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COLLEGE OF MEDICINE • JACKSONVILLE



DEPARTMENT OF MEDICINE ANNUAL REPORT

2022 | 2023

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STATEMENT FROM THE CHAIR
ACADEMIC YEAR 2023 (7/22 - 6/23)

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 2022 through June 2023. The following is a brief description of the departmental accomplishments for the past year.

Patient care: The Department had another exceptionally productive year. Clinical volumes in all disciplines were strong and allowed the Department to finish the year with a profit of \$436,619 compared to the projected bottom line loss of \$1,216,928 with a positive variance to the budget of \$1,653,547. The clinical excellence of the faculty was coupled with continued improvements in clinical operations. Our goal is to continue to provide the kind of care for patients that we would want for our family members.

Education: The Department continues to excel in its mission of educating students and residents. The Internal Medicine Clerkship was awarded the Golden Apple Award that is selected by the graduating medical students to honor the best clinical clerkship during their 3rd and 4th years. There were 27 faculty members in the Department who received the Exemplary Teacher Award. Our residents in the core Internal Medicine program continue to achieve 100% Board pass rate. Every Division within the Department continued to offer Continuing Medical Education programs.

Research: The Department had a productive year in research. There were 191 peer-reviewed publications and the Faculty made over 120 national and regional presentations. During the academic year 2023, there were 24 funded investigators with 67 funded projects. The scholarly productivity of the house staff remained high with 140 published manuscripts and presentations at regional/national meetings.

The Department of Medicine continues to excel in every aspect of the academic mission. It is an honor and a privilege 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 2023 (7/22 - 6/23)

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

Dominick Angiolillo, M.D.

Endocrinology, Diabetes and Metabolism

Kent R. Wehmeier, M.D.

Gastroenterology

Peter Ghali, M.D.

General Internal Medicine

Jeffrey House, D.O.

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

Mehdi S. Mirsaeidi, 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 - 2**

Sebastian Mikulic, DO
Spencer Streit, DO

Housestaff I – 23

Avni Agrawal, DO
Thompson Antony, MD
Landen Burstiner, DO
Nicholas Colaluca, MD
Manali Desai, DO
Junaid Essa, DO
Weibo Fu, MD
Ansley Grogan, DO
Samantha Isern, MD
Rochelle Kinssies, DO
Tara Kronen, DO
Loruanma Lam, DO
Timothy Lassester, DO
Ashley Lefebvre, DO, MPH, PharmD
Christopher Marsalisi, DO
Margaret MCGovern-Poore, DO
Braeden Moody, MD
Falguni Patel, DO
Oshin Rai, DO
Jacob Robinson, DO
Natalie Shaykh, DO
Jake Tenewitz, MD
Vanshika Tripathi, DO

Housestaff II – 15

Adefemi Adeyemo, MD
Kylie Alberts, DO
Steven Badami, MD
Kimberly Boldig, DO
Pranitha Chekka, DO
Tanya Deol, MD
Andrew Flint, DO
Mike Ghobrial, DO
Emma Griffith, DO
Hui Jun Guo, DO
Sharif Hussein, MD
Abhinav Karan, MD
Amy Kiamos, DO
Azeem Rathore, DO
Layton Wiemer, DO

Medical School

Lake Erie College of Osteopathic Medicine, Bradenton
Nova Southeastern University College of Osteopathic Medicine

Medical School

Lake Erie College of Osteopathic Medicine, Bradenton
FIU Herbert Wertheim College of Medicine
Nova Southeastern University College of Osteopathic Medicine
Chicago Medical School, Rosalind Franklin Univ of Medicine & Science
Philadelphia College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Medical College of Georgia
Alabama College of Osteopathic Medicine
St. George's University School of Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Pacific Northwest Univ HSC College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Lake Erie College of Osteopathic Medicine, Bradenton
Alabama College of Osteopathic Medicine
Philadelphia College of Osteopathic Medicine
Lincoln Memorial University DeBusk College of Osteopathic Medicine
University of Texas Medical School at San Antonio
Alabama College of Osteopathic Medicine
Nova Southeastern University College of Osteopathic Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
Edward Via College of Osteopathic Medicine, Auburn Campus
University of Central Florida College of Medicine
Philadelphia College of Osteopathic Medicine

Medical School

Ross University School of Medicine
Philadelphia College of Osteopathic Medicine
St. George's University School of Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
University of Pikeville Kentucky College of Osteopathic Medicine
St. George's University School of Medicine
Nova Southeastern University College of Osteopathic Medicine
Edward Via College of Osteopathic Medicine, Carolinas Campus
Edward Via College of Osteopathic Medicine, Carolinas Campus
Lake Erie College of Osteopathic Medicine, Bradenton
American University of Antigua College of Medicine
Univ of the West Indies Faculty of Medicine St. Augustine, Trinidad
Edward Via College of Osteopathic Medicine, Carolinas Campus
Lake Erie College of Osteopathic Medicine, Bradenton
Alabama College of Osteopathic Medicine

Housestaff III – 13

Zachary Chandler, DO
 Ryan Coultas, DO
 Cameron Kahn, DO
 Reshmi Mathew, DO
 Swetha Nuthulaganti, DO
 Melissa Oye, DO
 Shaorinkumar Patel, DO
 Stephanie Rothweiler, MD
 Radhika Sharma, DO
 Raj Shukla, DO
 Natalie Torrente, DO
 Marcos Valentin Rentas, MD
 Yixin Zhang, MD

Subspecialty Fellow – Housestaff IV - 23

Qassem Abdelal, MD – Pulmonary Critical Care
 Aleem Ali, MD – Gastroenterology
 Pedro Adrover-Lopez, MD – Cardiac EP
 Heiba Belal, MD – Endocrinology
 Leela Boppana, MD – Pulmonary Critical Care
 Michelé Brandon, DO – Infectious Disease
 Kareen Champagne, MD – Endocrinology
 Sarah Chiu, MD – Cardiology
 Kayla DeSuza, DO – Hematology Oncology
 Anh Do, DO – Cardiology
 Mohamed Elmasry, DO – Gastroenterology
 Christopher Izzo, DO – Pulmonary Critical Care
 Fadi Kandah, DO – Cardiology
 Ikwinder Preet Kaur, MD – Rheumatology
 Maelynn La, MD – Cardiology
 Najj Maaliki, MD – Cardiology
 Leyla Fowe Makue, MD – Cardiology
 Jennifer Miatech, MD – Hematology Oncology
 Abhigyan Mukherjee, MD – Int. Cardiology
 Ali Rawabdeh, MD – Nephrology
 Edin Sadic, MD – Int. Cardiology
 Laura Suarez, MD – Gastroenterology
 Ashraf Suliman, MD – Nephrology

Subspecialty Fellow – Housestaff V - 20

Violeta Alvarez Retamales, MD – Nephrology
 Denis Asimwe, MD - Infectious Disease
 Barrett Attarha, DO – Gastroenterology
 Jennifer Batch Joudi, MD – Endocrinology
 Anamarys Blanco Fernandez, MD – Cardiology
 Kai Chen, MD – Cardiology
 Gregory Churchill, DO – Gastroenterology
 Osama Elhilali, MD – Nephrology
 Julien Feghaly, MD, MPH – Cardiology
 Anupriya Ganguly, MD – Cardiology
 Lauren Graham, MD – Endocrinology
 William Kogler, DO – Cardiology
 Nithya Krishnan, MD - Hematology Oncology
 Rabia Mazhar, MD - Pulmonary/Critical Care
 Michael Omar, MD – Cardiology
 Lilian Otalora Rojas, MD – Rheumatology
 Bijal Patel, DO - Pulmonary/Critical Care
 Hamel Patel, DO - Pulmonary/Critical Care
 Anthony Stack II, DO - Hematology Oncology
 Ele Wu, DO - Cardiac EP

Medical School

Pacific Northwest Univ College of Osteopathic Medicine
 Edward Via College of Osteopathic Medicine, Virginia Campus
 Edward Via College of Osteopathic Medicine, Carolinas Campus
 Philadelphia College of Osteopathic Medicine, Georgia Campus
 Lake Erie College of Osteopathic Medicine, Bradenton
 West Virginia School of Osteopathic Medicine
 Burrell College of Osteopathic Medicine
 St. George's University 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

Ross University School of Medicine
 Univ. of the West Indies Faculty of Medicine St. Augustine, Trinidad
 Ponce School of Medicine and Health Sciences
 University of Queensland School of Medicine
 Univ. of the West Indies Faculty of Medicine St. Augustine, Trinidad
 Lincoln Memorial University DeBusk College of Osteopathic Medicine
 St. George's University School of Medicine
 Frank H. Netter MD School of Medicine at Quinnipiac University
 Edward Via College of Osteopathic Medicine, Auburn Campus
 Marian University College of Osteopathic Medicine
 Ohio University Heritage College of Osteopathic Medicine
 Lake Erie College of Osteopathic Medicine, Bradenton
 Lake Erie College of Osteopathic Medicine, Bradenton
 Guru Gobind Singh Medical College
 University of South Alabama College of Medicine
 LAU Gilbert and Rose-Marie Chagoury School of Medicine
 University of Cincinnati College of Medicine
 American University of the Caribbean School of Medicine
 University of Pittsburgh School of Medicine
 University of Jordan Faculty of Medicine
 USF Health Morsani College of Medicine
 Cebu Institute of Medicine
 Poznan University of Medical Sciences, Faculty of Medicine I

Medical School

Universidad Central del Caribe School of Medicine
 Makerere University School of Medicine
 Philadelphia College of Osteopathic Medicine
 Universidad Francisco Marroquín Facultad de Medicina
 Pontificia Universidad Católica Madre y Maestra (PUCMM)
 Florida State University College of Medicine
 University of New England College of Osteopathic Medicine
 University of Khartoum Faculty of Medicine
 St. George's University of London
 Sidney Kimmel Medical College at Thomas Jefferson University
 Ross University School of Medicine
 Lincoln Memorial University DeBusk College of Osteopathic Medicine
 American University of the Caribbean School of Medicine
 Punjab Medical College
 Univ. of the West Indies Faculty of Medicine, Trinidad & Tobago
 Pontificia Universidad Javeriana Facultad de Medicina
 Philadelphia College of Osteopathic Medicine
 Lake Erie College of Osteopathic Medicine, Bradenton
 Lake Erie College of Osteopathic Medicine, Bradenton
 Touro College of Osteopathic Medicine

Subspecialty Fellow – Housestaff VI - 9

Kerolos Abadeer, MD – Gastroenterology
Thaer Ahmad Musa, MD – Cardiology
Oyindamola Akinjogbin, MD – Cardiology
Kevin Green, MD – Pulmonary Critical Care
Sonal Jadeja, DO, MS – Gastroenterology
Kevin Liu, MD – Cardiology
Okechukwu Mgbemena, MD – Cardiology
Jose Rivas Rios, MD – Cardiology
Peter Staiano, DO – Pulmonary Critical Care

Medical School

Ain Shams University Faculty of Medicine
St. George's University School of Medicine
Lagos State University College of Medicine
Ross University School of Medicine
Lake Erie College of Osteopathic Medicine, Bradenton
FIU Herbert Wertheim College of Medicine
University of Alabama School of Medicine
Universidad del Zulia Facultad de Medicina
Edward Via College of Osteopathic Medicine, Virginia Campus

GRADUATE MEDICAL EDUCATION
ACADEMIC YEAR 2023 (7/22 – 6/23)**Highlights**

The program continues to be successful 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 as six of our graduates matched to programs in the subspecialties of cardiology, gastroenterology, pulmonary/critical care, and hematology/oncology. One matched at Emory for hematology/oncology fellowship. One pursued academics at Mayo Clinic in Jacksonville. Others have pursued hospital medicine and clinical practice in the Southeast region of the country.

The class of 2023 was successful on the American Board of Internal Medicine examination achieving a 92% 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 that include UWorld Question Databank for the senior residents and the Rosh Review board preparation software every Friday afternoon, in addition to high-quality clinical training.

Chief Medical Residents, Drs. Mikulic and Streit continued to build on the strong foundation of 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 lectures in Morning Report, clinical bedside training using Butterfly ultrasounds, and hands-on training in the Center for Simulation Education and Safety Research (CSESar).

With the growth of the internal medicine program came the opportunity to recruit three administrative chief residents. Starting in the 2023-24 academic year the program will have its first cohort with three chief residents. These chiefs will not only have the usual academic, clinical, and research responsibilities but will also be able to have oversight in specific niches. These specific domains will be QI/Patient Safety, resident scholarly activity, and the ambulatory experience. The goal is to advance these areas in a more meaningful way for our trainees.

The residents presented to local conferences the Duval County Medical Society Annual Meeting and the UF College of Medicine Research Day in Jacksonville. Presentations were made at regional conferences that included the Florida Chapter of the American College of Physicians Meetings, the American Federation for Medical Research Southeastern Region, and Southern Regional Meeting. Residents also presented at prestigious national conferences such as the American College of Cardiology, American College of Gastroenterology, National Comprehensive Cancer Network Annual Conference, and the American College of Chest Physicians.

The program has made curricular changes in the resident continuity clinic setting. Specifically, we have started case-based modules that are reviewed and discussed in regularly scheduled small-group didactics. The preliminary intern experience has been improved for those who will be entering UFCOM-Jacksonville ophthalmology advanced training programs in their subsequent years. These interns will now have up to three months of ophthalmology during their internship to meet the new ACGME requirements for ophthalmology training.

The ultrasound training program lead by the chief medicals residents and faculty, Drs. Verdecia and Aung, continues to grow with more dynamic experiences for our residents. The utilization of Point of Care Ultrasound (POCUS) increased with the Butterfly handheld ultrasounds in the inpatient and outpatient settings. The continuity experience has been enhanced to incorporate afternoon didactics using PEAC modules.

The medical student experience in the department has continued to thrive with Dr. Elisa Sottile as the assistant dean for medical education for the Jacksonville campus and the medicine department clerkship director. Dr. Stemboroski has joined the team as the assistant clerkship director for the department. They both meet with each student individually, providing performance feedback as well as guiding them on self-reflection and growth plans. The clerkship continues to grow in terms of the number of students coming from other medical schools to do elective rotations. These students rotate on services of internal medicine, inpatient cardiology, MICU, endocrinology, infectious disease, and nephrology. Many of these students interviewed with us for residency and eventually matched with us.

The program continues to flourish thanks to the support of the Department and the dedication of our staff, faculty, and trainees.

Medical Education Programs Leadership



Jeff House, DO, Professor, Associate Chair of Education & Quality Improvement, and Program Director

Medical School	Nova Southeastern University College of Osteopathic Medicine	1997
Rotating Internship	Broward General Hospital	1998
Internship, Residency, and Chief Medical Resident	University of Florida Jacksonville	2001



Carlos Palacio, MD, Professor, Associate Program Director

Medical School	University of Miami, Miller School of Medicine	1993
Internship and Residency	University of Florida Jacksonville	1996
Chief Medical Resident	University of Florida Jacksonville	1997



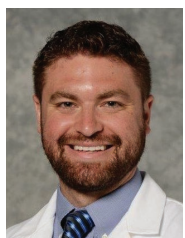
Elisa Sottile, MD, Associate Professor, Associate Program Director, & Clerkship Director

Medical School	Temple University, Lewis Katz School of Medicine	1993
Internship and Residency	Graduate Hospital, Philadelphia, PA	1996
Chief Medical Resident	Graduate Hospital, Philadelphia, PA	1997



Lauren Stemboroski, DO, Assistant Professor, Assistant Clerkship Director

Medical School	Lake Erie College of Osteopathic Medicine, Bradenton	2014
Internship and Residency	University of Florida Jacksonville	2017
Chief Medical Resident	University of Florida Jacksonville	2018



Sebastian Mikulic, DO, Post-Doctoral Associate and Chief Resident

Medical School	Lake Erie College of Osteopathic Medicine, Bradenton	2019
Internship and Residency	University of Florida Jacksonville	2022
Chief Medical Resident	University of Florida Jacksonville	2023



Spencer Streit, DO, Post-Doctoral Associate and Chief Medical Resident

Medical School	Nova Southeastern University College of Osteopathic	2019
Internship and Residency	Medicine	
Chief Medical Resident	University of Florida Jacksonville	2022
	University of Florida Jacksonville	2023

HONORS AND AWARDS

Junaid Essa, DO	Intern of the Year
Zachary Chandler, DO	Senior Resident of the Year
Peter Staiano, DO	Fellow of the Year
Walter Quan, MD	Teacher of the Year
Natalie Shaykh, DO	Best Conference Attendance
Radhika Sharma, DO	Procedure Completion Award
Zachary Chandler, DO	ACP Resident of the Year
Yixin Zhang, MD	Malcolm T. Foster, Jr., MD Scholarship Award
Stephanie Rothweiler, MD	Ann Harwood-Nuss Resident Advocate Award
Cameron Kahn, DO	UF College of Medicine Exemplary Teachers Award
Zachary Chandler, DO	Edward Jelks Outstanding Resident Clinician Award, Finalist
Cameron Kahn, DO	Rosilie O. Saffos Outstanding Resident Teacher Award, Finalist
Zachary Chandler, DO	UF College of Medicine Excellence in Student Education Award, Finalist

Drs. Aung, Catanzaro, Chehade, Cury, Esmail, Gandhi, Ghali, Gharia, Haas, Harrison, Isache, Jacobs, Jaikaransingh, Louis, Masri, Missov, Patel, Quan Jr., Reddy, Ribeiro, Sands, Sattiraju, Seeram, Soffer, and Sottile 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 2023 DESTINATIONS

<u>Chief Medical Residents</u>	<u>Professional Status</u>	<u>Location</u>
Sebastian Mikulic, DO	Pulmonary/Critical Care Fellowship	Mayo Clinic Jacksonville, FL
Spencer Streit, DO	Hematology Oncology Fellowship	Memorial Hospital, Hollywood, FL
<u>Preliminary Residents</u>	<u>Professional Status</u>	<u>Location</u>
Thompson Antony, MD	Radiology Residency	Larkin Hospital, Miami, FL
Nicholas Colaluca, MD	Ophthalmology Residency	University of Florida Jacksonville
Manali Desai, DO	Neurology Residency	University of Florida Jacksonville
Junaid Essa, DO	Neurology Residency	University of Florida Jacksonville
Weibo Fu, MD	Radiology Residency	University of Florida Jacksonville
Rochelle Kinssies, DO	Neurology Residency	University of Florida Jacksonville
Ashley Lefebvre, DO	Neurology Residency	University of Florida Jacksonville
Braeden Moody, MD	Ophthalmology Residency	University of Florida Jacksonville
Jacob Robinson, DO	Radiology Residency	University of Florida Jacksonville
Jake Tenewitz, MD	Radiation Oncology Residency	MUSC, Charleston, South Carolina
<u>Categorical Residents</u>	<u>Professional Status</u>	<u>Location</u>
Zachary Chandler, DO	Chief Medical Resident	University of Florida Jacksonville
Ryan Coultas, DO	Hospitalist	Prisma Health Baptist, Easley, SC
Cameron Kahn, DO	Chief Medical Resident	University of Florida Jacksonville

Reshmi Mathew, DO	Gastroenterology Fellowship	University of Florida Jacksonville
Swetha Nuthulaganti, DO	Cardiology Fellowship	University of Florida Jacksonville
Melissa Oye, DO	Hematology Oncology Fellowship	Emory University, Atlanta, GA
Shaorinkumar Patel, DO	Hospitalist	Atrium Health Floyd MC, Rome, GA
Stephanie Rothweiler, MD	Chief Medical Resident	University of Florida Jacksonville
Raj Shukla, DO	Hospitalist	Southeast US Region
Natalie Torrente, DO	Academic Hospitalist	Mayo Clinic Jacksonville, FL
Marcos Valentin Rentas, MD	Pulmonary Critical Care Fellowship	University of Florida Jacksonville
Yixin Zhang, MD	Cardiology Fellowship	University of Florida Jacksonville

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36. Karan A, Kiamos A, Stack A, Gharia B. Pancreatic herniation: a large pancreatic mass concealed within the intrathoracic cavity. *BMJ Case Rep*. 2022;15(7):e251039.
37. Karan A, Guo HJ, Winer A, Ghobrial M, Sharma R, Reddy P. A Stroke of Luck: Central Diabetes Insipidus Unmasked by a Heat Stroke. *Cureus*. 2022;14(10):e30768.
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40. Kiamos A, Torrente N, Sands M, Verdecia J. Right hip gonococcal septic arthritis treatment with successful transition to oral fluoroquinolone. *BMJ Case Rep*. 2022;15(9):e251050.
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42. Sharma R, Attarha B, Rechcigl K, Aung WM. Spontaneous Page Kidney as a Complication of a Pancreatic Pseudocyst. *ACG Case Rep J*. 2022;9(7):e00831.
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45. Zhang Y, Oye M, Omar M. COVID-19 Infection: A Sparked Ignition to a Thrombotic Storm. *Cureus*. 2022;14(7):e27038.
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Published abstracts

1. Karan A, Chen K, Nuthulaganti S, et al. Deep in the well: Wellen's syndrome in a postpartum patient presenting with epigastric pain. *J Am Coll Cardiol*. 2023 Mar, 81 (8_Supplement) 3322. [https://doi.org/10.1016/S0735-1097\(23\)03766-X](https://doi.org/10.1016/S0735-1097(23)03766-X)
2. Karan A, Guo H, Grogan A, et al. Pembrolizumab induced pericardial tamponade. *J Am Coll Cardiol*. 2023 Mar, 81 (8_Supplement) 3509. [https://doi.org/10.1016/S0735-1097\(23\)03953-0](https://doi.org/10.1016/S0735-1097(23)03953-0)
3. Karan A, Kogler W, Adeyemo A, et al. Purulent tamponade: a large empyema presenting as cardiac tamponade. *J Am Coll Cardiol*. 2023 Mar, 81 (8_Supplement) 2672. [https://doi.org/10.1016/S0735-1097\(23\)03116-9](https://doi.org/10.1016/S0735-1097(23)03116-9)
4. Nuthulaganti S, Karan A, Isern S, et al. Torsades de Takotsubo: cardiomyopathy induced torsades de pointes?. *J Am Coll Cardiol*. 2023 Mar, 81 (8_Supplement) 2818. [https://doi.org/10.1016/S0735-1097\(23\)03262-X](https://doi.org/10.1016/S0735-1097(23)03262-X)
5. Zhang Y, Omar M, Alberts K, et al. Formation of a massive pseudoaneurysm after prolonged inflammatory insult. *J Am Coll Cardiol*. 2023 Mar, 81 (8_Supplement) 3972. [https://doi.org/10.1016/S0735-1097\(23\)04416-9](https://doi.org/10.1016/S0735-1097(23)04416-9)
6. Chandler Z, Kiamos A, Staiano P, Najjar N. Distributive shock due to posterior fossa bleeding in a patient with cardiogenic shock. *CHEST*, 162(4), A1057.
7. Chandler Z, Ghobrial M, Rothweiler S, Patel B, Seeram. Airway, Breathing, and Contact Lenses: Severe Corneal Ulcer and Bacterial Keratitis in an Intubated Contact Lens Wearer. *CHEST*, 162(4), A1496-A1497.
8. Chandler Z, Patel B, Adeyemo A, Seeram V. Severe Thrombocytopenia due to Electron-Beam Polysulfone Dialyzer Membrane Reaction Masquerading as Chronic Immune Thrombocytopenic Purpura. *CHEST*, 162(4), A1051-1052.
9. Chandler Z, Patel H, Cury J. Spiculated Lung Nodule: An Unusual Presentation of Chronic Pulmonary Aspergillosis. *CHEST*, 162(4), A535.
10. Rothweiler S, Badami S, Patel B, Seeram V, Awad A. Small vessels, big problems: microscopic polyangiitis presenting as diffuse alveolar hemorrhage. *CHEST*, 162(4), A2219.
11. Flint A, Attarha B, Rahman SH, Schey R. Cocaine-Induced Esophageal Necrosis: A Rare Cause of Esophageal Stricture. *American Journal of Gastroenterology*. 117. e1540-e1540. 10.14309/01.ajg.0000865784.46830.23.
12. Streit S, Mathew R, Ali A, Jadeja S, Stemboroski L. PALB2 and the Risk for Colorectal Cancer. *American Journal of Gastroenterology*. 117. e1428-e1428. 10.14309/01.ajg.0000865024.22974.0f.
13. Sharma R, Chandler Z, Karan A, Deol T, Ribeiro B. Dysphagia: An Unusual Primary Presentation of Non-Small Cell Lung Cancer. *American Journal of Gastroenterology*. 117. e1549-e1550. 10.14309/01.ajg.0000865844.30628.45.
14. Sharma R, Karan A, Calvert J, Attarha B, Abadeer Kerolos, Ghali M. Spill the Beans: A Rare Case of Late-Presenting Bean Syndrome. *American Journal of Gastroenterology*. 117. e1757-e1758. 10.14309/01.ajg.0000867280.12570.1d.
15. Sharma R, Karan A, Patel S, Ribeiro B. A Deceptive Diagnosis: Gastric Outlet Obstruction in the Setting of Disseminated Tuberculosis. *American Journal of Gastroenterology*. 117. e2201-e2201. 10.14309/01.ajg.0000870648.85921.2d.

Presentations

1. Kahn C. Deploying an opt-out HIV screening strategy during the annual wellness visit to improve HIV screening rates. Platform presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
2. Badami S. Real-world uptake and concordance of actionable genetic mutations between tissue NGS and liquid biopsy in oncology patients in a safety-net hospital: A single center analysis. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
3. Rathore A. An out-of-hospital cardiac arrest associated with early repolarization. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
4. Coultas R. Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) in diabetes mellitus: A diagnostic dilemma. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
5. Chandler Z. Acute hypercapnic respiratory failure following initiation of hemodialysis. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
6. Kronen T. Acute onset lactic acidosis secondary to linezolid. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
7. Patel S. A prolonged neurological presentation of legionnaires' disease. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
8. Zhang Y. Membranous Subaortic Stenosis Causing Recurrent Syncope. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
9. Desai M. Neurosarcoidosis Presenting as Panhypopituitarism and Optic Neuritis. Poster presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
10. Marsalisi C. An Interesting Cause of Acute Decompensated Heart Failure. Photo presentation at: University of Florida College of Medicine Jacksonville Research Day; Jacksonville, FL. June 2023.
11. Boldig K. Cardiac sarcoidosis presenting as hypertensive emergency. American Federation of Medical Research Southeastern Regional Mtg; Washington, DC. May 2023.
12. Kronen T. Novel approach using endoscopic mucosal resection in colorectal lateral spreading tumors to preserve fecal continence. Oral presentation at: American Federation of Medical Research Southeastern Regional Mtg; Washington, DC. May 2023.
13. Marsalisi, C. Paraneoplastic scleroderma syndrome: a case report of systemic sclerosis in the setting of pulmonary adenocarcinoma. Poster presentation at: American Federation of Medical Research Southeastern Regional Mtg; Washington, DC. May 2023.
14. Tenewitz J. New-onset heart failure caused by renal cell carcinoma with mass effect. Poster presentation at: American Federation of Medical Research Southeastern Regional Mtg; Washington, DC. May 2023.
15. Zhang Y. Poster presentation at: American Federation of Medical Research Southeastern Regional Mtg; Washington, DC. May 2023.
16. Boldig K. Predictors of delay for initial oncology referral and treatment at a safety-net hospital: a single center analysis. Poster presentation at: National Comprehensive Cancer Network Annual Conference; Orlando, FL. April 2023.
17. Karan A. Deep in the well: Wellen's syndrome in a postpartum patient presenting with epigastric pain. Poster presentation at: American College of Cardiology; New Orleans, LA. March 2023.
18. Karan A. Pembrolizumab induced pericardial tamponade. Poster presentation at: American College of Cardiology; New Orleans, LA. March 2023.
19. Karan A. Purulent tamponade: a large empyema presenting as cardiac tamponade. Poster presentation at: American College of Cardiology; New Orleans, LA. March 2023.
20. Nuthulaganti S. Torsades de Takotsubo: cardiomyopathy induced torsades de pointes? Poster presentation at: American College of Cardiology; New Orleans, LA. March 2023.

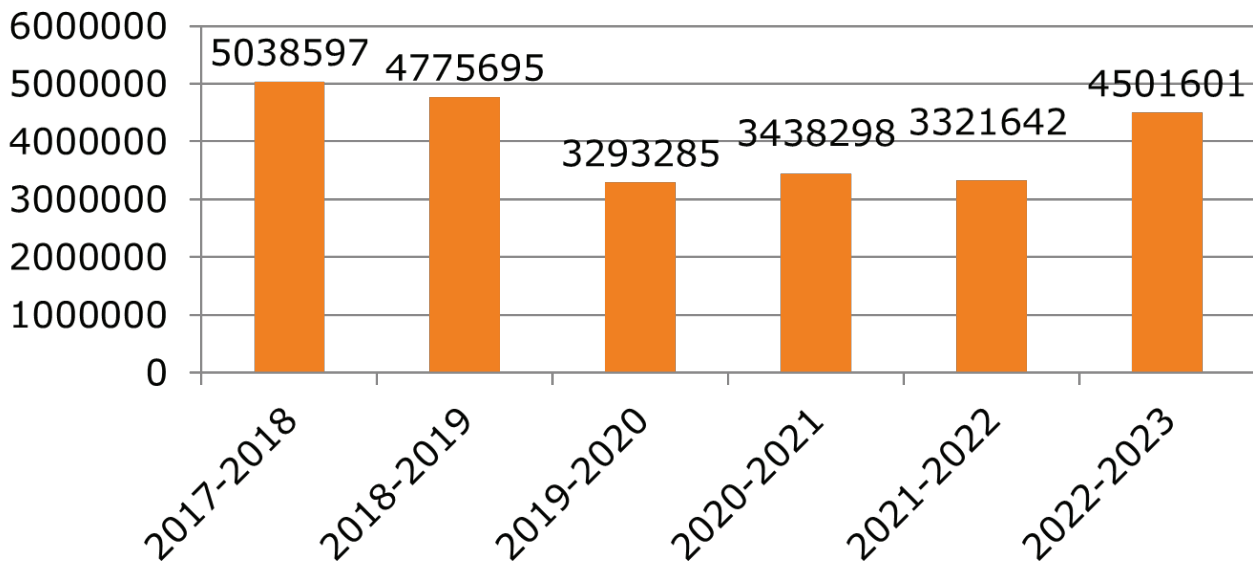
21. Zhang Y. Formation of a massive pseudoaneurysm after prolonged inflammatory insult. Poster presentation at: American College of Cardiology; New Orleans, LA. March 2023.
22. Adeyemo A. Urine trouble: Sjogren's syndrome presenting as distal renal tubular acidosis. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
23. Chekka P. A stiff outlook- oculogyric crisis caused by anti-emetics. Oral presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
24. Flint A. A difficult diagnosis to swallow - lingual tonsillar hypertrophy. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
25. Guo, H. It's pneumonia...it's fibrosis...it's pneumonitis! - the diagnostic conundrum of drug-induced interstitial lung disease. Oral presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
26. Kahn, C. Disseminated coccidioidomycosis and the associated mental health morbidity, a case report. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
27. Karan A. The Bard's curse: a rare cause of upper extremity weakness. Oral presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
28. Kiamos A. Pseudohyperphosphatemia in a patient with multiple myeloma. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
29. Kronen T. Gurvit's syndrome: a case of black esophagus. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
30. Torrente N. Gynecomastia with dasatinib use in chronic myeloid leukemia. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
31. Rathore A. Monkeypox-induced proctitis: a case report of an emerging complication. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
32. Rathore A. Successful response to corticosteroid therapy in newly diagnosed cardiac sarcoidosis with high-grade atrioventricular block in a middle-aged adult: a case report. Poster presentation at: Southern Regional Meeting; New Orleans, LA. February 2023.
33. Chandler Z. Distributive shock due to posterior fossa bleeding in a patient with cardiogenic shock. Oral presentation at: CHEST Annual Meeting; Nashville, TN. October 2022.
34. Chandler Z, Ghobrial M. Airway, breathing, and contact lenses: severe corneal ulcer and bacterial keratitis in an intubated contact lens wearer. Oral presentation at: CHEST Annual Meeting; Nashville, TN. October 2022.
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38. Flint A. Cocaine-Induced Esophageal Necrosis: A Rare Cause of Esophageal Stricture. Poster presentation at: American College of Gastroenterology Annual Meeting; Charlotte, NC. October 2022.
39. Mathew R. PALB2 and the Risk for Colorectal Cancer. Poster presentation at: American College of Gastroenterology Annual Meeting; Charlotte, NC. October 2022.
40. Sharma R. Dysphagia: An Unusual Primary Presentation of Non-Small Cell Lung Cancer. Poster presentation at: American College of Gastroenterology Annual Meeting; Charlotte, NC. October 2022.
41. Sharma R. Spill the Beans: A Rare Case of Late-Presenting Bean Syndrome. Poster presentation at: American College of Gastroenterology Annual Meeting; Charlotte, NC. October 2022.
42. Sharma R. A Deceptive Diagnosis: Gastric Outlet Obstruction in the Setting of Disseminated Tuberculosis. Poster presentation at: American College of Gastroenterology Annual Meeting; Charlotte, NC. October 2022.
43. Abhinav K. Thrombotic storm induced by rituximab in a patient with pemphigus vulgaris. Poster presentation at: Florida Chapter American College of Physicians; Fort Lauderdale, FL. September 2022.

44. Guo HJ. Poster presentation at: Florida Chapter American College of Physicians; Fort Lauderdale, FL. September 2022.
45. Rothweiler S. Poster presentation at: Florida Chapter American College of Physicians; Fort Lauderdale, FL. September 2022.

DEPARTMENT RESEARCH
ACADEMIC YEAR 2023 (7/22 - 6/23)

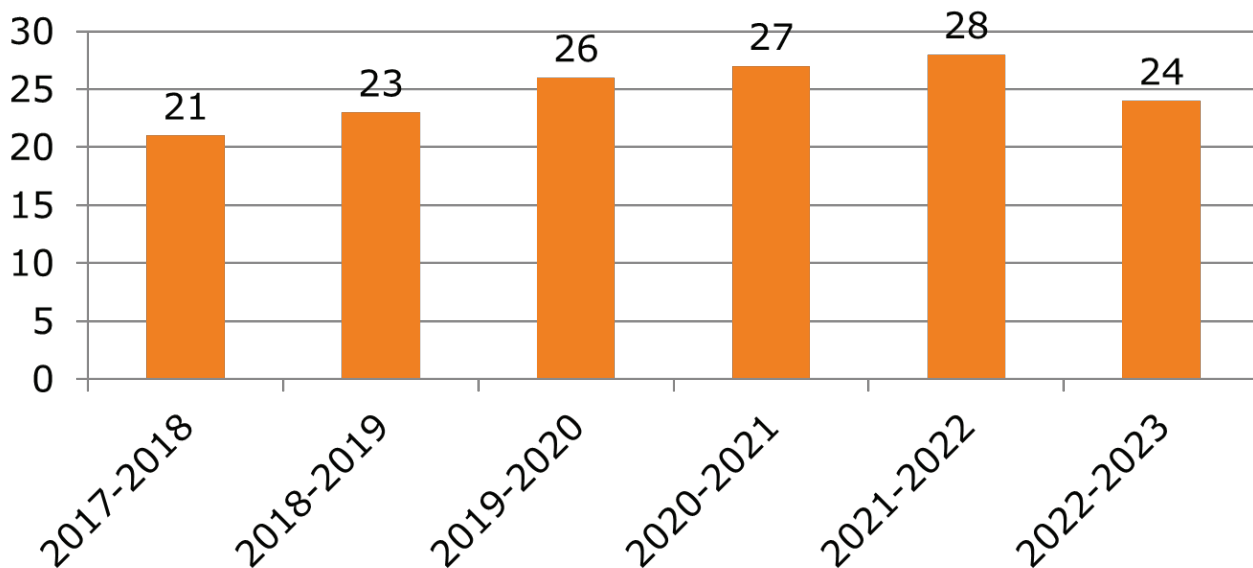
The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville core mission. Trends in external funding for fiscal year 2022-2023 and five prior years are shown in **Figure 1**.

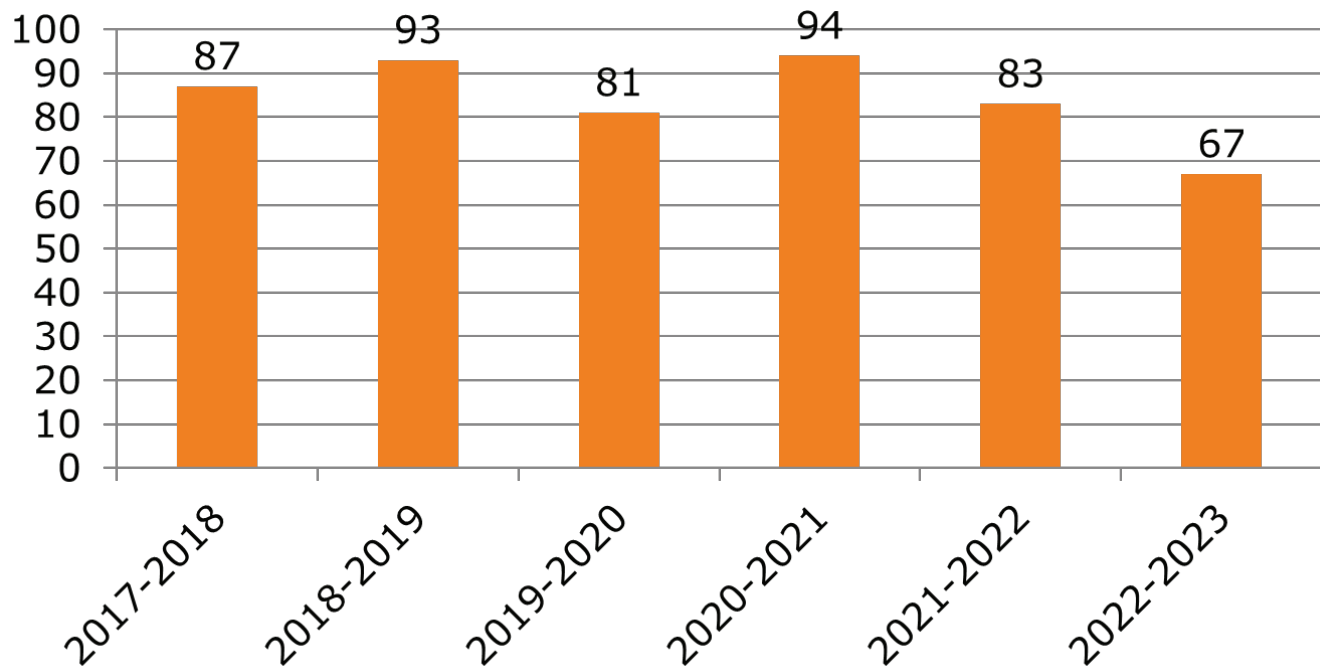
Total Grant Revenue



External funding from federal, state, industry, foundation and other sources increased 26% this fiscal year compared to last. There was a decrease in the number of funded investigators, from 28 investigators last fiscal year to 24 investigators this fiscal year (**Figure 2**). There was also a decrease in the number of funded projects; from 83 last year to 67 this fiscal year (**Figure 3**).

Funded Investigators





Several faculty members in the Department of Medicine have basic/translational science projects in the Medical Research Building. **Mehdi Mirsaiedi, M.D., M.P.H.**, (Pulmonary, Critical Care and Sleep Medicine) is starting and participating in prospective clinical trials in critical care medicine and in reducing medical errors, and optimizing end-of-life decisions. In basic science, Dr. Mirsaiedi and his group are isolating and characterizing specific lytic bacteriophage for treating drug resistant lung infections. **Michael Haas, Ph.D.**, (Endocrinology) is investigating molecular mechanisms regulating expression of genes involved in cholesterol transport and the integrated stress response in human coronary artery endothelial cells. **Charles Heilig, M.D.**, (Nephrology and Hypertension) is examining the effect of mechano-growth factor on glucose transporter 1 expression in kidney mesangial cells 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, epidemiological, and clinical research, as well as plan and conduct quality improvement projects. At the Celebration of Resident and Fellow Education and Research Awards on June 8th, 2023, **Dr. Zachary J. Chandler** was a finalist for the Student Education Award and the Edwards Jelks Outstanding Resident Award. **Dr. Cameron G. Kahn** and **Dr. Peter P. Staiano** were finalists for the Rosilie O. Saffos Outstanding Resident Teacher Award. **Dr. Kevin Liu** was a finalist and **Dr. Stephanie J. Rothweiler** was the winner of the Ann Harwood-Nuss Resident Advocate Award. **Dr. Ele Jia Kai Wu** was a finalist and **Dr. Kevin R. Green** was the winner of the Louis S. Russo Award for Outstanding Professionalism in Medicine. **Dr. Aleem Ali** won the photo contest and **Ms. Sonya Newsome** won the Denise T. West Outstanding GME Administration Award.

DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2023 (7/22 - 6/23)

Highlights

- Expansion of clinical faculty (n=3), including 2 non-invasive and 1 interventional cardiologist.
- Recruitment efforts for 2 additional non-invasive cardiologist and second CT surgeon for FY 24.
- Opened outpatient cardiology service at UF Deerwood
- Expanded outpatient 2D-echo facility (i.e., UF Deerwood) leading to increase in volume
- Expanded outpatient Vascular Imaging lab providing carotid ultrasound and vascular imaging/mapping (arterial and venous) of lower extremities with plan to expand activities at UF North and UF Deerwood
- Expansion of Cardiac Rehab program with new facility; rehab program have expanded to include heart failure and peripheral vascular disease patients, in addition to coronary artery disease patients.
- Expansion of Clinical Assistant Program
- Pilot scribe program for outpatient clinic metrics
- Started Cardio-Obstetrics program
- Started Cardiovascular Newsletter
- Expanded Cardiology Ground Round series

Education: The fellowship programs remain competitive. We had a very successful match filling all 6 positions with top tier candidates in our general fellowship program, 2 positions in interventional cardiology and 1 position in clinical cardiac electrophysiology.

Scholarly Activity: Our fellows had an exceptional year for scholarly activities acceptance into major regional and international venues. Several projects have been accepted to venues such as the American College of Cardiology, the American Heart Association and the European Society of Cardiology among others. Our fellows actively participate in research projects and quality improvement initiatives, which have been showcased on national platforms as well.

Subspecialty training and work placement:

Our graduates who seek further sub specialization continue to successfully match and pursue 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.

Our graduates who seek to enter the clinical work force continue to secure employment in very competitive practices.

Board Examination Performance

While this past year our cumulative 3-year board pass rate dropped to 81% due to external circumstances affecting two of our trainees, our fellows performed above average in the In-training Board Examination. Our cumulative 3-year board pass rate for interventional cardiology is 83% and for clinical cardiac electrophysiology is 100%.

We continue to provide a robust platform for learning and academic discussion.

Most of our didactic and academic exchanges have now returned to being in person, with the exception of Ground Round which remain virtual. The latter however has allowed to invite key opinion leaders from across the globe to present.

- Monday Morning Report – A case discussion format and mandatory meeting for all fellows to discuss important, challenging cases that present to CCU and/or consult service over the weekend or preceding week.

- Updated core curriculum lectures (weekly) on every cardiology discipline. Content and format is reviewed twice yearly by Education Committee
- Goals and objectives for every clinical and nonclinical rotation by program year level reviewed yearly by Education Committee.
- Active Cardiology Journal Club q 6 – 8 weeks
- Ongoing participation on Wellness/Well-Being initiatives for all faculty and fellows.
- Guest lecture faculty participating in our didactic conference sessions
- Hemodynamic simulation programs
- Transthoracic and Trans esophageal 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 and research day.
- General Cardiology, Interventional Cardiology and Clinical Cardiac Electrophysiology fellows participate in a variety of research opportunities in the division and present their work at research conferences and 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, interventional cardiology, echocardiography, and nuclear cardiology board review material
- Updated curriculum to include lectures on bias, discrimination, diversity and inclusion in partnership with the community engagement and diversity office and IDEA
- Modernization of schedule flow in high clinical demand areas (i.e., non-invasive laboratories)
- Simulation for leadless pacemakers and subcutaneous implantable cardiac defibrillators
- 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
- Updated core curriculum lectures on every cardiology discipline reviewed twice yearly by Didactic Curriculum Committee

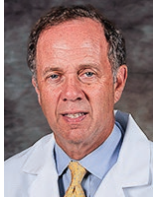
Research: Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have approximately 50 ongoing studies, which range from basic/translational research to large scale clinical trials in various areas of cardiovascular disease. These include investigator initiated as well as sponsored studies. We have published approximately 80 peer-reviewed manuscripts, several 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, from private and federal sources. Our research staff has also expanded with the addition of research OPS who assist with our research activities at our 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 & Chief; Medical Director Cardiovascular Center
 Medical School
 Professional Education – Ph.D.
 Internship/residency
 Subspecialty training

Catholic University of the Sacred Heart Medical School, Rome, Italy
 Catholic University of the Sacred Heart Medical School, Rome, Italy
 Catholic University of the Sacred Heart Medical School, Rome, Italy
 San Carlos University Hospital, Madrid, Spain



Theodore Bass, M.D., Professor
 Medical School
 Internship/residency
 Subspecialty training

Brown University
 Mayo Clinic
 Boston University



Clay Burnett, M.D.
 Medical School
 Internship/residency
 Subspecialty training
 Subspecialty training

East Carolina University
 University of South Florida College of Medicine
 St. Lukes Episcopal Hospital/Baylor College of Medicine
 Texas Heart Institute



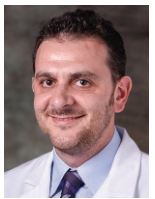
John Catanzaro, M.D., Associate Professor
 Medical School
 Internship/residency
 Subspecialty training
 Subspecialty training

State University of New York
 North Shore University Hospital
 North Shore University Hospital
 The John Hopkins Hospital – Cardiac Electrophysiology



Khadeeja Esmail, M.D., Assistant Professor
 Medical School
 Internship/residency
 Subspecialty training

Ross University School of Medicine, West Indies
 University of Florida College of Medicine-Jacksonville
 University of Florida College of Medicine-Jacksonville



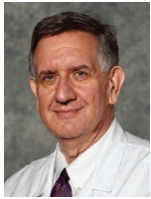
Francesco Franchi, M.D., Assistant Professor
 Medical School
 Subspecialty training

University of Modena and Reggio Emilia, Modena, Italy
 School of Cardiology, University of Modena and Reggio Emilia,
 Modena, Italy



Dinesh Kadariya, M.D., Assistant Professor
 Medical School
 Internship/residency
 Subspecialty training

Nalanda Medical College & Hospital, India
 Albert Einstein College of Medicine
 Virginia Commonwealth University Health System

**Stephen Keim, M.D., Assistant Professor**

Medical School
Internship/residency

Subspecialty training

Washington University School of Medicine
Barnes-Jewish Hospital/Washington University School of Medicine

University of Florida College of Medicine-Gainesville

**Madeline Mahowald, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training
Subspecialty training

The Warren Alpert Medical School of Brown University
University of Michigan Hospitals and Health Centers
Mayo Clinic
Abbott Northwestern Hospital

**Alan Miller, M.D., Professor**

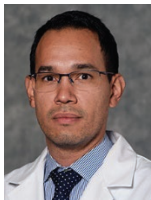
Medical School
Internship/residency
Internship/residency

University of Pittsburgh
Mount Sinai
George Washington University

**Emil Missov, M.D., Ph.D., Associate Professor**

Medical School
Internship/residency
Internship/residency
Subspecialty training

University of Plovdiv
University of Plovdiv
University of California San Francisco
University of Minnesota Medical School

**Luis Ortega Paz, M.D., PhD, Assistant Professor**

Medical School
Internship/residency
Subspecialty training

Universidad de Panama, Panama

University of Barcelona, Spain

**Andres Pineda Maldonado, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training
Subspecialty training

Subspecialty training

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

**Fabiana Rollini, M.D., Assistant Professor**

Medical School
Subspecialty training

University of Modena and Reggio Emilia, Modena, Italy
School of Cardiology, University of Modena and Reggio Emilia, Modena, Italy

**Srinivasan Sattiraju, M.D., Associate Professor**

Medical School
Internship/residency
Subspecialty training

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

**Daniel Soffer, M.D., Associate Professor**

Medical School
Internship/residency
Subspecialty training
Subspecialty training

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

**Siva Suryadevara, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training

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

**Prakash Gouthan B. Suryanarayana M.D., Assistant Professor**

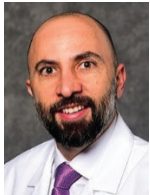
Medical School
Internship/residency
Subspecialty training
Subspecialty training

Kasturba Medical College, India
Maimonides Medical Center
University of Arizona College of Medicine
Hospital of the University of Pennsylvania

**Gladys Velarde, M.D., Professor**

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Internship/residency
Subspecialty training

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Columbia Presbyterian Medical Center
Boston University/Mount Sinai Hospital

**Carlos Zamora, M.D., Assistant Professor**

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Subspecialty training

Universidad Privada Del Valle, Bolivia
Mount Sinai Medical Center
Mount Sinai Medical Center

**Martin Zenni, M.D., Associate Professor**

Medical School
Internship/residency
Subspecialty training

University of Chicago
Tufts University
Harvard Medical School

**Thomas Zeyl, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training

Medical University of the Americas, West Indies
St. Elizabeth Health Center
University of Florida College of Medicine- Gainesville

PUBLICATIONS

- 1: **Ortega-Paz L**, Giordano S, **Franchi F**, **Rollini F**, Pollack CV Jr, Bhatt DL, **Angiolillo DJ**. Clinical and Pre-Clinical Pharmacokinetics and Pharmacodynamics of Bentracimab. *Clin Pharmacokinet*. 2023 Apr 28. doi:10.1007/s40262-023-01245-3. Epub ahead of print. PMID: 37118383.
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- 4: Galli M, **Angiolillo DJ**. How is pharmacogenetics changing clinical trial design for percutaneous coronary intervention? *Expert Rev Clin Pharmacol*. 2023 Apr 17:1-3. doi: 10.1080/17512433.2023.2203381. Epub ahead of print. PMID: 37060346. 5: Cao D, Amabile N, Chiarito M, Lee VT, Angiolillo DJ, Capodanno D, Bhatt DL, Mack MJ, Storey RF, Schmoeckel M, Gibson CM, Deliangyris EN, Mehran R. Reversal and removal of oral antithrombotic drugs in patients with active or perceived imminent bleeding. *Eur Heart J*. 2023 Mar 29: ehad119. doi:10.1093/eurheartj/ehad119. Epub ahead of print. PMID: 36988155.
- 6: Galli M, Costa F, **Angiolillo DJ**. Editorial: Precision medicine for antithrombotic therapy in patients after percutaneous coronary interventions. *Front Cardiovasc Med*. 2023 Mar 3; 10:1162630. doi:10.3389/fcvm.2023.1162630. PMID: 36937928; PMCID: PMC10020611.
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- 8: **Ortega-Paz L**, Giordano S, Capodanno D, Mehran R, Gibson CM, **Angiolillo DJ**. Clinical Pharmacokinetics and Pharmacodynamics of CSL112. *Clin Pharmacokinet*. 2023 Apr;62(4):541-558. doi: 10.1007/s40262-023-01224-8. Epub 2023 Mar 16. PMID: 36928983; PMCID: PMC10019422.
- 9: Galli M, Laborante R, **Ortega-Paz L**, **Franchi F**, **Rollini F**, D'Amario D, Capodanno D, Tremoli E, Gibson CM, Mehran R, **Angiolillo DJ**. Factor XI Inhibitors in Early Clinical Trials: A Meta-analysis. *Thromb Haemost*. 2023 Mar 24. doi:10.1055/a-2043-0346. Epub ahead of print. PMID: 36841245.
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35: Lahu S, Presch A, Ndrepepa G, Menichelli M, Valina C, Hemetsberger R, Witzenbichler B, Bernlochner I, Joner M, Xhepa E, Hapfelmeier A, Kufner S, Rifatov N, Sager HB, Mayer K, Kessler T, Laugwitz KL, Richardt G, Schunkert H, Neumann FJ, Sibbing D, **Angiolillo DJ**, Kastrati A, Cassese S. Ticagrelor or Prasugrel in Patients with Acute Coronary Syndrome and High Bleeding Risk. *Circ Cardiovasc Interv.* 2022 Oct;15(10): e012204. doi:10.1161/CIRCINTERVENTIONS.122.012204. Epub 2022 Oct 18. PMID: 36256695.

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Abstract 15084: Alessandro Spirito, Roxana Mehran, Samantha Sartori, Clayton Snyder, James hermliller, Raj Makkar, Sripal Bangalore, **Dominick J Angiolillo**, Johny Nicolas, Junbo Ge, Birgit Vogel, Shigeru Saito, Davide Cao, Franz-Josef Neumann, Deepak Bhatt, Marco Valgimigli. One- versus Three-Month DAPT in Diabetic Patients With High Bleeding Risk Undergoing PCI: Results From the Xience Short DAPT Global Program. *Circulation*. 2022;146:A15084. November 8, 2022 Vol 146, Issue Suppl_1

Abstract 9685: **Luis G. Ortega-Paz, Fabiana Rollini**, Mattia Galli, Latonya Been, Ghussan Ghanem, Awss shalhoub, Tiffany Ossi, Andrea Rivas, Xuan Zhou, Jose Rivas Rios, **Andres Pineda, Siva Suryadevara, Daniel Soffer, Martin**

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Abstract 15273: Francisco Jimenez-Trinidad, Joaquim Bobi, **Luis G. Ortega-Paz**, Juan J Rodriguez Arias, Merce Roque, Manel Sabate, Salvatore Brugaletta, Ana Paula V Dantas. Impact of Lipid Lowering Therapy on Progenitor Endothelial Cell Phenotype and Function in Coronary Artery Disease. *Circulation*. 2022;146:A15273. November 8, 2022 Vol 146, Issue Suppl_1.

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Chiong CJ, Rabbani K, Mendoza R, Li, S. Lin M, Ma G, Yang L, GE S, **Miller A**: Heart failure hospitalizations-the impact of heart failure etiologies on in-patient costs, length of stay and mortality. J Cardiac Failure in press. Presented HFSA Cleveland OH 2023

CLINICAL ACTIVITIES

Outpatient Activity	FY 23 (annualized through December 2022)
Physician clinic visits	27,422
Echo	22,141
Stress tests	2521
Cath Lab Procedures	2587
EP Lab Procedures	928
Monitoring	2880
Cardiac rehab visits	3,339
Structural (Mitraclip, Watchman, TAVR)	76
EKG	94,214

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Catanzaro, J	Use of AC through Provider Prompting about Oral AC Therapy for AF (SUPPORT-AF) IV	2021-2025	National Institutes of Health	\$518,752
Franchi, F	Precision Antiplatelet Therapy After Percutaneous Coronary Intervention	2020-2025	National Institutes of Health	\$3,551,537
Soffer, D	Carotid Revascularization and Medical Management for Asymptomatic Carotid Stenosis Trial (CREST-2) Protocol	2020-2023	National Institutes of Health	\$82,350
Velarde, G	Women’s Ischemia Trial to Reduce Events in Non-Obstructive CAD (Warrior)	2017-2023	National Institutes of Health	\$14,915,728

DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
ACADEMIC YEAR 2023 (7/22 - 6/23)

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, Emerson Medical Plaza, Deerwood Centurion Pkwy, and UF North campus to faculty of the university and referring physicians in the northeast Florida/southern Georgia region and beyond. The core clinical faculty of the Division included Dr. Joe Chehade, Dr. Marilu Jurado, Dr. Gunjan Gandhi, Dr. Arshag Mooradian and Dr. Kent Wehmeier. During this academic year Melody Beers, ARNP, was added to care for these patients. Dr. Christian Koch joined as new division chief and with his vision to expand oncologic endocrinology. 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 clinical operations occurred at UF Endocrinology and Diabetes at Emerson Medical Plaza, UF Health - Jacksonville Ambulatory Care Center (ACC), Deerwood Park at Centurion Pkwy, and at the UF Health North Hospital and Clinic. Our providers 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 provided onsite education at the UF Emerson, UF Deerwood, 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 including measurement of basal metabolic rate and onsite facilitated nutrition prescriptions for patients. Dr. Chehade and Dr. Jurado utilized ultrasound for diagnosis and ultrasound guidance for the evaluation of patients with thyroid nodules, parathyroid neoplasia, lymph nodes, and thyroid cancer.

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.

Education: The Endocrinology fellowship continues to maintain its ACGME accreditation, under the direction of Program Director, Dr. Gunjan Gandhi. Drs. Heiba Belal and Kareen Champagne joined the Division in July 2022. Dr. Lauren Graham and Dr. Jenni Batch have been exceptional and productive additions to the Division and completed their fellowships June 30, 2023. 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 was 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. Koch, and Dr. Wehmeier precepted trainees at UF clinics in Endocrinology and coordinated 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. Multiple faculty members were chosen to receive the 2023 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 (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, apolipoprotein AI, and the involvement of endoplasmic reticulum (ER) stress and oxidative stress in coronary artery disease continue to reveal critical insights.

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 were discussed and implemented. Dr. Chehade served in the patient satisfaction committee on the ambulatory side. Dr. Gandhi serves on the institution's Pharmacy and Therapeutics Committee.

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
McArdle Laboratory for Cancer Research



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



Kent Wehmeier, M.D., Professor and Division Chief (until Oct 2022)

Medical School
Internship/residency
Subspecialty training

University of Missouri-Columbia
Barnes-Jewish Hospital, Washington University
Saint Louis University School of Medicine



Christian A. Koch, M.D., Ph.D., MACE Professor and Division Chief (May 2023-)

Medical School

Internship/residency
Subspecialty training

Friedrich-Alexander University,
Erlangen-Nuremberg, Germany
The Ohio State University
National Institutes of Health, Bethesda, MD

PUBLICATIONS

- 1: Unfer V, **Koch CA**, Benvenega S, Leung AM. Editorial: dietary supplements for preserving thyroid health: the scientific evidence-based view. *Front Endocrinol (Lausanne)* 2023 June 13;14:1213082
- 2: **Mooradian AD**. Age-related thyroid hormone resistance: a friend or foe. *Endocrine & Metabolic Science*, 11 June 2023; 100132
- 3: **Gandhi GY**. Commentary "In pituitary adenoma surgery, no vs. perioperative hydrocortisone was noninferior for new-onset adrenal insufficiency." *Ann Intern Med.* 2023 Apr;176(4):JC46. doi: 10.7326/J23-0013. Comment on Guo X, Zhang D, Pang H, et al. Safety of withholding perioperative hydrocortisone for patients with pituitary adenomas with an intact hypothalamus-pituitary-adrenal axis: a randomized clinical trial. *JAMA Netw Open.* 2022;5:e2242221. 36383383.
- 4: **Haas MJ**, Feng V, Gonzales K, Bikkina P, Landicho MA, Onstead-Haas L, **Mooradian AD**. Transcription factor EB protects against Endoplasmic Reticulum stress in human coronary artery endothelial cells. *Eur J Pharmacol.* 2022 Oct 15;933:175274. doi: 10.1016/j.ejphar.2022.175274.
- 5: **Mooradian AD, Haas MJ**. Endoplasmic reticulum stress: A common pharmacologic target of cardioprotective drugs. *Eur J Pharmacol.* 2022 Sep 15;931: 175221. doi:10.1016/j.ejphar.2022.175221.
- 6: **Haas MJ, Mooradian AD**. Potential therapeutic agents that target ATP Binding Cassette A1 (ABCA1) gene expression. *Drugs.* 82(10):1055-1075, 2022.
- 7: **Haas MJ**, Naem E, Almdallaleh S, **Mooradian AD**. The effect of black seed (*Nigella sativa*) extract on lipid metabolism in HepG2 cells. *BBA - Molecular and Cell Biology of Lipids.* 1867:159155; 2022 doi: 10.1016/j.bbalip.2022.159155.
- 8: **Haas, M.J., and Mooradian, A.D.** Regulation of ATP binding cassette A1 (ABCA1) gene expression: a current review. *Drugs* 82:1055-1075, 2022.

Abstracts/Presentations

- Batch J, Warda F, Natter P, Makary R, Gandhi GY. Pituitary stalk epidermoid cyst: a rare cause of diabetes insipidus. Poster Presentation, Endo Society Annual Meeting, 2023
- Batch J, Belal H, Gandhi GY. Perioperative Management of Patients with Pituitary Tumors Undergoing Surgery: A Retrospective Review. Poster Presentation, Endo Society Annual Meeting, 2023
- Batch J, Gandhi GY. Postmenopausal Hyperandrogenism Secondary to Ovarian Leydig Cell Tumor. Endo Society Annual Meeting, 2023 (submitted as a late breaking abstract)
- Belal H, Batch J, Gandhi GY. Thyroglossal Duct Papillary Thyroid Cancer with Normal Eutopic Thyroid Gland: A Management Dilemma. Poster Presentation, Endo Society Annual Meeting, 2023
- Belal H, Gandhi GY. Severe Cushing's Syndrome Due to Ectopic ACTH in Newly Diagnosed Small Cell Lung Cancer: The Pivotal Role of Etomidate in Acute Treatment. Poster Presentation, Endo Society Annual Meeting, 2023
- Champagne K, Mooradian AD, Hass MJ, Gupta N, Gandhi GY, Jurado Flores MM. Hyperphosphatemia in the Setting of Sodium Hypochlorite Use. Endo Society Annual Meeting, 2023 (submitted as a late breaking abstract)
- Nidhi Gupta, Jennifer Batch-Joudi, Lauren Graham, Kareen Champagne, Firas Warda, Michael J. Haas, and Arshag D. Mooradian. D-Allulose Inhibits NF- κ B- and AP1-Mediated Inflammatory Pathways in HepG2 Cells. Poster presentation at Endocrine Society, Chicago, IL, 2023.

Lauren Graham, Jennifer Batch-Joudi, Kareen Champagne, Firas Warda, Angela Richter, Shrina Parekh, Poonam Kalidas, Nidhi Gupta, **Michael J. Haas**, and **Arshag D. Mooradian**. Endocannabinoids Induce Endoplasmic Reticulum Stress in Hepatocytes and Human Coronary Artery Endothelial cells. Poster presentation at Endocrine Society, Chicago, IL, 2023. Jennifer Batch-Joudi, Lauren Graham, Kareen Champagne, Firas Warda, Nidhi Gupta, Michael J. Haas, and Arshag D. Mooradian. Regulation of ER Stress by Select Fatty Acids in Human Coronary Artery Endothelial Cells. Poster presentation at Endocrine Society, Chicago, IL, 2023.

Kareen Champagne, Firas Warda, Jennifer Batch-Joudi, Lauren Graham, Nidhi Gupta, Michael J. Haas, and Arshag D. Mooradian. The Effect of D-Allulose on Lipid Accumulation in HepG2 Hepatoblastoma Cells. Poster presentation at Endocrine Society, Chicago, IL, 2023.

Grants:

Mooradian - NIH NCT04262206 - National Institute on Aging/National Heart Lung and Blood Institute, "PRagmatic EValuation of evENTs And Benefits of Lipid-lowering in oldEr adults (PREVENTABLE)" 5/2020 - 6/2025; (Role site PI).

CLINICAL ACTIVITIES

	AY 22/23
Inpatient Activity	
Initial Inpatient Encounters	664
Outpatient Activity	
Clinic Visits	9458
Thyroid Biopsies	126

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Mooradian, A	Pragmatic Evaluation of evENTs And Benefits of Lipid-lowering in older adults (PREVENTABLE)	5/2020 – 6/2025	NIH	N/A
Cehade, C	Testosterone Replacement therapy for Assessment of long-term Vascular Events and efficacy ResponSE in hypogonadal men (TRAVERSE) Study	08/2018 - 08/2023	AbbVie	\$484,455.00

DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2023 (7/22 – 6/23)

Highlights

Gastroenterology Division has built an inter-disciplinary team of faculty, advanced practitioners and nurses. Our faculty members were Dr. James Scolapio, Dr. Ron Schey, Dr. Bruno Ribeiro, Dr. Neha Agrawal, Dr. Robert Bass, Dr. Paul Sievert, Dr. Peter Ghali, Dr. Lauren Stemboroski, and Dr. Yusuke Hashimoto. The allied health professionals included, Rhonda Broughton, Victoria Gonzalez and Sarah Scruby, as well as our nurse William Ecker, who retired in May 2023, and Meghan Avis took over his duties. Our Division continued to respond well to ever changing and challenging clinical environments. 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 now has regular transplant clinics in close conjunction with the team in Gainesville. Several patients have now been successfully transplanted and their care integrated between the two sites. 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 and CenterOne-Deerwood campus, where we provided 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 the Gastroenterology Fellowship Program, has continued to provide trainees a high quality of satisfaction based on the 2022-2023 ACGME Survey. The overall evaluation of the program was rated at 71%, very positive, which is above the national mean. The gastroenterology faculty who participated in the ACGME Survey gave the program an overall rating of 67%, very positive, which is only slightly below the national mean. In regards to completion of the Gastroenterology Certification Exam, the fellows have maintained a board pass rate of 100% annually. Our priority remains in the recruitment of gastroenterology fellows with a proven track record of clinical research, as well as a commitment to excellent 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.

Research: All faculty members have been productive in scholarly activities over the past academic year. The Division produced four peer-reviewed published eight manuscripts, four abstracts and eight oral presentations. The GI faculty have given multiple presentations at local, regional, national, and international meetings. The Division now has eight funded research protocols and was able to generate over \$800,000 in grants last year.

LISTING OF FACULTY MEMBERS

**Neha Agrawal, M.D., Assistant Professor**

Medical School

Internship/residency

Internship/residency

Subspecialty training

Motilal Nehru Medical College, Allahabad University, Allahabad, India

John H. Stroger, Jr., Hospital, Chicago, IL

University of Illinois College of Medicine, Urbana, IL

Temple University Hospital, Philadelphia, PA

**Robert Bass, M.D., Assistant Professor**

Medical School

Internship/residency

Subspecialty training

Medical College of Georgia, Augusta, GA

University of South Alabama, Mobile, AL

University of Florida Health Science Center, Jacksonville, FL

**Peter Ghali, M.D., Professor and Division Chief, Gastroenterology**

Medical School

Internship/residency

Subspecialty training

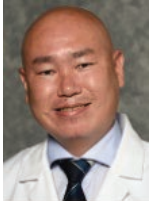
Subspecialty training

McGill University, Montreal, Canada

McGill University, Montreal, Canada

McGill University, Montreal, Canada

Mayo Graduate School of Medicine, Rochester, MN

**Yusuke Hashimoto, M.D., Associate Professor**

Medical School

Internship/residency

Subspecialty training

Subspecialty training

Tokushima University, Shinkuracho, Tokushima, Japan

Asahi General Hospital, Chiba, Japan

Showa University Fujigaoka Hospital, Kanagawa, Japan

California Pacific Medical Center, San Francisco, CA

**Bruno de Souza Ribeiro, M.D., Assistant Professor**

Medical School

Internship/residency

Subspecialty training

Subspecialty training

Santa Casa de Sao Paulo, Brazil

Federal University of Sao Paulo, Brazil

Sirio Libanes Hospital, Sao Paulo, Brazil

California Pacific Medical Center, San Francisco, CA

**Ron Schey, M.D., Professor**

Medical School

Internship/residency

Subspecialty training

Sackler School of Medicine, Tel-Aviv University, Israel

Meir Medical Center, Kfar Saba, Israel

Wolfson Medical Center, Holon, Israel

**James Scolapio, M.D., Professor and Associate Chair**

Medical School

Internship/residency

Subspecialty training

Marshall University School of Medicine, Huntington, WV

Mayo Graduate School of Medicine, Rochester, MN

Mayo Graduate School of Medicine, Rochester, MN

**Paul Sievert, M.D., Assistant Professor**

Medical School

Internship/residency

Subspecialty training

University of Miami School of Medicine, Miami, FL

Medical College of Virginia, Richmond, VA

University of Florida College of Medicine – Jacksonville, Jacksonville, FL


Lauren Stemboroski, D.O., Assistant Professor and Associate Program Director

Medical School

Internship/residency

Subspecialty training

Lake Erie College of Osteopathic Medicine, Bradenton, FL

University of Florida College of Medicine – Jacksonville, Jacksonville, FL

University of Florida College of Medicine – Jacksonville, Jacksonville, FL

PUBLICATIONS

Manuscripts:

1: Fialho A, Fialho A, **Ribeiro B, Ghali P, Schey R**, et al. Association between helicobacter pylori and steatosis severity on transient elastography. *Cureus*. 2023 Jan 21;15(1):e34042. doi: 10.7759/cureus.34042. eCollection 2023 Jan. PMID: 36699110.

2: Sekine M, **Hashimoto Y**, Shibuki T, et al. A retrospective multicenter study comparing the punctures to B2 and B3 in endoscopic ultrasound-guided hepaticogastrostomy. *DEN Open*. 2023 Jan 3;3(1):e201. PMID: 36618883.

3: **Hashimoto Y**, Miyagaki A. Peroral cholangioscopic findings of acute ischemic cholangiopathy caused by transarterial chemoembolization. *Gastrointest Endosc*. 2023 Jan 13;S0016-5107(23)00021-4. PMID: 36646147.

4: Parkman HP, Blackford AL, Burton Murray H, **Schey R**, et al. Characteristics and outcomes of patients with gastroparesis using enteral and/or exclusive parenteral nutrition. *JPEN J Parenter Enteral Nutr*. 2023 May;47(4):541-549. doi:10.1002/jpen.2493. Epub 2023 Mar 22. PMID: 36871132

5: Sanyal AJ, Munoz B, Cusi K, **Ghali P** et al; **TARGET-NASH Investigators**. Validation of a clinical risk-based classification system in a large nonalcoholic fatty liver disease real-world cohort. *Clin Gastroenterol Hepatol*. 2023 Mar 5:S1542-3565(23)00167-2. doi: 10.1016/j.cgh.2023.02.024. Online ahead of print. PMID: 36871772.

6: Kiamos A, Streit SG, Karan A, **Schey R**, et al. Unusual instance of primary diffuse large b-cell lymphoma of the colon. *Cureus*. 2023 Mar 13;15(3):e36083. doi: 10.7759/cureus.36083. eCollection 2023 Mar. PMID: 37065294.

7: Shibuki T, Okumura K, Sekine M, **Hashimoto Y**, et al. Covered self-expandable metallic stents versus plastic stents for endoscopic ultrasound-guided hepaticogastrostomy in patients with malignant biliary obstruction. *Clin Endosc*. 2023 Apr 5. doi: 10.5946/ce.2022.211. Online ahead of print. PMID: 37032113.

8: Kobori I, **Hashimoto Y**, Shibuki T, et al. Safe performance of track dilation and bile aspiration with ERCP catheter in EUS-guided hepaticogastrostomy with plastic stents: a retrospective multicenter study. *J Clin Med*. 2022 Aug 25;11(17):4986. PMID: 36078916.

Abstracts/Presentations:

Flint A, Streit S, Jadeja S, **Scolapio J**. A difficult diagnosis to swallow – lingual tonsillar hypertrophy [abstract]. Southern Regional Meeting (SRM), New Orleans, LA. Feb. 2023.

Barrett AC, Malik Z, **Schey R**, Smith MS, Parkman HP. Efficacy of domperidone for gastroparesis: long term results from a large single center cohort. Poster presentation. Digestive Disease Week (DDW), Chicago IL. May 2023.

Ghali P, Attieh R, Croome K, White L, Hodge D, Wadei H. Rejection and survival outcomes in simultaneous liver kidney transplant versus kidney after liver. Oral presentation. American Transplant Congress (ATC) 2023. San Diego, CA. Jun. 2023

Sharma R, Karan A, Calvert J, **Ghali P**, et al. Spill the beans: a rare case of late-presenting bean syndrome. Poster presentation. American College of Gastroenterology (ACG) Annual Scientific Meeting, Charlotte, NC. Oct. 2022. *Am J Gastroenterol*. 117(10S):e1982

Attarha B, Matthew R, **Ghali P**. Lecithin-cholesterol acyltransferase deficiency from statin-induced autoimmune hepatitis. Poster presentation. American College of Gastroenterology (ACG) Annual Scientific Meeting, Charlotte, NC. Oct. 2022. Am J Gastroenterol. 117(10S):p e1982

Flint A, Attarha B, Rahman S, **Schey R**. Cocaine-induced esophageal necrosis: a rare cause of esophageal structuring. Poster presentation. American College of Gastroenterology (ACG) Annual Scientific Meeting, Charlotte, NC. Oct. 2022. Am J Gastroenterol. 117(10S):p e1540

Streit S, Mathew R, Ali A, Jadeja S, **Stemborski L**. PALB2 and the risk for colorectal cancer. Poster presentation. American College of Gastroenterology (ACG) Annual Scientific Meeting, Charlotte, NC. Oct. 2022. Am J Gastroenterol. 117(10S):p c0116

Book Chapters:

Agrawal N, Ghali P. Pregnancy after liver transplantation. In: El-Messidi A, Cameron A, eds. *OSCEs in Obstetrics and Maternal-Fetal Medicine: An Evidence-Based Approach*. Cambridge, UK: Cambridge University Press; 2023:573-583.

Ribeiro B, El-Messidi A, Ghali P. Biliary diseases in pregnancy. In: El-Messidi A, Cameron A, eds. *OSCEs in Obstetrics and Maternal-Fetal Medicine: An Evidence-Based Approach*. Cambridge, UK: Cambridge University Press; 2023:563-572.

El-Messidi A, **Ghali P**. Hepatitis B and C virus infections in pregnancy. In: El-Messidi A, Cameron A, eds. *OSCEs in Obstetrics and Maternal-Fetal Medicine: An Evidence-Based Approach*. Cambridge, UK: Cambridge University Press; 2023:774-786.

CLINICAL ACTIVITIES

GASTROENTEROLOGY	FY 22/23
<u>Inpatient Activity</u>	
Initial IP Encounters	1615
Shands Jacksonville Inpatient Procedures	1115
Baptist Beaches Inpatient Procedures	14
UF North Inpatient Procedures	132
<u>Outpatient Activity</u>	
Clinic Visits	13578
Shands Jacksonville Outpatient Procedures	3590
Baptist Beaches Outpatient Procedures	863
Jacksonville Beach Surgery Center Outpatient Procedures	580
Jacksonville Surgery Center	1131
UF North Outpatient Procedures	3478

CONTRACTS AND GRANTS

Local Principal Investigator	Study Title	Sponsor	Project Period	Total Award
Peter Ghali	TARGET-NASH - A 5-year Longitudinal Observational Study of Patients with Nonalcoholic Fatty Liver Disease or Nonalcoholic Steatohepatitis	Target PharmaSolutions, Inc.	1/8/2017 - present	\$109,374
Peter Ghali	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)	Intercept Pharmaceuticals, Inc.	12/14/2016 - present	\$378,671
Peter Ghali	Biospecimens Resource for Hepatocellular Carcinoma Research	Mayo Clinic	5/6/2020-present	\$250,000

Peter Ghali	GS-US-454-6075- A Phase 2, Randomized, Double-Blind, Double-Dummy, Placebo-Controlled Study Evaluating the Safety and Efficacy of Semaglutide, and the Fixed-Dose Combination of Cilofexor and Firsocostat, Alone and in Combination, in Subjects with Compensated Cirrhosis (F4) due to Nonalcoholic Steatohepatitis (NASH)	Gilead Sciences, Inc.	5/16/2022-present	\$57,115
Peter Ghali	VANTAGE- A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Volixibat in the Treatment of Cholestatic Pruritus in Patients with Primary Biliary Cholangitis (VANTAGE)	Mirum Pharmaceuticals, Inc.	3/01/2022-present	\$21,384
Peter Ghali	VLX-602- An Open-Label Study to Evaluate the Safety and Tolerability of Volixibat in Patients with Primary Biliary Cholangitis Currently Being Treated with Obeticholic Acid	Mirum Pharmaceuticals, Inc.	12/09/2022-present	\$15,100
Peter Ghali	NN9500-4656- Efficacy and safety investigation of NNC0194-0499 co-administered with semaglutide in subjects with non-alcoholic steatohepatitis: a dose-ranging, placebo-controlled trial	Novo Nordisk A/S	8/02/2022-present	\$50,993
Peter Ghali	MAESTRO-NASH OUTCOMES- A Randomized Double-blind Placebo-controlled Phase 3 Study to Evaluate the Effect of Resmetirom on Liver-related Outcomes in Patients with Well-compensated (Child-Pugh A) Non-alcoholic Steatohepatitis (NASH) Cirrhosis	Madrigal Pharmaceuticals, Inc.	5/15/2023-present	Start-up funds pending

DIVISION OF GENERAL INTERNAL MEDICINE
ACADEMIC YEAR 2023 (7/2022- 6/2023)

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 18 members, including the two chief medical residents and one 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, are trained in bedside ultrasound guided procedures. The procedural service is available to other services 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 scores, the physicians in the group are considered excellent clinicians. In addition to the excellent physicians in the group, the outpatient primary care practices are certified as NCQA Level 3 Patient Centered Medical Homes. Our outpatient practices offer two unique clinical initiatives. The *PAIDD* (Program for Adults with Intellectual and Developmental Disability) clinic established in 2013 provides primary care services and care coordination to adults with special needs who are unable to manage their health independently. *PAIDD* 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 anesthesiology, psychiatry 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 wards 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 the knowledge. The division continued to work through the challenges of the COVID-19 pandemic. As in the previous years, Surge Teams were required to get the department through the increased clinical demands and strain that the pandemic caused.

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 inpatient services. He is providing a much-needed service, as well as education, on the role of palliative care and hospice in the care of our patients. During the pandemic, the services of hospice and palliative care 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 and hospice and palliative care. In addition, the members of the division provide faculty supervision and mentoring of all categorical medicine residents in their outpatient continuity practice and urgent care clinics. Members of

the division participate in morning report, 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 increases. Dr. House has developed a unique rotational and curricular experience for the PGY2 residents that immerse them in quality and safety. This educational experience is well received by the residents and has resulted in quality improvement projects and scholarly activity. Dr. Sottile also serves as the Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient).

Dr. Win Aung 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 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 throughout, 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 and

Duval and Nassau Counties. Our practice at the Southside Multispecialty Clinic also continues to grow and receives referrals from our specialty colleagues who practice at that location as well. The PAIDD clinic for adults with intellectual and developmental disabilities 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



Win Aung, M.D. Assistant Professor

Medical School
Internship/residency

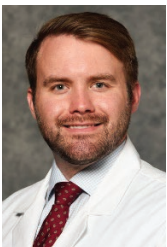
Institute of Medicine, Myanmar
Lutheran Medical Center



Linda Edwards, M.D., Associate Professor, Dean UF College of Medicine, Jacksonville

Medical School
Internship/residency

East Carolina University
Jacksonville Health Education Programs



Charles Harrison, M.D., Assistant Professor

Medical School
Internship/residency

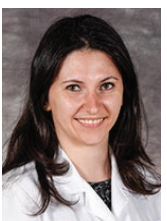
Florida State University College of Medicine, Florida
University of Utah, Utah



Jeffrey House, D.O., Professor and Associate Chair

Medical School
Internship/residency

Nova Southeastern College of Osteopathic Medicine
University of Florida – Jacksonville



Carmen Isache, M.D., Associate Professor

Medical School
Internship/residency
Subspecialty training

Gr. T. Popa University of Medicine and Pharmacy
SUNY Downstate Medical Center
University of Florida, Jacksonville (Infectious Disease)

**Rafik Jacob, M.D., Assistant Professor**

Medical School
Internship/residency

Ain Shams University
Rhode Island Hospital/Brown University

**Ghania Masri, M.D., Associate Professor**

Medical School
Internship
Residency

Damascus University, Syria
Cleveland Clinic Foundation
Case Western Reserve University

**Nirmal K R Onteddu, M.D., Assistant Professor**

Medical School
Internship/residency

S.S. Institute of Medical Sciences and Research Centre, India
Texas Tech University Health Sciences Center, Texas

**Carlos Palacio, M.D., M.P.H., Professor**

Medical School
Internship/residency
Post-graduate training

University of Miami
University of Florida, Jacksonville
University of North Florida (MPH, Master of Public Health)

**Pramod Reddy, M.D., Associate Professor**

Medical School
Internship/residency

Sri Dev Raj Urs Medical College, India
Stony Brook University Hospital

**Elisa Sottile, M.D., Assistant Professor**

Medical School
Internship/residency

Temple University School of Medicine
University of Pennsylvania

PUBLICATIONS

Peer Reviewed Publications

- 1: Puri A, Memari M, **Sottile E**, Snyderman L, Lee WW, Bonnema R, Jones D, Nandiwada D. Changing the Assessment Paradigm: Promoting a Growth Mindset Across the Medical Education Continuum. *The American Journal of Medicine*. Volume 136, Issue 2, 2023., p 207-212, ISSN 0002-9343, <https://doi.org/10.1016/j.amjmed.2022.10.004>
- 2: Sakusic A, Chen B, McPhearson K, Badi M, Freeman WD, Huang JF, Siegel JL, Jentoft ME, Oring JM, **Verdecia J.**, Meschia JF. *Balamuthia mandrillaris* Encephalitis Presenting as a Symptomatic Focal Hypodensity in an Immunocompromised Patient. *Open Forum Infect Dis*. 2023 Feb 21;10(3):ofad094. doi: 10.1093/ofid/ofad094. PMID: 37008568; PMCID: PMC10051015
- 3: Cole JC, Jankowski CA, **Verdecia J.**, L. Isache CL, Ravi MS, McCarter YS, Casapao AM. The time for action is now: the impact of timing of infectious disease consultation for *Staphylococcus aureus* bacteremia. *Clin Infect Dis*. 2023 Mar 3:ciad110. doi: 10.1093/cid/ciad110. Epub ahead of print. PMID: 36869697
- 4: Rathore A, Kahn C, Reich D, Qadir N, **Verdecia J**, House JG. Monkeypox-induced proctitis: a case report of an emerging complication. *Infection*. 2023 Feb 7. doi: 10.1007/s15010-023-01987-z. Epub ahead of print. PMID: 36750482
- 5: Kiamos A, Torrente N, Sands M, **Verdecia J.** Right hip gonococcal septic arthritis treatment with successful transition to oral fluoroquinolone. *BMJ Case Rep*. 2022 Sep 16;15(9):e251050. doi: 10.1136/bcr-2022-251050. PMID: 36113957; PMCID: PMC9486216
- 6: **Verdecia J.**, L. Vootukuri SR, Sands ML, Isache CL. A Case of Necrotizing Finger Lesions in a Patient With AIDS. *Clin Infect Dis*. 2022 Aug 1:ciac552. doi: 10.1093/cid/ciac552. Epub ahead of print. PMID: 35912719
- 7: **Verdecia J**, L. Jankowski CA, Isache CL, Neilsen CD, McCarter YS, Sands ML, Ravi M. A Case Report of Melioidotic Prostatic Abscess in a Traveler. *Open Forum Infect Dis*. 2022 Jul 4;9(7):ofac284. doi: 10.1093/ofid/ofac284. PMID: 35891686; PMCID: PMC9308449
- 8: **Verdecia J**, Jankowski CA, Reynolds ML, McCarter Y, Ravi M. Fungemia due to *Aureobasidium pullulans*. *Med Mycol Case Rep*. 2022 Jul 5;37:26-28. doi: 10.1016/j.mmcr.2022.06.004. PMID: 35855930; PMCID: PMC9287180
- 9: **Palacio C.**, Warda F. Ricketts. BMJ publishing group Best Practice Website. January 2009 (International product on bestpractice.com) Update 2010-present
- 10: **Carlos Palacio**, M.D. (2008). 65-year old woman-Mrs. Thompson. In Aquifer Internal Medicine Associate Editor: Monica R. Edwards, MD, MPH; Case Editor: Frank Chi, MD. https://uflorida-md.meduapp.com/document_set_document_relations/5251. Updated 2010-present
- 11: **Palacio C**, Shaikh M. Blast Crisis. BMJ publishing group Best Practice Website. January 2009 (International product on bestpractice.com) Updated 2010-present
- 12: Alexandria Danyluk, **Rafik Jacob**, "Hearing Loss Diagnosis and Management in Adults with Intellectual and Developmental Disabilities", *Advances in Medicine*, vol. 2023, Article ID 6825476, 5 pages, 2023. <https://doi.org/10.1155/2023/6825476>
- 13: King TC, Karan A, Edwards L, **Jacob R.** Screening Echocardiography in Adults with Down Syndrome. *South Med J*. 2023 May;116(5):440-442. doi: 10.14423/SMJ.0000000000001548. PMID: 37137482
- 14: Bryan J, Rabinowitz C, Edwards L, **Jacob R.** Primary Care of Adults with Intellectual and Developmental Disabilities Clinic: Coordination of Care Challenges. *South Med J*. 2023 Apr;116(4):355-357. doi: 10.14423/SMJ.0000000000001535. PMID: 37011584
- 15: Oyetoro R, Wiemer L, Bardhi O, Louis M, **Jacob R.** Special Considerations for Management of Diabetes in Adult Patients with Intellectual and Developmental Disabilities. *Adv Med*. 2023 Jan 30;2023:2955772. doi: 10.1155/2023/2955772. PMID: 36755896; PMCID: PMC9902153

- 16: Mathew R, Sethi A, Flint A T, Omman R, **House J.** (June 21, 2022) A Case of Undifferentiated Pleomorphic Sarcoma. *Cureus* 14(6): e26153. doi:10.7759/cureus.26153
- 17: Rathore, A., Kahn, C., Reich, D., Qadir, N., Verdecia, J., **House, J.** (2023). Monkeypox-induced Proctitis: A Case Report of an Emerging Complication. Manuscript published in *Infection*. <https://doi.org/10.1007/s15010-023-01987>
- 18: Kahn, C., Rathore, A., **House, J.** (2022). Starry Eye. Clinical Communication to the Editor manuscript published in the *American Journal of Medicine*. <https://doi.org/10.1016/j.amjmed.2022.10.007>
- 19: Azeem Rathore, Daniel A. Reich, Nadim Qadir, **Charles Harrison.** A Case Report of Culture-Negative Necrotizing Fasciitis with Low Laboratory Risk Indicator for Necrotizing Fasciitis (LRINEC) Score: A Diagnostic Dilemma. *Cureus*. 2023 Apr 7; 15(4):e37268.doi:10.7759/cureus.37268.PMID: 37162772; PMCID: PMC10164443
- 20: Kalynych C, **Edwards L,** West D, Snodgrass C, Zenni E. Tuesday's teaching tips—evaluation and feedback: A spaced education strategy for faculty development. *MedEdPORTAL*. 2022; 18: 11281. doi: [10.15766/mep_2374-8265.11281](https://doi.org/10.15766/mep_2374-8265.11281) PMID: [36475014](https://pubmed.ncbi.nlm.nih.gov/36475014/)
- 21: Spontaneous Page Kidney as a Complication of a Pancreatic Pseudocyst; Sharma, Radhika DO1; Attarha, Barret DO2; Rechcigl, Kevin DO1; **Aung, Win**; *ACG Case Reports Journal*: July 2022 - Volume 9 - Issue 7 - p e00831, doi: 10.14309
- 22: Dhruva P, Mikulic S, Omar MB, Reddy P. Reverse takatsubo from profound hypokalemia. *J Investig Med*. 2022;70-2:476
- 23: Thekkedath E, Sharma R, Farah J, Reddy P. An unorthodox case of May Thurner syndrome: a treatment dilemma. *J Investig Med*. 2022;70-2:564
- 24: [The time for action is now: the impact of timing of infectious disease consultation for Staphylococcus aureus bacteremia](#) - Cole JC, Jankowski CA, Verdecia JL, **Isache C,** Ravi MS, McCarter YS, Casapao AM *Clin Infect Dis*. 2023 Mar 3 PMID: 36869697
- 25: [Effect of Higher-Dose Ivermectin for 6 Days vs Placebo on Time to Sustained Recovery in Outpatients With COVID-19: A Randomized Clinical Trial](#) - Naggie S et al. **Carmen Isache** part of the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV)-6 Study Group and Investigators *JAMA*. 2023 Mar 21 PMID: 36807465 Clinical Trial
- 26: [Effect of Fluvoxamine vs Placebo on Time to Sustained Recovery in Outpatients with Mild to Moderate COVID-19: A Randomized Clinical Trial](#) - McCarthy MW et al. **Carmen Isache** part of the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV)-6 Study Group and Investigators *JAMA*. 2023 Jan 24 PMID: 36633838 Clinical Trial
- 27: [Fusariosis: An Invasive Fungal Disease in a Neutropenic Patient with Acute Myeloid Leukemia](#) - Asiimwe DD, Ravi M, **Isache C.** *Cureus*. 2022 Sep 18 PMID: 36277532
- 28: [Effect of Ivermectin vs Placebo on Time to Sustained Recovery in Outpatients with Mild to Moderate COVID-19: A Randomized Clinical Trial](#) - Naggie S et al. **Carmen Isache** part of the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV-6) Study Group and Investigators. *JAMA*. 2022 Oct 25 PMID: 36269852 Clinical Trial
- 29: [Effectiveness and Safety of Beta-Lactam Antibiotics with and without Therapeutic Drug Monitoring in Patients with Pseudomonas aeruginosa Pneumonia or Bloodstream Infection](#) - Kunz Coyne AJ, Alshaer M, Casapao AM, Venugopalan V, **Isache C,** Ferreira J, Jankowski CA *Antimicrob Agents Chemother*. 2022 Oct 18 PMID: 36073943
- 30: [A Case of Necrotizing Finger Lesions in a Patient With AIDS](#) - Verdecia JL, Vootukuri SR, Sands ML, **Isache C.** *Clin Infect Dis*. 2022 Aug 1 PMID: 35912719
- 31: [A Case Report of Melioidotic Prostatic Abscess in a Traveler](#) - Verdecia JL, Jankowski CA, **Isache C,** Neilsen CD, McCarter YS, Sands ML, Ravi M. *Open Forum Infect Dis*. 2022 Jul PMID: 35891686
- 32: **Ghania Masri,** Challenges of Obesity Management, *Journal of international Online Medical Council*, ISSN: 2327-5146 June 2022
- 33: Ramzi G. Salloum; Lori Bilello; Jiang Bian; Julie Diulio; Laura Gonzalez Paz; Matthew J. Gurka; Maria Gutierrez; Robert W. Hurley; Ross E. Jones; Francisco Martinez-Wittinghan; Laura Marcial; **Ghania Masri**; Cara McDonnell; Laura

34: G. Militello; Francois Modave; Khoa Nguyen; Bryn Rhodes; Kendra Siler; David Willis; Chris A. Harle, Study protocol for a type III hybrid effectiveness-implementation trial to evaluate scaling interoperable clinical decision support for patient-centered chronic pain management in primary care. *Implement Sci.* 2022 Jul 15;17(1):44. doi: 10.1186/s13012-022-01217-4. PMID: 35841043; PMCID: PMC9287973

Poster/Abstract Presentations

Jhaveri H, Snichols D, Streit S, **Masri G.** MYASTHENIA GRAVIS: A RARE PRESENTATION OF RENAL CELL CARCINOMA IN THE ABSENCE OF UROLOGIC SYMPTOMS Poster presentation at 2021 Southern Regional Meeting February/ 22 /20201.

Foldy S, Lung J, Streit S, **Sottile E.** EPIGLOTTITIS: NOT JUST FOR KIDS. Poster presentation at: Chest Annual Meeting October 18 2020. <https://doi.org/10.1016/j.chest.2020.08.531>

ORAL/POSTER PRESENTATIONS

Regional

Invited Conference Presentation: COVID-19 in '23. Where we were and where we are now
Florida Osteopathic Medical Association 24th Annual Primary Care & Cardiovascular Symposium May 4, 2023 **Patel, C.**

Second reported scabies alert at UNF this month - Action News Jax, Ben Ryan, Jacksonville, FL
<https://www.actionnewsjax.com/news/local/more-reported-scabies-cases-unf/UXIGCMUGUJGZNHXIJLHY7WD5ZU/> - 02.20.2023 **Patel, C.**

UNF alerts freshman dorm residents to possible exposure to scabies, 347 students notified - Action News Jax, Ben Ryan, Jacksonville, FL <https://www.actionnewsjax.com/news/local/unf-alerts-freshman-dorm-residents-possible-exposure-scabies-347-students-notified/KXHRDMFATJGVPA673L4ENUWEDU/> - 02.09.2023 **Patel, Chirag**

What's Health Got to Do with It? Year in review medical roundtable – WJCT, Joseph Sirven/Brenden Rivers, Jacksonville, FL - <https://news.wjct.org/show/whats-health-got-to-do-with-it/2022-12-31/year-in-review-medical-roundtable-12.31.2022> **Patel, C.**

Dr. Patel joins JMN to update us on the holiday season "triple-demic" of RSV, COVID 19, and the Flu – WOKV, Rich Jones, Jacksonville, FL - <https://www.wokv.com/on-demand/morning-news-podcast/> - 11.30.2022 **Patel, C.**

Yes, it's too late to get your flu shot to be effective for Thanksgiving - First Coast News, Leah Shields, Jacksonville, FL - <https://www.firstcoastnews.com/article/entertainment/television/programs/gmj/too-late-flu-shot-effective-thanksgiving/77-5841f290-7f8e-44f1-9f1b-4151303ddc9e> - 11.23.2022 **Patel, C.**

'Tripledemic': Danger posed by COVID-19, flu & RSV a worry as people gather for Thanksgiving - News4Jax - Channel4, Jim Piggott, Jacksonville, FL - <https://www.news4jax.com/health/2022/11/23/tripledemic-danger-posed-by-covid-19-flu-rsv-a-worry-as-people-gather-for-thanksgiving/> - 11.23.2022 **Patel, C.**

Holiday crowds & health concerns: Jax doctors see flu, RSV rise ahead of Thanksgiving - First Coast News, Leah Shields, Jacksonville, FL - <https://www.firstcoastnews.com/article/entertainment/television/programs/gmj/holiday-crowds-health-concerns-jax-doctors-flu-rsv-thanksgiving/77-4a6691a6-b7bb-4542-afdf-9719e2b6297f> - 11.22.2022 **Patel, C.**

The Bard's Curse: A Rare Cause of Upper Extremity Weakness Karan A, Guo H, **Patel C.** American College of Physicians FL Chapter Annual Meeting Oct 21-23, 2022. Accepted 02.15.22

It's pneumonia...it's fibrosis...it's pneumonitis! - The Diagnostic Conundrum of Drug-Induced Interstitial Lung Disease Guo H, Karan A, **Patel C.** American College of Physicians FL Chapter Annual Meeting Oct 21-23, 2022. Accepted 02.15.22

First Coast health departments roll out monkeypox vaccine as US declares public health emergency - First Coast News, Robert Bradfield, Jacksonville, FL - <https://www.firstcoastnews.com/article/news/health/first-coast-health-departments-roll-out-monkeypox-vaccine/77-b45af474-1f01-410b-8417-9ef07c57bf22> - 08.04.2022 **Patel, C.**

Monkeypox concerns grow as virus spreads across the area - News4Jax - Channel4, Jenese Harris, Jacksonville, FL - <https://www.news4jax.com/news/local/2022/08/01/monkeypox-concerns-grow-as-virus-spreads-across-the-area/> - 08.01.2022 **Patel, C.**

Florida now has over 100 confirmed monkeypox cases - First Coast News, Briana Ray Turner, Jacksonville, FL - <https://www.firstcoastnews.com/article/news/local/florida-100-confirmed-monkey-pox-cases/77-56fd0b4e-caec-4c76-81d9-004a53f77447> - 07.13.2022 **Patel, C.**

Jacksonville woman still battles with COVID symptoms over a year since she's had the virus - First Coast News, Briana Ray Turner, Jacksonville, FL - <https://www.firstcoastnews.com/article/news/local/jacksonville-woman-still-battles-covid-symptoms-and-its-been-over-year-long-haul/77-34825fed-ac55-4cdd-bf78-9dfc708f2b0a> - 07.08.2022 **Patel, C.**

Morning Show: Understanding heat stroke & heat exhaustion - News4Jax - Channel4, Jennifer Waugh, Jacksonville, FL - <https://www.news4jax.com/video/morning-show/2022/06/17/understanding-heat-stroke--heat-exhaustion/> - 06.17.2022 **Patel, C.**

'Not going away': Northeast Florida COVID-19 cases, hospitalizations rising - News4Jax - Channel4, Jenese Harris, Jacksonville, FL - <https://www.news4jax.com/health/2022/06/10/not-going-away-northeast-florida-covid-19-cases-hospitalizations-rising/> - 06.10.2022 **Patel, C.**

Patel, Chirag It's pneumonia...it's fibrosis...it's pneumonitis! - The Diagnostic Conundrum of Drug-Induced Interstitial Lung Disease **Patel, C.**

Co-Occurrence of COVID-19 and Neurocognitive Disorders among Hospitalized Adults Duckworth L, Magoc T, Snigurska U, Ser S, **Patel C**, Solberg L, Dunn E, Smith L, Dickinson TA, Walters J, Lucero RJ, Bjarnadottir, RI. American Gerontology Society Annual Meeting May 11-14, 2022. Accepted on 02.02.22

NATIONAL MEETINGS

Sottile E, Puri A, Nandiwada D, Milad M, Snyderman L. Giving Driving Lessons not A Driver's Test: building learner competence through coaching. Workshop at the Society for General Internal Medicine National Annual Meeting, Aurora CO. May 12, 2023

Szymanski E, Tan E, **Sottile E**, Donovan A, Leung P, Killian K, Kiefer M, Thomas M. Clinical Update in medical Education. Society for General Internal Medicine National Annual Meeting, Aurora CO. May 12, 2023.

Puri A, Donovan A, Raghavan S, **Sottile E**. Coaching Faculty for Growth: Utilizing the new Clinician Educator Milestones. Workshop at the Society for General Internal Medicine National Annual Meeting, Aurora CO. May 11, 2023.

Puri A, Singh M, Donovan A, **Sottile E**. Hot off the Press: Integrating the New Clinician Educator Milestones into Faculty Development Programming. Workshop at the Alliance for Academic Internal Medicine Annual Meeting, Austin TX. April 2023.

Kalynych C, **Sottile E.**, Fallucco E, Zenni E. Emailed Skills-Based Tips as Faculty Development Programs- Can You Get Tippy? Workshop at the 2023 Innovations in Medical Education Online Conference

Local/Regional Meetings (All Invited)

Expansion of Psychiatry into Primary Care Grand Rounds - Department of Psychiatry - University of Florida COM- Jacksonville Jacksonville, FL - May 9, 2023 **Sottile E.**

Space to Grow: *Creating a Positive Learning Environment* (**Sottile E.** copresented with Nall R, Lascano J) Grand Rounds - Department of Medicine - University of Florida Gainesville, FL - Mar 9, 2023

Helping Learners Change through Coaching Clerkship Directors Retreat - University of Florida College of Medicine Gainesville, FL - Feb 2, 2023 **Sottile E.**

Bedside Teaching Brown Bag Lunch Series - Center for Teaching Excellence University of Florida - Gainesville, FL - Feb 3, 2023 **Sottile E**

Clinical Teaching 7/2022 *modified* Stanford Clinical Teaching Development Program Indiana University School of Medicine - 2022 Annual Clinical Teaching Retreat French Lick Resort French Lick, Indiana **Sottile E.**

Scientific Meeting Planning/Reviewer

Sottile E. Society of General Internal Medicine 2023 Annual Meeting Program Planning Committee

Sottile E. Society of General Internal Medicine 2023 Annual Meeting Clinical Vignette Awards Judge

Sottile E. Society of General Internal Medicine 2023 Annual Meeting Workshop Peer Reviewer

Co- investigator -IPRO: My PAIN and Pain Manager Integration into UF Health Epic 01.2021 – Present **Ghania Masri**

Co-Investigator Scaling Interoperable Clinical Decision Support for Patient-Centered Chronic Pain Care 01.2021 – Present **Ghania Masri**

HONORS AND AWARDS

Jeff House, DO	University of Florida Exemplary Teacher Award 2022
Win Aung, MD	University of Florida Exemplary Teacher Award 2022
Pramod Reddy, MD	University of Florida Exemplary Teacher Award 2022
Carlos Palacio, MD	University of Florida Exemplary Teacher Award 2022
Carmen Isache, MD	University of Florida Exemplary Teacher Award 2022
Ghania Masri, MD	University of Florida Exemplary Teacher Award 2022
Elisa Sottile, MD	University of Florida Exemplary Teacher Award 2022
Linda Edwards, MD	University of Florida Exemplary Teacher Award 2022
Rafik Jacob, MD	University of Florida Exemplary Teacher Award 2022

CLINICAL ACTIVITIES

	AY 20/21
Inpatient Activity	
Numbers of Inpatient Admissions	3,990
Outpatient Activity	
Clinic Visits	13,867

CONTRACTS AND GRANTS

Investigator	Study Title	Project Period	Sponsor	Award Amount
Edwards, L (Co-PI)	Evaluate, Develop, and Implement Medication Safety Measures Using Medication Error Claim Reporting Systems and Medical Records	2016 - Present	Martin A. Smith Patient Safety and Quality Award	\$18,700

Title	Recipient	Amount
Hanson Professorship	Linda Edwards, M.D.	12,000.00

DIVISION OF HEMATOLOGY AND MEDICAL ONCOLOGY
ACADEMIC YEAR 2023 (7/22 – 6/23)

Highlights

Emerging from the lingering effects of the pandemic, the Division of Hematology and Medical Oncology produced notable achievements during this past year. The division provides comprehensive outpatient and inpatient clinical consultative care in hematology and medical oncology while expanding a fully ACGME-accredited fellowship training program. Under the leadership of Division Chief and Program Director W JR Quan, the division has expanded its hematologic malignancy service with the addition of an inpatient Physician's Assistant and strengthened its non-malignant blood disorder program with the addition of our new faculty member Dr. Gabriela Bastidas Mora, and increased the number of patients cared for at our downtown facility. The fellowship program matched two outstanding incoming fellows and celebrated the dual board certification of another graduated fellow. This achievement continues our program's 100% board passage rate in both hematology and medical oncology. Drs. Gharia and Quan each received the University of Florida College Of Medicine's Exemplary Teachers Award for outstanding teaching for the second consecutive year and Dr. Quan was also the recipient of the Department of Medicine's Faculty Teacher of the Year Award.

Patient care: Our division continues to increase access to our inpatient and subspecialty expertise in evaluation and treatment of hematologic malignancies, non-malignant blood disorders, and solid tumors. We provide both outpatient and inpatient consultative services for hematology and oncology at the downtown UF Health Jacksonville campus, which is also the location of the only sickle cell clinic in Jacksonville, Florida. To enhance our patients' convenience and safety, our main outpatient clinic presence is now located in the Pavilion Infusion Center which allows patients to see their physicians and providers just steps away from where they receive their treatment. To provide the best quality of patient care, collaboration with multiple specialties through mechanisms including multi-disciplinary tumor conferences are ongoing. Our faculty members collaborate closely with the Proton Therapy Institute and the Departments of Surgery and Gynecologic Oncology. Faculty actively educate patient's in-person, via telemedicine, and through patient education sheet facts distributed by disease diagnosis.

Education: The prior long-standing medical oncology fellowship has been supplanted by a fully ACGME-accredited 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 its Stem Cell Transplant rotation at Mayo Clinic Jacksonville. Fellows are active participants in a weekly lecture series which encourages and develops teaching skill.

Research: The Division of Hematology and Medical Oncology had a banner publication year highlighted by the publication of its third consecutive annual national meeting publication, this one in conjunction with the American Society of Hematology meeting in New Orleans. The division continued its two initial externally-supported clinical drug trials using new agents in Acute Myeloid Leukemia and Essential Thrombocytosis and opened an investigator-initiated lymphoma trial. Additional drug trials in solid tumors as well as additional investigator-initiated trials are anticipated in the upcoming academic year. Our division

continues to provide academic support to residents through mentorship in research projects and publications.

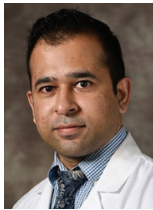
LISTING OF FACULTY MEMBERS



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



Gabriela Bastidas Mora, M.D., Assistant Professor

Medical School
Residency/Subspecialty training

University of Guayaquil, Guayaquil, Ecuador
University of Barcelona, Barcelona, Spain

PUBLICATIONS

1: Oye M, Alkhasawneh A, **Quan JR**. Gamma-Delta Large Granular Lymphocytic Leukemia. A Diagnostic Dilemma. *Cureus* 2022 14(4):e24124. doi 10.7759/cureus.24124

2: Krishnan N, Kiamos A, Wang W, Dodd S, **Quan W Jr**. Langerhans Cell Histiocytosis in the Adult: A Commentary on Diagnosis, Treatment, and Surveillance. *The Hematologist* 20(2), 2023.

3: Kiamos A, Omman R, **Quan JR**. Unusual Instance of Mucosa-associated Lymphoid Tissue (MALT) Lymphoma Confined to a Colonic Polyp. *Cureus* 2023 15(3): e36791. doi:10.7759/cureus.36791

4: Wiemer L, **Quan JR**, Omman R. An Atypical Presentation of an Uncommon Malignancy: Plasmablastic Lymphoma Presenting As Recurrent Scrotal Abscesses. *Cureus* 2023 15(5): e38879. doi:10.7759/cureus.38879

Quan WJR, Krishnan N, Stack A, Quan FM, Rogers C: Initiation and Implementation of Infusional Chemotherapy As a Base Regimen for Increased Risk Lymphoid Malignancy in an Inner-City Academic Institution *Blood* (2022) 140 (Supplement 1): 12140.

5: Boldig K, Kiamos A, Matthews-Hew T, Omman R, **Quan W**. Acute Promyelocytic Leukemia Treatment Masking Hepatic Tuberculosis: A Management Dilemma. *J Hematol* 12:100-104, 2023.

6: **Bastidas-Mora G**, Beà S, Navarro A, Gine E, Costa D, Delgado J, Baumann T, Magnano L, Rivas-Delgado A, Villamor N, Colomer D, Lopez-Guerra M, Rozman M, Balagué O, Martínez D, Baptista MJ, Escoda L, Alcoceba M, Blanes M, Climent F, Campo E, Wotherspoon A, López-Guillermo A, Matutes E. Clinic-biological features and outcome of patients with splenic marginal zone lymphoma with histological transformation. *Br J Haematol*. 2022 Jan;196(1):146-155. doi: 10.1111/bjh.17815.

7: Marta Grau, Cristina López, Alba Navarro, Gerard Frigola, Ferran Nadeu, Guillem Clot, **Gabriela Bastidas**, Miguel Alcoceba, Maria Joao Baptista, Margarita Blanes, Dolors Colomer, Dolors Costa, Eva Domingo-Domènech, Anna Enjuanes, Lourdes Escoda, Pilar Forcada, Eva Giné, Mónica Lopez-Guerra, Olga Ramón, Alfredo Rivas-Delgado, Laura Vicente Folch, Andrew Wotherspoon, Fina Climent, Elias Campo, Armando López Guillermo, Estella Matutes, and Sílvia Beà; Unraveling the genetics of transformed splenic marginal zone lymphoma. *Blood Adv.* 2023 Mar 30;bloodadvances.2022009415. doi: 10.1182/bloodadvances.2022009415. Epub ahead of print. PMID: 36995085.

8: Ortega-Paz L, Arévalos V, Fernández-Rodríguez D, Jiménez-Díaz V, Bañeras J, Campo G, Rodríguez-Santamarta M, Díaz JF, Scardino C, Gómez-Álvarez Z, Pernigotti A, Alfonso F, Amat-Santos IJ, Silvestro A, Rampa L, de la Torre Hernández JM, **Bastidas G**, Gómez-Lara J, Bikdeli B, García-García HM, Angiolillo DJ, Rodés-Cabau J, Sabaté M, Brugaletta S; CV COVID-19 registry investigators. One-year cardiovascular outcomes after coronavirus disease 2019: The cardiovascular COVID-19 registry. *PLoS One.* 2022 Dec 30;17(12):e0279333. doi: 10.1371/journal.pone.0279333.

9: Bonfiglio F, Bruscazzin A, Guidetti F, Terzi di Bergamo L, Faderl M, Spina V, Condoluci A, Bonomini L, Forestieri G, Koch R, Piffaretti D, Pini K, Piroso MC, Cittone MG, Arribas A, Lucioni M, Ghilardi G, Wu W, Arcaini L, Baptista MJ, **Bastidas G**, Bea S, Boldorini R, Broccoli A, Buehler MM, Canzonieri V, Cascione L, Ceriani L, Cogliatti S, Corradini P, Derenzini E, Devizzi L, Dietrich S, Elia AR, Facchetti F, Gaidano G, Garcia JF, Gerber B, Ghia P, Gomes da Silva M, Gritti G, Guidetti A, Hitz F, Inghirami G, Ladetto M, Lopez- Guillermo A, Lucchini E, Maiorana A, Marasca R, Matutes E, Meignin V, Merli M, MocciaA, Mollejo M, Montalban C, Novak U, Oscier DG, Passamonti F, Piazza F, Pizzolitto S, Rambaldi A, Sabattini E, Salles G, Santambrogio E, Scarfò L, Stathis A, Stüssi G, Geyer JT, Tapia G, Tarella C, Thieblemont C, Tousseyn T, Tucci A, Vanini G, Visco C, Vitolo U, Walewska R, Zaja F, Zenz T, Zinzani PL, Khiabanian H, Calcinotto A, Bertoni F, Bhagat G, Campo E, De Leval L, Dirnhofer S, Pileri SA, Piris MA, Traverse-Glehen A, Tzankov A, PaulliM, Ponzoni M, Mazzucchelli L, Cavalli F, Zucca E, Rossi D. Genetic and phenotypic attributes of splenic marginal zone lymphoma. *Blood.* 2022 Feb 3;139(5):732-747. doi: 10.1182/blood.2021012386.

10: Torrente N, Boldig K, Stack A, **Gharia B**. Guillain-Barre Syndrome, a Lepatomenigeal Metastasis Mimic, in a Patient with Metastatic Breast Carcinoma. *Cureus* 2023 15(4):e37079. Doi: 10.7759/cureus.37079
Kiamos A, Streit SG, Karan A, Boldig K, Attarha BO, Kahn Z, Omman R, Schey R, **Gharia B**. Unusual Instance of Primary Diffuse Large B-cell Lymphoma of the Colon. *Cureus* 2023 15(3):e36083. Doi: 10.7759/cureus.36083

11: Karan A, Kiamos A, Stack A, **Gharia B**. Pancreatic herniation: a large pancreatic mass concealed within the intrathoracic cavity. *BMJ Case Rep* 2022 15:e251039. Doi: 10.1136/bcr-2022-251039

CLINICAL ACTIVITY

	AY 22/23
Inpatient Activity	
Number of Inpatient visits	645
Outpatient Activity	
Clinic Visits	5100

CONTRACTS AND GRANTS

Investigator	Grant/Project/Study Title	Project Period	Sponsor	Award Amount
Quan W JR	James E. and Thelma C. Garrison Research Professorship	7/1/2023-6/30/32	James E Garrison estate	N/A
Quan W JR	Non-Malignant Blood Disorder Program	5/1/2021-4/30/2024	The Coastal Blood Foundation	\$595,500
Quan W JR	A Phase 2 Study of the LSD1 Inhibitor IMG-7289 (Bomedemstat) in Patients with Essential Thrombocythaemia		Imago Biosciences	N/A
Quan W JR	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		Delta-Fly Phama	N/A

DIVISION OF INFECTIOUS DISEASE
ACADEMIC YEAR 2023 (7/22 - 6/23)

Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of 4 university based infectious diseases consultants at the primary teaching hospital, all of whom are dually boarded in Internal Medicine and Infectious Diseases. We have an additional 15 ancillary faculty composed of board certified infectious diseases physicians, doctoral level microbiologists, a doctoral level pharmacist, Antimicrobial Stewardship Director and 2 masters level Infection Prevention epidemiologists, who are actively involved in 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 2022-2023 academic year, the division performed over 1700 inpatient infectious diseases consultations.

Outpatient services: The division offered outpatient ID consultation by referral at the Emerson and the Ambulatory Care Clinic (ACC) subspecialty clinics. During the 2022-2023 academic year, there were over 1200 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 3 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.

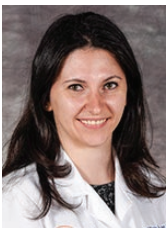
ID Division Conference Schedule: The division maintained a full conferencing schedule with topics including: core infectious diseases topics, regularly scheduled case conferences; ID board reviews; monthly journal club; HIV topical reviews; monthly TB cases and topical reviews; monthly research conferences;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

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. Dr. Isache was an investigator on 3 funded grants including as a Co-I investigator on an NIAID funded grant.

Publications and presentations this past academic year included 12 journal articles published in peer reviewed journals, 3 published ID monographs, 4 presentations and 1 abstract presented at regional and national meetings.

LISTING OF FACULTY MEMBERS



Carmen Isache, M.D., Associate Professor

Medical School
Internship/residency
Subspecialty training

Gr. T. Popa University of Medicine and Pharmacy, Romania
SUNY Downstate Medical Center
University of Florida, Jacksonville (Infectious Disease)



Malleswari Ravi, M.D., Assistant Professor

Medical School
Internship/residency
Subspecialty training

NTR University of Health Sciences, India
SUNY Health Science Center, Stony Brook, NY
University of Florida, Gainesville FL



Michael Sands, M.D., M.P.H.&T.M., Professor and Division Chief

Medical School
Internship/residency
Subspecialty training

Georgetown University, Washington, DC
St. Mary's Hospital, San Francisco, CA
Tulane University School of Public Health & Tropical
Medicine (MPH & TM)
Louisiana State University School of Medicine (Infectious
Disease)

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



Jorge Verdecia, M.D., Assistant Professor

Medical School
Internship/residency

Subspecialty training

Ross University School of Medicine, St. Michael, Barbados
University of Florida College of Medicine-Jacksonville,
Jacksonville, FL
University of Florida College of Medicine-Jacksonville,
Jacksonville, FL

Ancillary Teaching Faculty:

UF Health Hospital Critical Care

James D. Cury, MD
Vandana Seeram, MD
Tracy Ashby, DO.

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

Major Chad Nielsen, MPH, CIC, FAPIC
Stephanie Buchanan, RN, MBA

Mayo Clinic – Transplantation ID

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

Journal

1: Rathore A, Patel F, Gupta N, Asiimwe DD, Rollini F, **Ravi M.** First case of Arcobacter species isolated in pericardial fluid in an HIV and COVID-19 patient with worsening cardiac tamponade. IDCases. 2023 Apr 18;32:e01771. doi:10.1016/j.idcr.2023.e01771

2: Naggie S et al. **Carmen Isache** part of the Accelerating Covid-19 Therapeutic Interventions and Vaccines (ACTIV)-6 Study Group and Investigators. Effect of Higher-Dose Ivermectin for 6 Days vs Placebo on Time to Sustained Recovery in Outpatients With COVID-19: A Randomized Clinical Trial. JAMA. 2023 Mar 21;329(11):888-897. doi: 10.1001/jama.2023.1650.

3: Cole JC, CA Jankowski, **JL Verdecia, CL Isache, MS Ravi**, YS McCarter, AM Casapao. The time for action is now: the impact of timing of infectious disease consultation for Staphylococcus aureus bacteremia. Clin Infect Dis. 2023 Mar3; ciad110. doi:10.1093/cid/ciad110

4: McCarthy MW et al. **Carmen Isache** part of the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV)-6 Study Group and Investigators. Effect of Fluvoxamine vs Placebo on Time to Sustained Recovery in Outpatients With Mild to Moderate COVID-19: A Randomized Clinical Trial. JAMA. 2023 Jan 24;329(4):296-305. doi: 10.1001/jama.2022.24100.

5: Naggie S et al. **Carmen Isache** part of the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV)-6 Study Group and Investigators. Effect of Ivermectin vs Placebo on Time to Sustained Recovery in Outpatients With Mild to Moderate COVID-19: A Randomized Clinical Trial. JAMA. 2022 Oct 25;328(16):1595-1603. doi: 10.1001/jama.2022.18590.

6: Kunz Coyne AJ, Alshaer M, Casapao AM, Venugopalan V, **Isache C**, Ferreira J, Jankowski CA. Effectiveness and Safety of Beta-Lactam Antibiotics with and without Therapeutic Drug Monitoring in Patients with Pseudomonas aeruginosa Pneumonia or Bloodstream Infection. Antimicrob Agents Chemother. 2022 Oct 18;66(10):e0064622. doi: 10.1128/aac.00646-22.

7: Lamers SL, Nolan DJ, LaFleur TM, Lain BN, Moot SR, Huston CR, **Neilsen CD**, Feehan AK, Miele L, Rose R. SARS-CoV-2 genomic surveillance as an evidence-based infection control approach in an offshore petroleum employee population. Am J Infect Control. 2022 Sep;50(9):1013-1019

8: Asiimwe DD, **Ravi M, Isache C**. Fusariosis: An Invasive Fungal Disease in a Neutropenic Patient with Acute Myeloid Leukemia. Cureus. 2022 Sept 18;14(9):e29303. doi:10.7759/cureus.29303

9: **Verdecia JL**, Vootukuri SR, **Sands ML, Isache C**. A Case of Necrotizing Finger Lesions in a Patient With AIDS. Clin Infect Dis. 2022 Aug 1:ciac552. doi: 10.1093/cid/ciac552.

10: **Verdecia JL**, C Jankowski, ML Reynolds, Y McCarter, **M Ravi**. Fungemia due to Aureobasidium pullulans. Med Mycol Case Rep. 2022 Jul 5;37:26-28.

11: **Verdecia JL**, C Jankowski, **CL Isache, C Neilsen**, Y McCarter, **M Sands, M Ravi**. A Case Report of melioidotic prostatic abscess in a traveler. Open Forum Infect Dis, 2022 July 4;9(7):ofac284. doi: 10.1093/ofid/ofac284.

12: Insite START group including **M Sands**. Long term benefits from early antiretroviral therapy initiation in HIV infection. NEJM Evidence 2023;2 (3)1-12

Presentations:

Gina M. Belfiore, Pharm.D., Christopher A. Jankowski, Pharm.D., BCPS, BCIDP, **Carmen L. Isache, MD, Jorge L. Verdecia, MD, Malleswari S. Ravi, MD**; Matthew Feldhammer, Ph.D., Diagnostic Stewardship of Procalcitonin by Implementation of Computer-Based Decision Support During Order Entry. Research Day UF, June 8, 2023.

J Chase Cole, Christopher A Jankowski, **Jorge L Verdecia, Carmen L Isache, Malleswari S Ravi**, Yvette S McCarter, Anthony M Casapao. The Time for Action is Now: The Impact of Timing with Infectious Diseases Consultation for Staphylococcus aureus Bacteremia. Poster Presentation at ID Week October 2022. Virtual.

Monographs and Book Chapters:

Mucormycosis. Palnitkar R, **Sands M**. BMJ Point-of-Care 2009, updated 2023; www.pointofcare.bmj.com.

Non-Cholera Vibrio infections. **Sands M. Isache C** BMJ Point-of-Care 2009, updated 2023; www.pointofcare.bmj.com.

Hantavirus infections. **Sands M. Isache C**. BMJ Point-of-Care 2009, updated 2023

CLINICAL ACTIVITIES

	AY 22/23
Inpatient activity	
Consults	1766
Subsequent visits	
Outpatient activity	
Clinic Visits	1251

Honors and Awards

Carmen Isache	Exemplary Teacher Award
Malleswari Ravi	Exemplary Teacher Award
Michael Sands	Exemplary Teacher Award

GRANTS AND CONTRACTS

Principal Investigator	Study Title	Project Period	Sponsor
M. Sands	Developing and assessing whole genome sequencing analysis for molecular epidemiology of MRSA infections at a Florida hospital	7/18 – 7/21	FoxSeq
C. Isache (co-PI)	Immunophenotyping Assessment in a COVID-19 Cohort (IMPACC))	6/20 – 4/22	NIAID
C Isache	ACTIV-6: COVID-19 Outpatient Randomized Trial to Evaluate Efficacy of Repurposed Medications	10/21 to present	Duke University
C. Isache	Study to Evaluate the Safety, Tolerability, and Efficacy of BGE-175 in Hospitalized Adults With Coronavirus Disease 2019 (COVID-19) That Are Not in Respiratory Failure	01/22 to 6/22	BioAge Labs, Inc.

DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2023 (7/22 - 6/23)

Highlights

In the 2022 - 2023 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 ventures with DCI, and more recently Fresenius Units, have 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. Lynne Conderman, ARNP was hired this year to assist with this dialysis mission.

In education, the Nephrology fellowship progressed successfully with continuation of Simulation Trainings and renal transplant rotations at Mayo Jacksonville, plus the Emerson (moved to Deerwood location) and Downtown clinics with renal transplant patients. The Deerwood site Renal Transplant Clinic has been staffed by Dr. Vishal Jaikaransingh with Renal Fellows rotating through the clinic. The Downtown Post-Renal Transplant Clinic has been staffed by Dr. Ronald Mars along with Renal Fellows rotating through the clinic.

Doctors Hafiz Khan and Bhaktidevi Makadia joined the Nephrology faculty this year as new Assistant Professors, and will assist with coverage of the UF North Hospital and Clinics.

Dr. Vishal Jaikaransingh continues in his role as the Associate Program Director for the fellowship, and as the organizer of the fellows' Renal Physiology and General Nephrology Lecture Series. He also received an Exemplary Teacher Award and Highest Patient Experience Award in the Division.

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 Mayo Clinic Jacksonville core lecture series on renal transplantation.

The Division presented abstracts live at the 2022 ASN Meeting. The research laboratory of Dr. Charles Heilig continued 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.

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

Patient care: The Division of Nephrology provided physician and ARNP services at 6 outpatient dialysis centers, and the Medical Director services for 2 of these. Dialysis Services provided included hemodialysis (HD), peritoneal dialysis (PD). UF Nephrology also provided services to the inpatient UF Health Jacksonville acute hemodialysis unit and for ICU CRRT treatments. Faculty clinics were staffed at the Towers Clinic on the downtown campus by the nephrology faculty members, at the Emerson and then Deerwood Transplant Clinics by Dr. Vishal Jaikaransingh, and at the UF North Nephrology Clinics by 5 faculty members. 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, and the Correctional Facility Clinic. The inpatient Nephrology Acute and Chronic Consult Services were staffed by two faculty members and two fellows. These two services continued to provide important educational platforms for fellows, medical residents & students. Dr. Alaa Awad was the Quality Officer for the Division, and Medical Director of Dialysis.

The Division continues to work 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 then Deerwood Transplant Clinics continued to serve as additional platforms for education of the fellows and care of renal transplant patients.

Education: The fellows' Renal Physiology Lecture Series, initiated in 2010, was incorporated into the general lecture schedule 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 Nephrology faculty continue to participate in educational programs for the Medicine residents, including the 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.

The Internal Medicine Update 2023 was held April 29, 2023 as a virtual conference, with Activity Director Charles W. Heilig, M.D., and assistance from Casandra Caroccio and the IMU Planning Committee

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 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 investigated mechanisms of glomerulosclerosis in patients with nondiabetic or diabetic renal disease. Dr. Ronald Mars investigated the efficacy of modified dialysis prescriptions for cost saving in hemodialysis. Dr. Alaa Awad joined the faculty in December 2021, and continues his studies on diabetic kidney disease.

The Nephrology fellows participated in various different research studies & scholarly activities as part of their research training. Fellows also participated in scholarly activities for the 2022 American Society of Nephrology Meeting. The Nephrology Division produced 4 manuscripts, 3 abstracts, and 3 presentations.

Special Initiatives:

Nephrology Fellows' Quality Improvement Project in Dialysis: The faculty worked with the fellows on this important activity in hemodialysis 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

**Alaa Awad, M.D., Professor**

Medical School
Internship/residency
Subspecialty training

Cairo University School of Medicine, Egypt
Penn State Hershey Medical Center
UT – Health San Antonio, TX

**Md. Irtiza Hasan, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training

Ibrahim Medical College, Dhaka, Bangladesh
BIRDEM General Hospital, Dhaka, Bangladesh
University of Florida College of Medicine, Jacksonville, FL

**Charles Heilig, M.D., Professor and Division Chief**

Medical School
Internship/residency
Subspecialty training

University of Minnesota
Mayo Clinic Rochester
Brigham and Women's Hospital, Harvard Medical School

**Vishal Jaikaransingh, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training
Subspecialty training

University of the West Indies, Trinidad
University of Florida College of Medicine, Jacksonville, FL
UT Southwestern Medical Center, Dallas, Texas
University of Virginia Hospitals, Charlottesville, VA

**Pradeep Kadambi, M.D., M.B.A., Professor and Senior Associate Dean, Clinical Affairs**

Medical School
Professional Education
Internship/residency
Subspecialty training
Subspecialty training

Bangalore University, Bangalore, India
Northwestern University
Yale University School of Medicine
Yale University School of Medicine
University of Chicago– Transplant Nephrology

**Hafiz Khan, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training

Aga Khan University, Karachi, Pakistan
University of Cincinnati College of Medicine, Cincinnati, OH
University of Florida College of Medicine, Jacksonville, FL

**Bhaktidevi Makadia, M.D., Assistant Professor**

Medical School
Internship/residency
Subspecialty training

Saba University School of Medicine, Saba, Netherlands-Antilles
Brooklyn Hospital Centers, Brooklyn, NY
State University of New York at Stony Brook, Stony Brook, NY

**Ronald Mars, M.D. Associate Professor**

Medical School
Internship/residency
Subspecialty training

St Louis University
Emory University
Emory University

PUBLICATIONS**Manuscripts:**

- 1: **Awad AS**, Abdel-Rahman EM. Clinical Advances in Kidney Failure: AKI. J Clin Med. 2023 Feb 27;12(5):1873.
- 2: Turgut F, **Awad AS**, Abdel-Rahman EM. Acute Kidney Injury: Medical Causes and Pathogenesis. J Clin Med. 2023 Jan 3;12(1):375.
- 3: Guo HJ, Karan A, Kiamos A, **Jaikaransingh V**. Hypercalcemia secondary to acute rhinovirus infection. BMJ Case Rep. 2022;15(11):e253846. 2022 Nov 30. doi:10.1136/bcr-2022-253846
- 4: Alwagdani A, **Awad AS**, Abdel-Rahman EM. Optimum Post-Discharge Care of Acute Kidney Injury (AKI) Survivors. J Clin Med. 2022 Oct 25;11(21):6277.

ABSTRACTS:

- Alvarez-Retamales V, Heilig C.** A Case of Chronic Lactic Acidosis in an Adult Female. ASN meeting, Orlando, FL. 2022. JASN 33 (Abstract Suppl.), 2022.
- Rothweiler S, Liu S, Makary RF, **Awad AS**: Microscopic Polyangiitis presenting as Diffuse Alveolar Hemorrhage. ASN 2022, Orlando, FL, November 3-6, 2022.
- Rothweiler S, Badami S, Patel B, Seeram VK, **Awad AS**: Small Vessels, Big Problems: Microscopic Polyangiitis presenting as Diffuse Alveolar Hemorrhage. CHEST 2022 Annual Meeting, Nashville, TN October 16-18, 2022.

PRESENTATIONS

- Jaikaransingh V**: Xenotransplantation – The Ten Gene Pig. Urology Grand Rounds, Jacksonville, FL, June 14, 2023
- Jaikaransingh V**: Kidney Xenotransplantation, Only When Pigs Fly? Internal Medicine Grand Rounds, Jacksonville, FL, January 18, 2023.
- Jaikaransingh V**: Acute Hyponatremia. UF North ICU Critical Care Monthly Lecture Series, Jacksonville, FL, August 15, 2022.

HONORS AND AWARDS

- Vishal Jaikaransingh, MD: University of Florida Exemplary Teacher Award 2022-2023
UF Health Jacksonville -Highest patient experience scores in Nephrology during Fiscal Year 2022-2023
- Charles W. Heilig, M.D.: Department of Defense, Congressionally Directed Medical Research Program, Grant Review Panel, 2022.

CLINICAL ACTIVITIES

Inpatient activity	AY 22/23
Initial inpatient encounters	1543
Inpatient dialysis treatments	3306
Outpatient activity	
Clinic visits	3792
Outpatient dialysis visits (full month)	2425

DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2023 (7/22 - 6/23)

Highlights

The Division of Pulmonary, Critical Care, and Sleep Medicine has experienced significant growth. Since Dr. Mehdi Mirsaeidi joined as Division Chief in November 2021, we've welcomed three new faculty members. We've also acquired robotic bronchoscopy equipment to enhance lung cancer investigations in our bronchoscopy unit. Additionally, we initiated the UF Health North Pulmonary Consult service, which includes a fellow and a dedicated attending, resulting in a substantial increase in procedures at UF North.

Our fellowship program has expanded, adding one critical care fellow and planning for one more fellow for Pulmonary Critical Care starting in 2025. This will bring the total number of fellows to five in Pulmonary and Critical Care, with one Critical Care fellow joining annually. Our fellowship training program remains highly sought-after, receiving nearly 600 applications for the three available positions each year.

In the academic realm, our division continues to thrive, with a strong focus on clinical and original research, resulting in over 11 published papers in high-impact journals this year. Our faculty members actively participate in various committees and assemblies of organizations such as the American Thoracic Society, American College of Chest Physicians, and Pulmonary Hypertension Association.

Our fellows, under faculty mentorship, are actively engaged in numerous clinical studies, including those related to COVID-19. We've also had multiple abstracts presented at national and international conferences and have been represented in various educational lectures at national and international meetings.

A notable achievement this year was the approval of our patent application #T19036 by UF Innovation. This patent pertains to a novel therapeutic cocktail for the treatment of *Pseudomonas aeruginosa* infections.

Patient care: The division's faculty plays a crucial role in staffing a variety of specialty and general pulmonary clinics. Here are some highlights:

The asthma clinic, under the supervision of Dr. Cury, remains a part of the American Lung Association Asthma Clinical Research Network and actively participates in industry-funded clinical research in this area. The pulmonary hypertension clinic, led by Dr. Seeram with Dr. Najjar's involvement, is well-recognized locally and receives referrals from coastal regions. It is on track to become a Regional Referral Center after a successful site visit in December 2019. The clinic also hosts a virtual Pulmonary Hypertension support group with nationally renowned guest speakers.

The Interstitial Lung Disease and Sarcoidosis clinic, led by Dr. Mirsaeidi, continues to expand and participates in numerous clinical trials in the field. It has initiated Multidisciplinary Diagnostic Decision (MDD) meetings in collaboration with the Division of Rheumatology, Department of Radiology, and Pathology.

The fellows' continuity clinic is supervised by faculty three days a week and has seen an increase in pulmonary function, 6MWT, NIOX testing, and the addition of an oxygen assessment and 6-minute walk clinic.

The thoracic oncology clinic takes a multidisciplinary approach to patients with thoracic malignancies. The bronchoscopy program at the North campus has expanded, including the addition of robotic bronchoscopy procedures.

The MICU continues to care for high-complexity patients, with an increase in the number of fellows to address patient referrals from UF Health North.

The inpatient pulmonary consult service has seen increased efficiency and timeliness of procedures with the evolution of the bronchoscopy, thoracoscopy, and right heart catheterization suite. Pulmonary consult service at UF North has initiated and will continue to grow.

The Division plays a central role in Sleep Medicine, operating an accredited 8-bed Sleep Center across campuses. Dr. Lewis, as Sleep Program director, is involved in quality improvement initiatives and research in sleep medicine. Dr. Li is a new faculty member who will extend our sleep services at UF North and Downtown.

Additionally, Dr. Mirsaeidi has initiated the NTM Board for Lung Transplant, a multi-disciplinary meeting for lung transplant candidates or recipients with NTM disease, involving both Gainesville and Jacksonville Medical campuses.

Education: The faculty has been invited to present lectures at international conferences such as ATS, CHEST, and SETA in the past year, which is a reflection of national recognition of our division. Our faculty have been delivering talk and presentation at other universities including local and international.

The division continues to play an active role in educational core lecture series including Grand Rounds and Updates in Internal Medicine 2022-2023. 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. 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 Lewis presented at the Chest 2022 which was held virtually. Dr. Mirsaeidi Presented at ATS 2022 that was held in San Francisco.

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 achieved notable success in both obtaining and sustaining clinical research trials, including funded research from sources such as dean's grants, UF clinical quality grants, and investigator-initiated trials. Additionally, there has been a substantial increase in the number of internal, unfunded clinical research protocols, leading to the presentation of high-quality abstracts at national and international meetings.

Dr. Mirsaeidi's team has established a dedicated basic science research lab, which has facilitated the division's participation in collaborative translational research protocols. This includes the development of

a lung cancer research team, collaboration with the UF Cancer Center, and involvement with the UF Phage Center.

A significant achievement this year was the approval of our patent application #T19036 by UF Innovation. This patent is related to a novel therapeutic cocktail for the treatment of *Pseudomonas aeruginosa* infections.

Our faculty members have authored numerous publications in peer-reviewed journals and have manuscripts in preparation. Collaboration with other departments sharing common research interests remains pivotal for the development of future protocols and publications.

LISTING OF FACULTY MEMBERS



Tracy Ashby, D.O., Assistant Professor

Medical School
Internship/residency
Subspecialty training

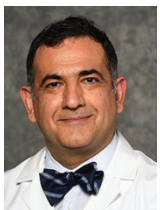
Lincoln Memorial University
University of Florida/Jacksonville
University of Florida/Jacksonville



James D. Cury, M.D., Associate Professor

Medical School
Internship/residency
Subspecialty training

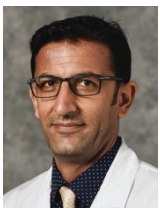
University of Miami
Barnes Hospital/Washington
Washington University



Mehdi Mirsaeidi, M.D., MPH, Professor and Chief

Medical School
Internship/residency
Subspecialty training

Qazvin University of Medical Sciences
George Washington University
University of Illinois at Chicago



Abdolrazagh Hashemi Shahraki Ph.D. Lab manager

Undergraduate School
Ph.D., Environmental Science

University of Ahvaz
University of Windsor



Mariam Louis, M.D., Associate Professor

Medical School
Internship/residency
Subspecialty training

McGill University
McGill University
McGill University (Pulmonary Medicine)
Johns Hopkins University (Sleep
Medicine)



Nimeh Najjar, M.D., Assistant Professor

Medical School
Internship/residency
Subspecialty training

Ross University School of Medicine
University of Florida/Jacksonville
University of Florida/Jacksonville



Vandana Seeram, M.D., Associate Professor

Medical School
Internship/residency
Subspecialty training

University of West Indies
University of Florida/Jacksonville
University of Florida/Jacksonville

PUBLICATIONS

Manuscripts:

Over this period, we have made substantial strides in publishing a total of 11 manuscripts in esteemed journals, reflecting a wide range of research interests. Here are the detailed citations:

1: Solo-Gabriele HM, Kumar S, Abelson S, Penso J, Contreras J, Babler KM, Sharkey ME, Mantero AMA, Lamar WE, Tallon JJ, Jr., Kobetz E, Solle NS, Shukla BS, Kenney RJ, Mason CE, Schurer SC, Vidovic D, Williams SL, Grills GS, Jayaweera DT, **Mirsaeidi M**, Kumar N. Predicting COVID-19 cases using SARS-CoV-2 RNA in air, surface swab and wastewater samples. *Sci Total Environ* 2023; 857: 159188.

2: Rezaee M, Zangiabadian M, Soheili A, Calcagno TM, Rahmanna M, Dinparastisaleh R, Nasiri MJ, **Mirsaeidi M**. Role of anti-tumor necrosis factor-alpha agents in treatment of sarcoidosis: A meta-analysis. *Eur J Intern Med* 2023; 109: 42-49.

3: Ortakoylu MG, Kibar Akilli I, Kilic L, Akbaba Bagci B, Akalin ES, Aksan AD, Toprak S, **Mirsaeidi M**. Management of Polydrug-Resistant Tuberculosis. *Medicina (Kaunas)* 2023; 59.

4: **Mirsaeidi M**, Baughman RP, Sahoo D, Tarau E. Results From a Phase 4, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of Repository Corticotropin Injection for the Treatment of Pulmonary Sarcoidosis. *Pulm Ther* 2023; 9: 237-253.

5: Lee YC, Chang KY, **Mirsaeidi M**. Association of County-degree Social Vulnerability with Chronic Respiratory Disease Mortality in the United States. *Ann Am Thorac Soc* 2023; 20: 47-57.

6: Hashemi Shahraki A, Vahed M, **Mirsaeidi M**. Complete Genome Sequencing of the Novel Pseudomonas aeruginosa Phage UF_RH1. *Microbiol Resour Announc* 2023; e0013923.

7: Bayram H, Rice MB, Abdalati W, Akpinar Elci M, **Mirsaeidi M**, Annesi-Maesano I, Pinkerton KE, Balmes JR. Impact of Global Climate Change on Pulmonary Health: Susceptible and Vulnerable Populations. *Ann Am Thorac Soc* 2023.

8: Asif H, Rahaghi FF, Ohsumi A, Philley J, Emtiazjoo A, Hiramama T, Baker AW, Shu CC, Silveira F, Poulin V, Rizzuto P, Nagao M, Burgel PR, Hays S, Aksamit T, Kawasaki T, Dela Cruz C, Aliberti S, Nakajima T, Ruoss S, Marras TK, Snell GI, Winthrop K, **Mirsaeidi M**. Management of nontuberculous mycobacteria in lung transplant cases: an international Delphi study. *ERJ Open Res* 2023; 9.

9: Solo-Gabriele HM, Kumar S, Abelson S, Penso J, Contreras J, Babler KM, Sharkey ME, Mantero AMA, Lamar WE, Tallon JJ, Jr., Kobetz E, Solle NS, Shukla BS, Kenney RJ, Mason CE, Schurer SC, Vidovic D, Williams SL, Grills GS, Jayaweera DT, **Mirsaedi M**, Kumar N. COVID-19 Prediction using Genomic Footprint of SARS-CoV-2 in Air, Surface Swab and Wastewater Samples. *medRxiv* 2022.

10: Sharifi A, Dinparastisaleh R, Kumar N, **Mirsaedi M**. Health effects of radioactive contaminated dust in the aftermath of potential nuclear accident in Ukraine. *Front Public Health* 2022; 10: 959668.

11: Shahraki AH, Tian R, Zhang C, Fregien NL, Bejarano P, **Mirsaedi M**. Anti-inflammatory Properties of the Alpha-Melanocyte-Stimulating Hormone in Models of Granulomatous Inflammation. *Lung* 2022; 200: 463-472.

Abstract/Presentations:

We also had the opportunity to present six abstracts at the esteemed American Thoracic Society Meeting 2023, which covered a variety of pertinent subjects including lung cancer association with social vulnerability and machine learning predictions for COVID-19 mortality, and bacteriophage therapy.

Lee Y-C, Chang K-Y, Thapar R, Tameez Ud Din A, Tseng C, Lee Y, Chan S-Y, **Mirsaedi M**. Association of Lung Cancer Incidence, Mortality, and Comorbidity With Social Vulnerability in the United States. C24 DISPARITIES IN THE HEALTH EFFECTS OF CLIMATE CHANGE AND POLLUTANTS: American Thoracic Society; 2023. p. A4621-A4621.

Hashemi Shahraki A, Dinparastisaleh R, McCarter Y, Yu F, Riva A, Koh J, Hoang Q, Masood S, **Mirsaedi M**. Isolation of Lytic Phages Against Multi-drug Resistant *Pseudomonas Aeruginosa* From Respiratory Secretions. A62 BACTERIA, FIND OUT WHAT IT MEANS TO ME: American Thoracic Society; 2023. p. A2088-A2088.

Hashemi Shahraki A, Dinparastisaleh R, McCarter Y, Yu F, Riva A, Koh J, Hoang Q, Masood S, **Mirsaedi M**. UF Phage Center: A Center to Combat Multidrug-and Pandrug-resistant Bacteria. A62 BACTERIA, FIND OUT WHAT IT MEANS TO ME: American Thoracic Society; 2023. p. A2089-A2089.

Hashemi Shahraki A, Banoei M, Abdelal Q, **Mirsaedi M**. Machine Learning Based Model to Predict COVID-19 Mortality Using Clinical Data and Serum Cytokine Levels. A44 COVID AND ITS CONSEQUENCES: PART I: American Thoracic Society; 2023. p. A1650-A1650.

Dinparastisaleh R, Izzo C, Hashemi Shahraki A, Najjar N, **Mirsaedi M**. Acceptance and Adherence to Coronavirus Disease 2019 Vaccination Among Interstitial Lung Disease Patients. B40 POTPOURRI IN ILD: SPANNING THE SPECTRUM FROM RARE TO COMMON LUNG DISEASES: American Thoracic Society; 2023. p. A3281-A3281.

Dinparastisaleh R, Boppana L, Hashemi Shahraki A, Najjar N, **Mirsaedi M**. Risk Assessment for Acute Exacerbations of Interstitial Lung Disease. A38 ADVANCING OUR UNDERSTANDING AND TREATMENT OF ILD: American Thoracic Society; 2023. p. A1492-A1492.

CLINICAL ACTIVITIES

	AY 22/23
Inpatient activity	
Initial Inpatient Encounters	711
Outpatient activity	
Clinical Visits	5478
Procedures	
Bronchoscopies	662
Sleep Studies	1548

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award	Notes
Cury	Leep : enrollment closed Losartan Effects on Emphysema Progression (COPD)	2017 - present	John Hopkins	\$4,500	Pt count: 31
Cury	Leep COVID: enrollment closed Losartan Effects on Emphysema Progression (LEEP) COVID-19 Ancillary Study Protocol	3/2019 - present	John Hopkins	\$10,760	Pt count: 8
Cury	Match – enrollment open Improving medication adherence with telehealthcare medication therapy management to change health outcomes in adolescents and young adults with asthma	2018 - present	John Hopkins	\$535pp	Pt count: 0
Cury	D3251C00014 Resolute - enrollment closed 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)	1/2020 – present	AstraZenca	\$20,072.96	Pt count: 1
Seeram	Sphere enrollment closed: Upravi® (Selexipag): the usErs dRug rEgistry	11/2017 - present	Actelion	\$37,625	Pt count: 6
Seeram	RIN-PH-202 – roll-over of RIN-PH-201 enrollment closed An Open-Label Extension study of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease	11/2017 – 3/8/2022	United Therapeutics	\$42,881.28	Pt Count: 1
Najjar	BI 1199.248 – rollover of 1199.247 enrollment closed An open-label extension trial of the long-term safety of nintedanib in patients with Progressive Fibrosing Interstitial Lung Disease (PF-ILD)	5/2019 – 6/15/2023	BI	\$30,358	Pt count: 2
Seeram	FGCL-3019-091A – FibroGen - enrollment open Phase 3, randomized, double-blind, placebo-controlled efficacy and safety of pamrevlumab in subjects with IPF	3/2020 - present	FibroGen, Inc	\$30,800	Pt count: 2
Ashby	Starscape PRM-151-303 WA42293 – SIV 9/16! A Phase 3 Randomized, Double-Blind, Placebo-Controlled Trial To Evaluate The Efficacy And Safety Of PRM-151 In Patients With Idiopathic Pulmonary Fibrosis	10/1/2020-2022	F. Hoffmann-La Roche Ltd	\$22,818	
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	1/7/2022-12/2022	F. Hoffmann-La Roche Ltd	\$19,604	
Cury	Genetech – 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	\$15,357	

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	\$45,557	Pt count: 57
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	\$31,572 Enroll:3	
Cury	Tobacco Heating System – on hold until ?	1/2020	Icon	N/A	
Mirsaeidi	BI 1291853. A Randomised, Double-blind, Placebo-controlled, Parallel Group, Dose-finding Study Evaluating Efficacy, Safety and Tolerability of BI 1291583 qd Over at Least 24 Weeks in Patients With Bronchiectasis (Airleaf™)	3/2022-Present	BI	\$45,991.80 Enroll: 2	
Mirsaeidi	OP-101-004. A Study to Evaluate OP-101 (Dendrimer N-acetyl-cysteine) in Severe Coronavirus Disease 2019 (COVID-19) Patients (PRANA)	8/2020-8/12022	Ashvattha Therapeutics, Inc.	\$18,155	
Mirsaeidi	PTK0796-NTM-20203. Oral Omadacycline vs. Placebo in Adults With NTM Pulmonary Disease Caused by Mycobacterium Abscessus Complex (MABc)	10/2021-Present	Paratek Pharmaceuticals	\$21,580.00	
Mirsaeidi			Vascome Therapeutics	\$31,398.90	
Mirsaeidi	Oberon. Efficacy and Safety of Tozorakimab in Symptomatic Chronic Obstructive Pulmonary Disease With a History of Exacerbations	1/2022-Present	AstraZeneca	\$23,107.50	
Mirsaeidi	EBO, A Phase 2/3, Randomized, Double-blind, Placebo-controlled, Multicenter, Prospective Study to Assess the Efficacy, Safety, and Pharmacokinetics of Orally Administered Epetraborole in Patients With Treatment-refractory Mycobacterium Avium Complex Lung Disease	5/2022-Present	AN2 Therapeutics	\$21,500	

DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2023 (7/22 - 6/23)

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 in July 2018. Our latest graduate, Dr Sukhraj Singh completed his fellowship in June 2022 and started private practice in Orlando, 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 relocation of the East clinic, faculty, fellows, clinic and administrative staff worked hard to rapidly transition the practice to allow continuity of care of patients. Dr Ramrattan accepted a position in South Florida. We are grateful for her contributions to the division.

Patient care: Despite the challenges posed by the relocation of the Jacksonville East practice, the Division maintained its 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 is a major cornerstone in the growth and development of our academic program. The fellowship provides a strong clinical focus as well as many opportunities in clinical research, quality improvement as well as musculoskeletal ultrasound.

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

The division has remained active in education at the national and international level especially in musculoskeletal ultrasound. These efforts have included presentations at national and international meetings

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 and has two research coordinators. 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. The Division has collaborated with multiple national renowned researchers. 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 convergence meeting.

LISTING OF FACULTY MEMBERS



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

Medical School
Internship/residency
Subspecialty training

The London Hospital Medical College, London, UK
University of Tennessee College of Medicine
University of Tennessee College of Medicine



Laurie A. Ramrattan, M.B.B.S., Assistant Professor

Medical School
Internship/residency
Subspecialty training

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



Karishma Ramsubeik, M.D., Assistant Professor

Medical School
Internship/residency
Subspecialty training
Subspecialty training

University of West Indies
University of Florida College of Medicine-Jacksonville
Jackson Health System, Miami FL (Geriatrics)
University of Wisconsin (Rheumatology)



Myint Thway, M.D., Assistant Professor

Medical School
Internship/residency
Subspecialty training

Institute of Medicine, Yangon, Myanmar
Lutheran Medical Center, New York
University of Miami, Miller School of Medicine

PUBLICATIONS

Manuscripts:

1: Ranganath VK, Ben-Artzi A, Brook J, Suliman Y, Floegel-Shetty A, Woodworth T, Taylor M, Ramrattan LA, Elashoff D, **Kaeley GS**. Optimizing Reliability of Real-Time Sonographic Examination and Scoring of Joint Synovitis in Rheumatoid Arthritis. *Cureus*. 2022 Nov 2;14(11):e31030. doi: 10.7759/cureus.31030. PMID: 36475184; PMCID: PMC9718660.

2: Palominos PE, Fernández-Ávila DG, Coates LC, Adebajo A, Toukap AN, Abogamal A, Polachek A, van Kuijk AWR, Caso F, de Marco G, **Kaeley GS**, Steinkoenig I, Chau J, Feletar M, Vis M, Elkayam O, Sewerin P, d'Angelo S, Aydin SZ, AlShehhi W, Helliwell PS. Management of Dactylitis in Patients With Psoriatic Arthritis: An Updated Literature Review Informing the 2021 GRAPPA Treatment Recommendations. *J Rheumatol*. 2022 Nov 1;jrheum.220311. doi: 10.3899/jrheum.220311. Epub ahead of print. PMID: 36319013.

3: Chandler Z, Seamon K, **Ramsubeik K, Kaeley G**. A case of knuckle pad syndrome in a middle-aged man. *Clin Case Rep*. 2022 Dec 20;10(12):e6740. doi: 10.1002/ccr3.6740. PMID: 36545555; PMCID: PMC9764040.

4: **Thway M, Ramrattan LA** (2022): Positive ANA (Antinuclear Antibody) Test in Elsevier Clinical Overview - in Press

5: Ranganath VK, La Cava A, Vangala S, Brook J, Kermani TA, Furst DE, Taylor M, **Kaeley GS**, Carpenter C, Elashoff DA, Li Z. Improved outcomes in rheumatoid arthritis with obesity after a weight loss intervention: randomized trial. *Rheumatology (Oxford)*. 2023 Feb 1;62(2):565-574. doi: 10.1093/rheumatology/keac307. PMID: 35640116.

6: **Kaeley GS**, Schett G, Conaghan PG, McGonagle D, Behrens F, Goupille P, Gaillez C, Parikh B, Bakewell C. Enthesitis in patients with psoriatic arthritis treated with secukinumab or adalimumab: a post hoc analysis of the EXCEED study. *Rheumatology (Oxford)*. 2023 Apr 25;kead181. doi: 10.1093/rheumatology/kead181. Epub ahead of print. PMID: 37097894.

7: Gonzalez-Ramos K, **Ramsubeik K, Kaeley G**. Case of calcinosis cutis associated with Sjogren's syndrome. *Clin Case Rep*. 2023 Jun 26;11(6):e7628. doi: 10.1002/ccr3.7628. PMID: 37384232; PMCID: PMC10293582.

Book Chapters: N/A

Books: N/A

Electronic Publication Monographs:

Otalora Rojas L, **Ramsubeik, K**. Protocol: Rituximab treatment in adult patients with idiopathic inflammatory myositis (IIM): a systematic review and meta-analysis. syndrome Registered in Prospero on 9/4/22. Registration number CRD42022353740

Abstracts Presented:

Thway M, Kaeley G, Ramsubeik K, Ramrattan L, Otalora Rojas L, Singh S. Rheumatoid Arthritis – Are We Getting to Target? [abstract]. *Arthritis Rheumatol*. 2022; 74 (suppl 9). <https://acrabstracts.org/abstract/rheumatoid-arthritis-are-we-getting-to-target/>. Accessed November 16, 2022

Singh S, **Kaeley G**. Screening of Lipids in Patients with Rheumatoid Arthritis: Academic Rheumatology Practice Quality Improvement Analysis [abstract]. *Arthritis Rheumatol*. 2022; 74 (suppl 9). <https://acrabstracts.org/abstract/screening-of-lipids-in-patients-with-rheumatoid-arthritis-academic-rheumatology-practice-quality-improvement-analysis/>. Accessed November 16, 2022.

Eder L, Ma F, Marin J, Kohler M, Vinh J, Polachek A, Roseff M, Rodriguez E, Tinnazzi I, Haddad A, Carron P, Alves Ferreira Martins M, Bakewell C, Afgani F, Cook R, Aydin S, **Kaeley G**. Understanding Inter-rater Variability in Scoring of Enthesal Lesions: Results from the Diagnostic Ultrasound Enthesitis Tool (DUET) Study [abstract]. *Arthritis Rheumatol*. 2022; 74 (suppl 9). <https://acrabstracts.org/abstract/understanding-inter-rater-variability-in-scoring-of-enthesal-lesions-results-from-the-diagnostic-ultrasound-enthesitis-tool-duet-study/>. Accessed November 16, 2022.

Activities and Presentations:

Presentations at National and International Meetings

Veena K Ranganath, **Gurjit S Kaeley**. RRUSS (Reader reliability ultrasound scoring standardization) study analysis of round one reliability synovitis scoring. USSONAR Annual Meeting, Universal City, Los Angeles, California. July 2022.

Gurjit S Kaeley, Veena K Ranganath. Reaching for better reliability – case examples from the RRUSS (Reader reliability ultrasound scoring standardization) study. USSONAR Annual Meeting, Universal City, Los Angeles, California. July 2022.

Gurjit S Kaeley, Veena K Ranganath. Faculty breakout session – demonstration and teaching of non-USSONAR standard views for synovitis assessment. USSONAR Annual Meeting, Universal City, Los Angeles, California. July 2022.

Gurjit S Kaeley. Imaging Optimization for Enthesitis. GRAPPA Annual meeting workshop. New York. July 2022.

Gurjit S Kaeley. Introduction to musculoskeletal ultrasound. South Eastern Rheumatology Fellows (SERF) Annual Symposium. Tampa, FL. October 2022.

Gurjit S Kaeley. Sonography of the hand and wrist. South Eastern Rheumatology Fellows (SERF) Annual Symposium. Tampa, FL. October 2022.

Gurjit S Kaeley. Ultrasound of the knee. South Eastern Rheumatology Fellows (SERF) Annual Symposium. Tampa, FL. October 2022.

Gurjit S Kaeley. Hands-on musculoskeletal ultrasound instructor. South Eastern Rheumatology Fellows (SERF) Annual Symposium. Tampa, FL. October 2022.

Gurjit S Kaeley, Veena Ranganath. The Great Debate: What is the Target in RA, Clinical vs. Ultrasound Remission? Ultrasound Community Hub. American College of Rheumatology Annual Meeting. Philadelphia. November 2022.

Gurjit S Kaeley. Invited faculty for hands-on instruction of workshop – hand and wrist, elbow, shoulder, hip, knee, and ankle. USSONAR (Ultrasound School of North American Rheumatologists) Fundamentals Mid-Year Musculoskeletal Ultrasound Course. Dallas, Texas. January 2023.

Gurjit S Kaeley. Invited faculty for hands-on instruction of interventional cadaver workshop. USSONAR (Ultrasound School of North American Rheumatologists) Fundamentals Mid-Year Musculoskeletal Ultrasound Course. Dallas, Texas. January 2023.

Gurjit S Kaeley. Applications of Ultrasound in Current Rheumatology Practice. American College of Rheumatology Education Exchange 2023. Orlando, Florida. April 2023.

Gurjit S Kaeley. Regional Shoulder Exam. Fellows in Training Session at the American College of Rheumatology Education Exchange 2023. Orlando, Florida. April 2023.

Gurjit S Kaeley. Practical Rheumatoid Synovial Scoring with Ultrasound. Advanced Track, 2023 USSONAR (Ultrasound School of North American Rheumatologists) Multi-Track Musculoskeletal Ultrasound Conference. Tampa, May 2023.

Gurjit S Kaeley. Invited faculty for hands-on instruction of workshop – Ankle and Subtalar Joint, Advanced Shoulder, Tendinopathy, Synovial Scoring, and Crystalline Arthropathy. Advanced Track, 2023 USSONAR Multi-Track Musculoskeletal Ultrasound Conference. Tampa, May 2023.

Presentations at Regional Meetings

Gurjit S Kaeley. Rheumatology Update. Division of Medicine, University of Florida College of Medicine, Jacksonville Internal Medicine Update. Virtual Meeting April 2023.

CLINICAL ACTIVITIES

	AY 22/23
Inpatient Activity	
Initial Inpatient Encounters	145
Outpatient Activity	
Clinic Visits	6986
US, extremity, nonvascular	532

CONTRACTS AND GRANTS

Principal Investigator	Study Title	Project Period	Sponsor	Award Amount
Kaeley, G	Phase 2 Study, Multicenter, Open-Label Extension (OLE) Study in Rheumatoid Arthritis Subjects Who Have Completed a Preceding Phase 2 Randomized Controlled Trial (RCT) with ABT-494	10/22/14 - Present	Abbvie	\$318,649
Kaeley, G	A Multicenter, Double-blind, Long Term Extension Study to Assess the Safety and Efficacy of Filgotinib in Subjects with Rheumatoid Arthritis (FINCH-4)	4/12/18 - Present	Gilead	\$288,920
Kaeley, G	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.	10/24/19 - 2023	GSK	\$120,605
Kaeley, G	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.	1/30/20 - 2023	GSK	\$77,610

Kaeley, G	209564 :A multi-centre long-term extension study to assess the safety and efficacy of GSK3196165 in the treatment of rheumatoid arthritis.	10/23/20 - Present	GSK	\$235,435
Kaeley, G	The Diagnostic Ultrasound Enthesitis Tool (DUET) Study	10/23/20 – Present	GRAPPA	\$6,150
Kaeley, G	A Multi-Center Phase 2/3 Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Safety and Efficacy Study of Dapansutriole Tablets in Subjects with an Acute Gout Flare	8/20/2023 - Present	Oletec	TBD
Kaeley, G	A Phase 3 Program to Evaluate the Safety and Efficacy of Upadacitinib in Subjects with Moderately to Severely Active SLE	7/20/2023 - Present	Abbvie	\$974,017
Kaeley, G	Efficacy and Safety of Deucravacitinib Compared with Placebo in Participants with Active SLE (POETYK SLE-2)	7/20/2023 - Present	BMS	\$518,345
Kaeley, G	Psoriatic Arthritis Real-World Study in the US (PARTUS)	8/22/2023 - Present	Eli Lilly	TBD
Kaeley, G	Sex- And Gender-based analysis of the Effectiveness of advanced therapies in Psoriatic Arthritis SAGE-PsA Study	7/2/2023 - Present	GRAPPA	\$22,000
Kaeley, G	A Randomized, Placebo-controlled, Double-blind, Multicenter Study to Assess the Efficacy and Safety of Nipocalimab in Adults with Primary Sjogren's Syndrome (pSS)	9/1/2022 - Present	Janssen	\$245,630
Kaeley, G	Validation of Handheld Ultrasound Devices for Point of Care Use in Rheumatology	7/2/2023 - Present	GRAPPA	\$159,640
Kaeley, G	A randomized, parallel-group, 24 week, double-blind, placebo-controlled, multicenter Phase 3 study to assess the efficacy and safety of secukinumab compared to placebo in adult patients with active rotator cuff tendinopathy	8/22/2023 - Present	Novartis	\$271,680

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