and medical students learn the use of bedside ultrasound to assist in diagnosis and in performance of procedures. Dr. Aung has prepared a comprehensive curriculum using simulation training to assess their skills and pre- and post-tests to assess their knowledge. The Division continued to work through the challenges of the COVID-19 pandemic. Surge teams were called upon on more than one occasion to help meet the increased patient care demands.

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 and palliative care practice, Dr. Maharaj offers hospice and palliative care services to our hospitalized patients and he oversees the education of our trainees on the role of palliative care and hospice in the care of patients. During the pandemic, these services have been critical as physicians, patients and families made difficult decisions.

Education: As noted above, resident and student education are woven into the Division’s practice. The GIM faculty provide supervision of residents on the four general internal medicine inpatient teaching services, the inpatient medicine consultation and procedural service and geriatrics, 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, morbidity and mortality conferences and present at the noon conference core curriculum series held daily, as well as a Friday afternoon board review.

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

Dr. Win Aung and the Chief Residents continue to advance the bedside ultrasound curriculum for residents. The program has traditionally been strong in teaching ultrasound assisted procedures, but has significantly increased the experience in bedside point of care US (POCUS).

Drs. Masri and Sottile serve as peer reviewers for the University of Florida College of Medicine-Jacksonville faculty development program. Drs. Sottile and House also serve as facilitators of the “Residents and Fellows as Teachers”—a 6-8 hour intradepartmental seminar offered each year at the University of Florida College of Medicine-Jacksonville to first year residents and fellows.

The faculty in the Division serve as program directors, speakers and workshop facilitators for the annual Update in Internal Medicine. Although the program was cancelled due to the COVID-19 pandemic in 2019, it was renewed for the FY21 academic year. It 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 Quality Improvement (QI) for the Department and for the training program. Dr. House is the Associate Chair of Medicine for Quality and Education. He is the Chair of the Medical Performance Improvement Committee (MPIC) and is a member of the Performance Improvement Committee—the institutional body that oversees quality and safety for the UF Health Jacksonville campus. Dr. Jacob serves on MPIC as the GIM representative. The Division has focused on readmissions and patient satisfaction this past year. Due to previous work by QI teams in collaboration with case management, GIM readmission rates have dramatically improved. 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 quality dashboards in EPIC has allowed our practice to improve its cancer screening and immunizations and to reduce care gaps in our patient population. The GME leadership has worked with our EMR team to develop a resident dashboard that will be launched in July. This dashboard will be used as an education tool for residents to review their personal performance on various quality metrics and social determinants of health as well as review their performance compared to their peers in continuity clinics.

**Research:** Research in the Division varies among the faculty. The development of the bedside ultrasound curriculum and the quality improvement/patient safety block rotation have led to poster presentations and other opportunities for educational scholarship. Many of the faculty mentor residents in their research...
projects and have assisted them in preparing and submitting case reports to the American Federation of Medical Research. The Division continues to be productive as demonstrated by the publication list below.

**Future Directions:** To meet the primary care needs of Jacksonville, we expanded our practice to North Jacksonville and our practice continues to grow there, meeting the needs of this sector of Jacksonville. 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 receives referrals from Northeast Florida because of the unique service provided to our special needs population.

The Division, along with our residents will have the opportunity to develop performance improvement initiatives that will lead to improved patient care and safety and result in the preparation of scholarly works. Epic dashboards, particularly for resident performance, are a focus for the upcoming year. When this platform is refined, it will serve as a unique resource for resident feedback on clinical measures, quality improvement projects, and scholarly activities.

Lastly, UF Health Jacksonville continues to move toward a regional campus for medical student education, and with the leadership of Dr. Sottile, the Division of Internal Medicine will be the main driver in this new endeavor.

### 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>Win Aung, M.D.</td>
<td>Assistant Professor</td>
<td>Medical School</td>
<td>Institute of Medicine, Myanmar</td>
<td>Lutheran Medical Center</td>
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<tr>
<td>Lori A. Bilello, Ph.D., M.B.A., M.H.S.</td>
<td>Assistant Professor</td>
<td>PhD Health Services Research</td>
<td>University of Florida</td>
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<tr>
<td></td>
<td></td>
<td>Master of Business Administration</td>
<td>University of Florida</td>
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<tr>
<td></td>
<td></td>
<td>Master of Health Science</td>
<td>University of Florida</td>
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<tr>
<td>Linda Edwards, M.D.</td>
<td>Associate Professor</td>
<td>Medical School</td>
<td>East Carolina University</td>
<td>Jacksonville Health Education Programs</td>
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<td>Malcolm Foster, M.D.</td>
<td>Professor Emeritus</td>
<td>Medical School</td>
<td>Bowman Gray School of Medicine</td>
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<td></td>
<td></td>
<td>Internship/residency</td>
<td>University of Florida, Gainesville</td>
<td>University of Florida, Gainesville (Infectious Disease)</td>
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Shiva Gautam, Ph.D., Professor
PhD Statistics
University of Texas at Dallas

Maria Gutierrez, M.D., Assistant Professor
Medical School
Ross University School of Medicine
Internship/residency
University of Florida, Jacksonville

Alan Halperin, M.D., Professor
Medical School
University of Kansas
Internship/residency

Jeffrey House, D.O., Professor and Associate Chair
Medical School
Nova Southeastern College of Osteopathic Medicine
Internship/residency
University of Florida – Jacksonville

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

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

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

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

Manuscripts:

Kalynych C, Zenni E, **Edwards L**, Snodgrass C, West D. Tuesdays are Great for Teaching Tips: Spaced Education Strategy for Faculty Development Journal of Graduate Medical Education (Accepted for publication Ms. No. JGME-D-20-01249).


**Presentations:**


**Poster/Abstract Presentations:**


**HONORS AND AWARDS**

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<td>Jeff House, DO</td>
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<td>Maria Gutierrez, MD</td>
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<td>Win Aung, MD</td>
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<td>Pramod Reddy, MD</td>
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<td>Carlos Palacio, MD</td>
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<td>Carmen Isache, MD</td>
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<td>Brittany Lyons, DO</td>
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<tr>
<td>Ghania Masri, MD</td>
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<td>Elisa Sottile, MD</td>
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**CLINICAL ACTIVITIES**

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# CONTRACTS AND GRANTS

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<td>Bilello, L (Co-I)</td>
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<td>Mitigating Injustice in the Justice System</td>
<td>4/2021-3/2022</td>
<td>Robert Wood Johnson Foundation</td>
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<td>Edwards, L (Co-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>Martin A. Smith Patient Safety and Quality Award</td>
<td>$18,700</td>
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<td>Gautam, S (Co-I)</td>
<td>Health-Smart for Weight Loss</td>
<td>10/2017 – 9/2020</td>
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<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 2021 (7/20 – 6/21)**

**Highlights**

Despite the challenges presented by the pandemic, the Division of Hematology and Medical Oncology produced notable clinical and academic achievements during this past year. The division provides inpatient clinical consultation in hematology and medical oncology, an expanding outpatient presence in both disciplines as well, and maintains a thriving ACGME accredited fellowship training program. Under the leadership of the new division chief; W JR Quan, the division established a hematologic malignancy service, adding a dedicated, specialized Registered Nurse coordinator, doubled the number of patients with acute leukemia treated at our facility, established a multi-modality hematologic malignancy conference that is acclaimed for its fellow teaching, and received its largest grant to date to support the development of a non-malignant blood disorder program. The division welcomed our newest faculty member Dr. Gharia who plays a vital role in clinical care and teaching. His hiring marks our division’s expansion along disease-oriented specialization. The fellowship program matched two outstanding incoming fellows and celebrated the graduation of two excellent fellows. Dr. Zuberi received a University Of Florida College Of Medicine’s Exemplary Teachers Award for outstanding teaching.

**Patient care:** Our division continues to increase access to our inpatient and subspecialty experts in evaluation and treatment of hematologic malignancies. We provide both outpatient and inpatient consultative services for hematology and oncology at the downtown campus, which is also the location of the only sickle cell clinic in Jacksonville, Florida. Patient care is readily convenient at UF Health Jacksonville campus and UF Health North campus. To provide the best quality of patient care, collaboration with multiple specialties through mechanisms including multi-disciplinary tumor conferences are ongoing. Our division has added a palliative care outpatient clinic twice per week that emphasizes alleviation of cancer-related pain and other symptoms. Our faculty members collaborate closely with the Proton Therapy Institute and the Departments of Surgery and Gynecologic Oncology. Faculty actively educate patients in-person, via telemedicine, and through patient education sheet facts distributed by disease diagnosis.

**Education:** The prior long-standing medical oncology fellowship has transitioned to and become accredited by the ACGME as a three-year combined hematology/oncology fellowship leading to dual board eligibility. The didactic curriculum has expanded to include Hematology core lectures, hematology-based clinical rotations, and fellow-oriented reviews for the in-service training exam.

Our faculty offers a consult experience in hematology and oncology to residents at all training levels. Faculty development sessions including those on small group teaching, teaching under time constraints, and diversity/inclusion contribute to the educational growth of our division.

The division continues to support the Internal Medicine Residency Program through didactic involvement in the Internal Medicine resident’s noon conference, and the Department of Medicine Grand Rounds. The hematology oncology fellowship has rotations at Mayo Clinic Jacksonville (Stem Cell Transplant, benign hematology). Fellows are active participants in a weekly lecture series which encourages and develops teaching skill.

**Research:** The Division of Hematology and Medical Oncology has reached agreement to allow for its two initial externally-supported clinical drug trials using new agents in Essential Thrombocytosis and Acute Myeloid Leukemia. The premiere of our investigator-initiated trials is anticipated in the upcoming academic year. Our division continues to provide academic support to residents though mentorship in research projects and publications. At the conclusion of the academic year the division received its largest grant to date to support the development of a non-malignant blood disorder program.
LISTING OF FACULTY MEMBERS

W JR Quan, M.D., Professor and Division Chief
Medical School
Internship/residency
Subspecialty training
Ohio State University College of Medicine, Columbus
Medical College of Ohio, Toledo
Medical College of Ohio, Toledo/University of Southern California

Bharatsinh Gharia, M.D., Assistant Professor
Medical School
Internship/residency
Subspecialty training
Smt. N.H.L. Municipal Medical College, India
Jersey City Medical Center, Jersey City, NJ
University of Florida College of Medicine-Jacksonville

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

PUBLICATIONS


Quan W, Kadakia M, Gutierrez LI, Quan FM: Bendamustine (B) + Methylprednisolone (MP) and Peg-filgastrim (F) in Indolent Lymphoma.  J Clin Oncol 38, 2020 (suppl; abstr e20069).


CLINICAL ACTIVITY

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<th>Inpatient Activity</th>
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<tr>
<td>Number of Inpatient visits</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>
<td>Quan W JR</td>
<td>Non-Malignant Blood Disorder Program</td>
<td>5/1/2021-4/30/2024</td>
<td>The Coastal Blood Foundation</td>
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<td>Quan W JR</td>
<td>A Phase 2 Study of the LSD1 Inhibitor IMG-7289 (Bomedemstat) in Patients with Essential Thrombocythaemia</td>
<td></td>
<td>Imago Biosciences</td>
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<td>Quan W JR</td>
<td>D18-11141 : Phase III Randomized Trial of DFP-10917 vs. Non-Intensive Reinduction (LoDAC, Azacitidine, Decitabine, Venetoclax combination regimens) or Intensive Reinduction (High and Intermediate Dose Cytarabine Regimens) for Acute Myelogenous Leukemia Patients in Second, Third or Fourth Salvage</td>
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<td>Delta-Fly Pharma</td>
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DIVISION OF INFECTIOUS DISEASE
ACADEMIC YEAR 2021 (7/20 - 6/21)

Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of 3 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 the ID division and IM activities. Dr. Sands is the university ID Division Chief, ID Fellowship Associate Program Director and the Medical Director of Hospital Infection Prevention and Control for UF Health Hospital. Dr. Isache is the Chair of the Antimicrobial Stewardship Programs for UF Health Hospital and the ID Fellowship 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 2019-2020 academic year, the division performed over 900 inpatient infectious diseases consultations with over1200 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 2019-2020 academic year, there were over 450 outpatient ID visits for HIV/AIDS and general Infectious Diseases diagnoses including chronic osteomyelitis and MRSA infection.

Education: Grand Rounds: The division actively participates in presenting at Medical Grand Rounds and as regular attendees. This academic year faculty gave presentations at two UF Grand Rounds.

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 reaccredited 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 inpatient consult service at UF Health.

Our Infectious Diseases fellows continue to distinguish themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time Infectious Diseases consultants in a variety of metropolitan areas, including San Francisco, Atlanta, Baton Rouge, Tampa, Orlando and here in Jacksonville.

Resident Training: Faculty provided a 12 lecture series ID core curriculum conference for the residents; ID consultation teaching and clinical rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.
Medical Student Education: Medical students from UF Gainesville, other US sites and internationally, rotate on the infectious diseases consultative service and the outpatient ID clinics at both the ACC and Emerson campuses.

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

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

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

Publications and presentations this past academic year included 16 journal articles published in peer reviewed journals, three published ID monographs, 4 presentations and 3 abstracts presented at regional and national meetings.

**LISTING OF FACULTY MEMBERS**

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

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

**Michael Sands, M.D., M.P.H. & T.M., Professor and Division Chief**
- Medical School: Georgetown University, Washington, DC
- Internship/residency: St. Mary’s Hospital, San Francisco, CA
- Subspecialty training: Tulane University School of Public Health & Tropical Medicine (MPH & TM)
- University of Florida, Gainesville FL
- Louisiana State University School of Medicine (Infectious Disease)
- Northwestern Memorial Hospital, Dept. of Pathology, Clinical Microbiology Section (Clinical Microbiology)
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.

**UF Health Hospital, Division of Infection Prevention and Control**
Capt. Chad Nielsen, MS (Epidemiology)

**Mayo Clinic – Transplantation ID**
Walter Helling, 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:**


**Monographs and Book Chapters:**

Mucormycosis. Palnitkar R, **Sands M.** BMJ Point-of-Care 2009, updated 2020; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

Non-Cholera Vibrio infections. **Sands M., Isache C.** BMJ Point-of-Care 2009, updated 2020; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

Hantavirus infections. **Sands M., Isache C.** BMJ Point-of-Care 2009, updated 2020; [www.pointofcare.bmj.com](http://www.pointofcare.bmj.com).

**Abstracts:**


**Presentations:**


**McCarter YS.** “Clinically Relevant Culture Workup” Workshop. Virtual presentation at: South Central Association for Clinical Microbiology 2021 Spring Meeting Workshop, March 2021.

**Isache, C.** Grand Rounds Internal Medicine Department. Virtual presentation at: UF Health Jacksonville, July 2020.

### CLINICAL ACTIVITIES

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

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<tr>
<td>M. Sands</td>
<td>Developing and assessing whole genome sequencing analysis for molecular epidemiology of MRSA infections at a Florida hospital</td>
<td>7/18 – 7/21</td>
<td>FoxSeq</td>
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DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2021 (7/20 - 6/21)

Highlights

In the 2020 - 2021 academic year, the Division of Nephrology and Hypertension continued to make headway in meeting the goals of the academic mission.

In patient care, the offsite dialysis venture with DCI at the Gateway Unit has continued to support the hemodialysis mission for UF. ARNP’s Melissa Goalen and Shatura Rowe played essential roles in the care of our large outpatient dialysis population. The DCI Midtown hemodialysis patients are planned to move to the nearby DCI Gateway and LaVilla Dialysis Units later this year, while the peritoneal dialysis patients will eventually move to the LaVilla Dialysis Unit.

In education, the Nephrology fellowship progressed successfully with continuation of Simulation Trainings and off-site renal transplant rotations. The Emerson site Renal Transplant Clinic has been up and running since June of 2019 with Dr. Vishal Jaikaransingh and Dr. Rabie Adam-Eldien seeing patients there. Dr. Vishal Jaikaransingh continues as the Associate Program Director for the fellowship, and he continues as the organizer of the fellows’ Renal Physiology Course.

The joint Renal Pathology Conference with Mayo Clinic Jacksonville and Mayo Clinic Rochester continued as a successful and important piece of the educational program, as did the hospital Transplant Rotation at Mayo Clinic Jacksonville with a core lecture series. Our annual Update in Nephrology & Hypertension CME Symposium with grant support from Dialysis Clinics Inc., continued in 2021 as a virtual conference due to the COVID19 pandemic. Dr. Ronald Mars received a Faculty Teaching Award this academic year.

The Division presented Mechano-Growth Factor (MGF) and glucose transporter research work on mouse glomerular disease at the 2020 virtual American Society of Nephrology meeting. Fellow case report abstracts were also a part of the 2020 ASN Meeting. The research laboratory of Dr. Charles Heilig continued with funded basic research studies into the pathogenesis of diabetic and nondiabetic glomerulosclerosis in diabetic and transgenic mouse models, with a focus on the roles of Mechano-Growth Factor (MGF) and glucose transporters. Dr. Charles Heilig had research grant funding from DCI, Inc. and a Scott R. Mackenzie Foundation Research Grant for studies of glomerulosclerosis in mice. He also mentored Dr. Irtiza Hasan for a human glomerulosclerosis study funded with a UF Dean’s Grant. Dr. Yongxin Gao, Assistant Scientist in the Nephrology Research Laboratories, continued her collaborative research work on glucose transporters, MGF and other growth factors in diabetic and nondiabetic kidney disease.

Fellows and/or faculty attended and participated in meetings of the American Society of Nephrology, the National Kidney Foundation, and a national Home Dialysis Educational Seminar.

Patient care: The Division of Nephrology provides physician services and the medical director for two outpatient chronic dialysis units and also provides services to the inpatient UF Health Jacksonville acute hemodialysis unit. Dialysis Services provided include hemodialysis (HD), peritoneal dialysis (PD), and inpatient CRRT. Faculty clinics are staffed at the Towers Clinic on the downtown campus by the nephrology faculty members, at the Emerson Transplant Clinic by Dr.’s Vishal Jaikaransingh and Dr. Rabie Adam-Eldien, and at the UF North Nephrology Clinic. The nephrology clinics at the UF Health Jacksonville campus included the Nephrology Faculty Clinics, the Anemia Clinic, the Post-Renal Transplant Clinic, the Fellows’ Continuity Clinics, the Correctional Facility Clinic, the HD Outpatient Center and the PD Clinic. The inpatient Nephrology Acute and Chronic Consult Services are staffed by two faculty members and two fellows. These two services continue to provide important educational platforms for fellows, medical residents & students. Dr. Abdalagani Baher was the Quality Officer for the Division.
The Division has been working with the Department of Surgery on improving placement of permanent vascular access for patients preparing for hemodialysis, to fulfill goals of the Fistula First Program. The Post-Renal Transplant Clinic and the Emerson Transplant Clinics continued to serve as additional platforms for education of the fellows and care of patients previously transplanted at this program.

**Education:** The fellows’ Renal Physiology Course, initiated in 2010, continued under Dr. Jaikaransingh’s guidance as an important component of 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 annual Update in Nephrology and Hypertension continued to be an important educational venue for fellows and faculty alike in 2021. This symposium typically includes UF faculty, plus visiting speakers.

The Nephrology faculty continue to participate in educational programs for the Medicine residents, including the Night Float Rotation, Medicine Residents’ Noon Conferences, Nephrology Clinics & the Nephrology Hospital Consult Rotations. The Mayo Clinic Jacksonville Renal Transplant Rotation for UF Health Jacksonville Nephrology fellows continued successfully and complements the Nephrology training program at UF Health. The ACGME-required milestones have been incorporated into the fellowship training program and rotation evaluations.

**Research:** The topics of research studies in the Division spanned from basic science work on glucose transporter & growth factor roles in diabetic and nondiabetic glomerular disease, to translational work on human kidney samples regarding Mechano-Growth Factor involvement in glomerulosclerosis, and also modified dialysis prescription investigation. Dr. Heilig’s laboratory focuses on glucose transporter- and MGF- regulation of glomerulosclerosis in both diabetic and nondiabetic kidney disease. Dr. Irtiza Hasan, Renal Fellow mentored by Dr. Heilig, was funded with a UF Dean’s Grant to investigate mechanisms of glomerulosclerosis in patients with nondiabetic or diabetic renal disease. Dr. Vishal Jaikaransingh participated in two clinical trials, one on ambulatory blood pressure monitoring, and another on COVID-19 and renal disease. Dr. Ronald Mars investigates the efficacy of modified dialysis prescriptions for cost saving in hemodialysis.

The Nephrology fellows participated in various different research studies & scholarly activities as part of their research training. Fellows also attended/participated in research activities for the 2020 virtual American Society of Nephrology Meeting and the 2020 National Kidney Foundation Meeting. The Nephrology Division produced 13 manuscripts, 5 abstracts, and 10 presentations. There were also 5 active grant awards in the Division this year (4 research grants & 1 education grant).

**Special Initiatives:**

**Nephrology & Hypertension Annual Update, Jacksonville, FL:** This year’s meeting was held as a virtual conference due to COVID-19. This yearly meeting typically provides education and CME credits. Doctors, nurses and others involved in the care of patients with renal disease attend the meeting. The Activity Director is Dr. Ronald Mars.

**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

Abdalagani Abakar Baher, M.D., Assistant Professor
Medical School
University of Khartoum, Khartoum, Sudan
Internship/residency
Interfaith Medical Center, Brooklyn, NY
Subspecialty training

RABIE ADAM-ELDIEN, M.D., Assistant Professor
Medical School
University of Khartoum, Khartoum, Sudan
Internship/residency
Worcester Medical Center, Worcester, MA
Subspecialty training
University of Florida College of Medicine, Jacksonville, FL
Vanderbilt University Medical Center, Nashville, TN
Subspecialty training

Yongxin Gao, M.D., Assistant Scientist
Medical School
Jiamusi Institute of Medicine, China
Postdoctoral training
Department of Pharmacology, University of Florida

Charles Heilig, M.D., Professor and Division Chief
Medical School
University of Minnesota
Internship/residency
Mayo Clinic Rochester
Subspecialty training
Brigham and Women’s Hospital, Harvard Medical School

Vishal Jaikaransingh, M.D., Assistant Professor
Medical School
University of the West Indies, Trinidad
Internship/residency
University of Florida, Jacksonville, FL
Subspecialty training
UT Southwestern Medical Center, Dallas, Texas

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

Manuscripts:


Abstracts:


PRESENTATIONS


Heilig CW. Update in the Diagnosis and Management of Diabetic Nephropathy. Virtual presentation at: Update in Nephrology and Hypertension 2021 symposium, Jacksonville, FL; March 2021.


Whitney C, Mars R. Iatrogenic Arteriovenous Fistula with Central Venous Catheterization. Poster presentation at: National Kidney Foundation Spring Clinical Meeting; Virtual, April 2021.

HONORS AND AWARDS

Charles Heilig, MD: Chair, Dept. of Defense, CDMRP Grant Review Committee Dis-UD, 2020

Ronald Mars, M.D.: University of Florida Exemplary Teaching Award 2021

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<td>Heilig, C</td>
<td>Reversal of Diabetic Glomerulosclerosis by Inhibition of Mesangial Cell Glucose Transporter GLUT1.</td>
<td>12/2016 – 12/2020</td>
<td>Scott R. MacKenzie Foundation, #170008</td>
<td>$250,000</td>
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<td>Mars, R</td>
<td>Update in Nephrology &amp; Hypertension 2021</td>
<td>3/2021</td>
<td>Dialysis Clinics, Inc.</td>
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<td>Heilig C</td>
<td>Genetic Variations in the Glut1 Gene in Patients with End Stage Renal Disease due to Diabetic Nephropathy.</td>
<td>7/2018 – 7/2021</td>
<td>DCI #C-4092</td>
<td>$44,000</td>
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<tr>
<td>Hasan, I. (Co-PI Heilig C)</td>
<td>GLUT1 Glucose Transporter is Directly Involved in Both Diabetic and Non-Diabetic Glomerulosclerosis in Humans</td>
<td>2019 - 2021</td>
<td>UF Dean’s Grant</td>
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DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2021 (7/20 - 6/21)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has shown resilience thru a Global Pandemic with productive faculty members. There have been some staff changes as Dr Jones left the Division In December 2020 with Dr Seeram assuming the role of the interim Division Chief while a nationwide search was conducted for a permanent Division chief. Dr Hatoum completed his year and will be relocating to Atlanta, GA to be with his family and Dr Stuart Shah will join the Division upon completion of his Fellowship in June 2020. The fellowship program was approved for a complement increase to 3 fellows per year starting 2021 and the fellowship training program continues to be popular with almost 500 applications for the three available positions per year. Clinically, we continue the expansion of Pulmonary Disease clinics and consultation services at UF North. Academically, the division continues to be productive in the areas of clinical and original research and publications. The faculty was involved as moderators and presenters for various sessions in Society of CHEST, Pulmonary Hypertension Association, SETA and ATS conferences. The fellows, under the mentorship of faculty, are engaged in a number of clinical studies, to include COVID-19 related 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 involved in successful industry funded clinical research in this arena.

The pulmonary hypertension clinic, under the leadership of Dr. Seeram and Dr. Najjar, continues to be a locally known referral center with patients being referred from regions all over our coast. As member of the Pulmonary Hypertension Association, it is on track to become a Regional Referral Center with a successful first site visit in December 2019. We continue to host a successful Pulmonary Hypertension support group for patients and caregivers and have transitioned well to a virtual format. Nationally renowned speakers have been guest speakers at these support group meetings. The clinic currently manages over 150 pulmonary hypertension patients and our faculty perform the required right heart catheterizations in a dedicated suite to complete the comprehensive assessments of this patient population. Alicia Peters, RN has been newly appointed as the Pulmonary Hypertension and Pulmonary Disease Clinical Coordinator.

The Interstitial Lung Disease and Sarcoidosis clinic continues to expand and is involved in numerous clinical trials in the area of IPF. We look forward to the addition of new faculty specialized in the management of sarcoidosis to help with further expansion of this program.

The fellows’ continuity clinic is staffed and supervised by faculty three days weekly. The number of pulmonary function, 6MWT, NIOX testing performed over both campuses has increased with the addition of a dedicated RT at Faculty Pulmonary clinic and the addition of an oxygen assessment and 6 minute walk clinic.

The thoracic oncology clinic continues its multidisciplinary approach to patients with thoracic malignancy. The division successfully initiated the bronchoscopy program at the North campus with Drs. Hatoum, Ashby and Najjar. 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 MICU was determined to be the unit for COVID-19+ critically ill patients for the pandemic surge. Our faculty provided continued coverage in the Medical ICU with surges seen in July-August 2020 and again
December 2020 to February 2021. The dedication, courage, professionalism is exemplary amongst our faculty, MICU nursing, and ancillary staff.

The inpatient pulmonary consult service continues to be busy and, with the continued evolution of the bronchoscopy, thoracoscopy and right heart catheterization suite, there has been an increase in the number, efficiency and timeliness of procedures offered by the division. The COVID+ patients have been consulted to the pulmonary service for recommendations on management and continuity of care. Our faculty have contributed to the monthly hospital COVID guidelines that are available on the UF Health Bridge and provide guidance on the constantly evolving body of evidence behind the management practices for hospitalized COVID 19 patients.

**Education:** The faculty has been invited to present lectures at international conferences such as CHEST, ATS and SETA in the past year, which is a reflection of national recognition of our division.

The division continues to play an active role in educational core lecture series including Grand Rounds and Updates in Internal Medicine 2020. The division faculty also has an active role in the educational lectures for a variety of residency programs including Navy family medicine, emergency medicine, obstetrics, internal medicine and trauma critical care. Drs. Cury, Seeram, Hatoum and Louis were honored with Exemplary Teacher Awards for 2020 by University of Florida College of Medicine. Dr. Seeram was honored by University of Florida Internal Medicine residency Teacher of Year Award for years 2016, 2017, 2018 and 2020.

Dr. Vandana Seeram continued as the Pulmonary Medicine and Critical Care Medicine Fellowship Director coordinating the educational activities for the fellowship with continued 100% first time board pass rates. The fellowship program has been granted a complement increase to three fellows per year and hopes to continue with the expansion efforts. As a result of the increased number of fellows, there will be the implementation of a night float fellow on most nights which will help with continuity of care and resident guidance in the MICU.

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 and Dr Seeram and Dr Ashby presented at the Internal Medicine Update 2020 which was held virtually.

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 Naval Air Station Jacksonville. 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.
# 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>
</tr>
</thead>
<tbody>
<tr>
<td>Tracy Ashby, D.O.</td>
<td>Assistant Professor</td>
<td>Lincoln Memorial University</td>
<td>University of Florida/Jacksonville</td>
<td>University of Florida/Jacksonville</td>
</tr>
<tr>
<td>James D. Cury, M.D.</td>
<td>Associate Professor</td>
<td>University of Miami</td>
<td>Barnes Hospital/Washington</td>
<td>Washington University</td>
</tr>
<tr>
<td>Hadi Hatoum, M.D.</td>
<td>Assistant Professor</td>
<td>American University of Beirut</td>
<td>Indiana University School of Medicine</td>
<td>University of Texas Southwestern</td>
</tr>
<tr>
<td>Lisa Jones, M.D.</td>
<td>Associate Professor and Division Chief</td>
<td>University of Cincinnati</td>
<td>University Hospital Cincinnati</td>
<td>Naval Medical Center</td>
</tr>
<tr>
<td>Mariam Louis, M.D.</td>
<td>Associate Professor</td>
<td>McGill University</td>
<td>McGill University</td>
<td>McGill University (Pulmonary Medicine)</td>
</tr>
<tr>
<td>Nimeh Najjar, M.D.</td>
<td>Assistant Professor</td>
<td>Ross University School of Medicine</td>
<td>University of Florida/Jacksonville</td>
<td>University of Florida/Jacksonville</td>
</tr>
<tr>
<td>Vandana Seeram, M.D.</td>
<td>Associate Professor</td>
<td>University of West Indies</td>
<td>University of Florida/Jacksonville</td>
<td>University of Florida/Jacksonville</td>
</tr>
</tbody>
</table>
PUBLICATIONS

Manuscripts:


Electronic Media:


Abstract/Presentations:


Oral Presentations:

CHEST Annual Meeting 2020. Session Name: Obstructive Lung Diseases - Obstructive Lung Diseases in Women – Is There a Difference?

Presenter: Mariam Louis: COPD in women

Vandana Seeram: Asthma in Women

HONORS AND AWARDS

James D. Cury, M.D. Exemplary Teacher Awards 2020/2021
Hadi Hatoum, M.D. Exemplary Teacher Awards 2020/2021
Mariam Louis, M.D. Exemplary Teacher Awards 2020/2021
Vandana Seeram, M.D. Exemplary Teacher Awards 2020/2021
CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient activity</th>
<th>AY 20/21</th>
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</thead>
<tbody>
<tr>
<td>Initial Inpatient Encounters</td>
<td>850</td>
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</tbody>
</table>

Outpatient activity

| Clinical Visits | 6,309 |

**Procedures**

| Bronchoscopies | 512 |
| Sleep Studies | 1103 |

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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</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cury</td>
<td><strong>Losartan Effects on Emphysema Progression (COPD)</strong></td>
<td>2017 - present</td>
<td>John Hopkins</td>
<td>$4,500</td>
<td>Pt count: 31</td>
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<tr>
<td>Cury</td>
<td><strong>Losartan Effects on Emphysema Progression (LEEP)</strong></td>
<td>3/2019 - present</td>
<td>John Hopkins</td>
<td>$1,180</td>
<td>Pt count: 8</td>
</tr>
<tr>
<td>Cury</td>
<td><strong>Improving medication adherence with telehealthcare medication therapy management to change health outcomes in adolescents and young adults with asthma</strong></td>
<td>2018 - present</td>
<td>John Hopkins</td>
<td>$535pp</td>
<td>Pt count: 0</td>
</tr>
<tr>
<td>Cury</td>
<td><strong>A Multicenter, Randomized, Double-blind, Chronic-dosing, Parallel-group, Placebo-controlled Phase 3 Study to Evaluate the Efficacy and Safety of Benralizumab 100 mg in Patients with Moderate to Very Severe Chronic Obstructive Pulmonary Disease (COPD) with a History of Frequent COPD Exacerbations and Elevated Peripheral Blood Eosinophils (RESOLUTE)</strong></td>
<td>1/2020 – present</td>
<td>AstraZenca</td>
<td>$26,500.00</td>
<td>Pt count: 1</td>
</tr>
<tr>
<td>Seeram</td>
<td><strong>Uptravi® (SellexiPag): The users dRUG rEGISTRY</strong></td>
<td>11/2017 - present</td>
<td>Actelion</td>
<td>$6,500</td>
<td>Pt count: 6</td>
</tr>
<tr>
<td>Seeram</td>
<td><strong>An Open-Label Extension study of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease</strong></td>
<td>11/2017 - present</td>
<td>United Therapeutics</td>
<td>$30,800</td>
<td>Pt count: 1</td>
</tr>
<tr>
<td>Najjar</td>
<td><strong>An open-label extension trial of the long-term safety of nintedanib in patients with Progressive Fibrosing Interstitial Lung Disease (PF-ILD)</strong></td>
<td>5/2019 - present</td>
<td>BI</td>
<td>$12,912</td>
<td>Pt count: 2</td>
</tr>
<tr>
<td>Jones</td>
<td><strong>A PHASE II, OPEN-LABEL, RANDOMIZED, MULTICENTER STUDY TO INVESTIGATE THE PHARMACODYNAMICS, HARMACOKINETICS, SAFETY, AND EFFICACY OF 8 mg/kg OR 4 mg/kg INTRAVENOUS TOCLIZUMAB IN PATIENTS WITH MODERATE TO SEVERE COVID-19 PNEUMONIA</strong></td>
<td>5/2020 - present</td>
<td>PPD</td>
<td>$43,000</td>
<td>Pt count: 1</td>
</tr>
<tr>
<td>Seeram</td>
<td><strong>A Phase 3, randomized, double-blind, placebo-controlled efficacy and safety of pamrevlumab in subjects with IPF</strong></td>
<td>3/2020 - present</td>
<td>FibroGen, Inc</td>
<td>$30,800</td>
<td>Pt count: 2</td>
</tr>
<tr>
<td>Ashby</td>
<td><strong>A Phase 3 Randomized, Double-Blind, Placebo-Controlled Trial To Evaluate The Efficacy And Safety Of PRM-151 In Patients With Idiopathic Pulmonary Fibrosis</strong></td>
<td>10/2020</td>
<td>F. Hoffmann-La Roche Ltd</td>
<td>$37,000</td>
<td></td>
</tr>
</tbody>
</table>
| Ashby | **Starscape - WA42294 – will start after 93**  
A Phase 3, Open-label extension study to Evaluate The Efficacy And Safety Of PRM-151 In Patients With Idiopathic Pulmonary Fibrosis | N/A | F. Hoffmann-La Roche Ltd | No budget yet |
| Cury | **Genotech – in budgeting & contracting**  
A PHASE IIb, RANDOMIZED, DOUBLE-BLIND, PLACEBOCONTROLLED, MULTICENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF ASTEGOLIMAB IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE | 3/2021 | Genetech | $29,500 |
| Louis | **Philips Respironics COPD - enrollment open**  
Determination of the Prevalence and Severity of Expiratory Flow Limitation in Chronic Obstructive Pulmonary Disease patients | 2/2018 | Philips | $7,500 Pt count: 47 |
| Hatoum | **REMAP COVID enrollment open**  
Embedded, Multifactorial Adaptive Platform trial for Community acquired (REMAP-CAP) | 4/2020 | REGENERON PHARMACEUTICALS | $3,000 Pt count: 0 |
| Jones | **Ravi – COVID - COVID board denied. enrollment closed before we could even start**  
Phase 3 Open-label, Randomized, Controlled Study to Evaluate the Efficacy and Safety of Intravenously Administered Ravulizumab Compared with Best Supportive Care in Patients with COVID-19 Severe Pneumonia, Acute Lung Injury, or Acute Respiratory Distress Syndrome | 7/2020 | Alexion Pharmaceuticals, Inc | $28,600 |
| Seeram | **TENTON - RIN-PF-301 – wrapping up contract with ORA**  
A Randomized, Double-blind, Placebo-controlled, Phase 3 Study of the Efficacy and Safety of Inhaled Treprostinil in Subjects with Idiopathic Pulmonary Fibrosis | 1/2021 | United Therapeutics | $23,600 |
| Cury | **Tobacco Heating System – on hold until ?** | 1/2020 | Icon | N/A |
| Jones | **BI 1199.0420 – on hold until ?**  
New phase IV study in patients (18 years and older) with early Diffuse Cutaneous Systemic Sclerosis associated Interstitial Lung Disease (dcSSc-ILD) on local standard of care. The study is scheduled to enroll from February 2021 until January 2023. | 7/2020 | BI | N/A |
| Jones | **PRM-151 – in the works**  
A Phase 3 Randomized, Double-Blind, Placebo-Controlled Trial To Evaluate The Efficacy And Safety Of PRM-151 In Patients With Idiopathic Pulmonary Fibrosis | 9/2020 | Pharmosa Biopharm | N/A |
Highlights

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

The Division continues to work with other training programs and the GME office at UFCOM-J in order to provide mentoring and teaching for many students and residents who are interested in our specialty. The current Rheumatology fellowship started with the first fellow, Jaspreet K Kaler in July 2018 who is in private practice in Washington State. Dr Zareen Vaghaiwalla graduated in June 2021 and will be starting private practice in Lake City, Florida. The Division has continued to be active in virtual ultrasound educational activities at the national and international level.

The backbone to our success is the loyal and hardworking staff at our clinics, hospital and administrative offices. During the COVID pandemic, faculty, fellows, clinic and administrative staff worked hard to rapidly adapt to virtual visit practices to allow continuity of care of patients.

Patient care: Despite the challenges posed by COVID 19, the Division increased clinical volume for the academic year. Patient encounters include, but are 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 Main Campus and UF North Campus, 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 and the rheumatology fellowship program was a major cornerstone in the growth and development of our academic program. The Division has successfully attained fellowship accreditation starting in July 2018. The fellowship provides a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound.

In the educational program of the University of Florida medical students and residents, Dr. Ramrattan, Dr. Thway, Dr. Ramsubeik and Dr. Kaeley participated in precepting clinics in rheumatology and delivered core curriculum lectures for the Internal Medicine Residency Program. Faculty members participated in internal medicine Grand Rounds and shared the knowledge as invited rheumatology speakers on a regular basis.

Due to the COVID pandemic, the annual CME Ultrasound course was not held. However, the division has remained active in virtual education at the national and international level. These efforts have included
presentations at national and international meetings as well as creation of training videos to be used on an international level.

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

**Research:** The Division has been growing its research enterprise. Although the Division is active in numerous pharmaceutical trials, its emphasis is to develop investigator-initiated trials as well as to seek grants. The division has a strong quality improvement program as well as collaboration with the Pharmacy department, which has resulted in poster presentations at the Annual Meeting of the American College of Rheumatology. The division has also started projects with the UF Health Emergency Department. The Division has collaborated with multiple national renowned researchers. Of note, the Division collaborated with University of Alabama to develop skills in meta-analysis resulting in a publication. The Division continues to collaborate with the University of California, Los Angeles Division of Rheumatology in a bi-center prospective trial of Tocilizumab in Rheumatoid Arthritis, utilizing Power Doppler as a secondary outcome measure. In addition, the Division has collaborations with the Women's Hospital, Toronto as well as University of Ottawa as part of an international effort to develop a musculoskeletal ultrasound enthesitis diagnostic tool. The Division has also been evaluating Medicare Expenditures for Musculoskeletal Ultrasound as well as drug utilization. The division had multiple poster presentations at the American College of Rheumatology virtual convergence meeting as well the EULAR (European League against Rheumatism) virtual meeting.

**LISTING OF FACULTY MEMBERS**

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

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

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

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

Manuscripts:


Kaler, J, Sheffield, S, Thway, M, Ramsubeik, K, Kaeley, G. Pyoderma Gangrenosum as a Presenting Feature of Undifferentiated Spondyloarthropathy with Erosive Inflammatory Arthritis. Case Reports in Rheumatology. 2020; 00:1-7

**Book Chapters:**


**Electronic Publication Monographs:**


**Web Based Electronic Learning Content:**

October 2020 - Present: Editor-in-Chief Dr. Earl Silverman speaks with the team behind the paper Imaging Techniques: Options for the Diagnosis and Monitoring of Treatment of Enthesitis in Psoriatic Arthritis. Catherine Bakewell, Sibel Zehra Aydin, Veena K. Ranganath (absent), Lihi Eder and Gurjit S. Kaeley discuss the importance of early identification and treatment of enthesitis in patients with PsA. Full paper: [https://doi.org/10.3899/jrheum.190512](https://doi.org/10.3899/jrheum.190512) [https://www.youtube.com/watch?v=YhGqlBpbPi8&feature=emb_logo](https://www.youtube.com/watch?v=YhGqlBpbPi8&feature=emb_logo).

August 2020 - Present: Group for Research and Assessment of Psoriasis and Psoriatic Arthritis (GRAPPA) musculoskeletal ultrasound videos:

a. Kaeley, GS. Ultrasound of Dorsal Wrist Joints
b. Kaeley, GS. Screening for Dorsal Tenosynovitis
c. Kaeley, GS. Evaluating the Volar Finger for Tenosynovitis
d. Kaeley, GS. Evaluating Dorsal Knee Recesses
e. Kaeley, GS. Dorsal Toe Synovitis Evaluation


UF Canvas Electronic Learning Management System for Rheumatology Fellowship:


2013 – 2020: Kaeley GS, Musculoskeletal Ultrasound CME Pre-Course Module. (CME provided by Suwanee Area Health Education Centers (AHEC).

**Abstracts Presented:**


Activities and Presentations:


Kaeley, G. From Ps to PsA: Diagnostic and Prognostic Value of Inflammation Detected by US Including the New GRAPPA Score. (De Ps a PsA: valor diagnóstico y pronóstico de la inflamación detectada por la US incluyendo el nuevo score Grappa.) Pan American Congress of Rheumatology (PANLAR) 2020. Virtual Format. September 2020.


Thway, M. Crystal Induced Arthropathy. Myanmar Medical Professional Global Association and MedGrow Education Virtual Meeting July 2020

Kaler, J, Vaghaiwalla, Z, Kaeley, G, & Thway, M. Mortality with Idiopathic Inflammatory Myositis in an Academic Hospital Setting: A Five-year Retrospective. Duval County Medical Society’s Annual Meeting 2020


**CLINICAL ACTIVITIES**

<table>
<thead>
<tr>
<th></th>
<th>AY 20/21</th>
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<tbody>
<tr>
<td><strong>Inpatient Activity</strong></td>
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</tr>
<tr>
<td>Initial Inpatient Encounters</td>
<td>122</td>
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<tr>
<td><strong>Outpatient Activity</strong></td>
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<tr>
<td>Clinic Visits</td>
<td>7219</td>
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<tr>
<td>US, extremity, nonvascular</td>
<td>667</td>
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</table>

**CONTRACTS AND GRANTS**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaeley, G</td>
<td>Phase 3B/4 Randomized Safety Endpoint Study Of 2 Doses Of Tofacitinib In Comparison To A Tumor Necrosis Factor (TNF) Inhibitor In Subjects With Rheumatoid Arthritis</td>
<td>7/5/14 - 2021</td>
<td>Pfizer</td>
<td>$79,783.20</td>
</tr>
<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>Abvvie</td>
<td>$318,649.29</td>
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<tr>
<td>Kaeley, G</td>
<td>A Multicenter, Double-blind, Long Term Extension Study to Assess the Safety and Efficacy of Filgotinib In Subjects with Rheumatoid Arthritis (FINCH-4)</td>
<td>4/12/18 - Present</td>
<td>Gilead</td>
<td>$288,920.00</td>
</tr>
<tr>
<td>Kaeley, G</td>
<td>A 52-week, phase 3, multicentre, randomised, double blind, efficacy and safety study comparing GSK3196165 with placebo and with tofacitinib, in combination with methotrexate in participants with moderately to severely active rheumatoid arthritis who have an inadequate response to methotrexate.</td>
<td>10/24/19 - 2021</td>
<td>GSK</td>
<td>$120,605</td>
</tr>
<tr>
<td>Kaeley, G</td>
<td>A 24-week, phase 3, multicentre, randomised, double-blind, efficacy and safety study, comparing GSK3196165 with placebo and with sarilumab, in combination with conventional synthetic DMARDs, in participants with moderately to severely active rheumatoid arthritis who have an inadequate response to biological DMARDs and/or Janus Kinase inhibitors.</td>
<td>1/30/20 - Present</td>
<td>GSK</td>
<td>$77,610</td>
</tr>
<tr>
<td>Kaeley, G</td>
<td>The Diagnostic Ultrasound Enthesitis Tool (DUET) Study</td>
<td>10/23/20 – Present</td>
<td>GRAPPA</td>
<td>$6,150</td>
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