It is terrific to welcome you to this review of the Department of Medicine at Indiana University School of Medicine. We are a large and diverse department, encompassing more than 1,900 faculty members across ten specialty divisions and nine regional campuses of the country’s largest medical school.

I entered this role in January 2022, a time when the COVID-19 pandemic was still impacting our everyday operations and sense of wellbeing. Nonetheless, I experienced the positive, collaborative culture of the department and the larger academic health center enterprise from day one. While the challenges presented by the pandemic are ongoing, they have also demonstrated that our department truly abides by the ethos that “a rising tide lifts all boats.” We manifest this by helping those around us to succeed. One year into my role as chair, I have seen amazing accomplishments at all levels of our organization.

In this concise report, you will find evidence of a thriving department with a growth mindset and a positive trajectory in our major domains of medical education, clinical care, and discovery. None of our success would be possible without the support and leadership of our department and division staff, who deserve more kudos than we could ever bestow.

I hope this document is helpful to you as a primer to learn more about the exciting work being done to advance human health in Indiana and beyond. We strive to be leaders in all we do, and this report provides just a small sampling of our success. Thank you for your interest in the Department of Medicine!

Sincerely,

David M. Aronoff, MD, FIDSA, FAAM
John B. Hickam Professor of Medicine
Chair, Department of Medicine
NEW LEADERS IN 2022

LANA DBEIBO, MD
Assistant Professor of Clinical Medicine
Associate Vice Chair for Clinical Affairs - Quality, Safety and Population Health

ASHLEY GILMORE, MD
Assistant Professor of Clinical Medicine
Assistant Vice Chair for Health Equity

JENNIFER HUR, MD
Assistant Professor of Clinical Medicine
Program Director, Internal Medicine Residency (Indianapolis)

LAUREN NEPHEW, MD, MA, MSCE
Assistant Professor of Medicine
Associate Vice Chair for Health Equity

BRADLEY SUTTER, MD
Assistant Professor of Clinical Medicine
Interim Vice Chair for Clinical Affairs

KARA WOOLS-KALOUSTIAN, MD
Joe and Sarah Ellen Mamlin Professor of Global Health Research
Vice Chair for Research

As of January 2023:
MOHAMMAD AL-HADDAD, MD
Professor of Medicine
Director of the Division of Gastroenterology and Hepatology

As of March 2023:
JULIE CLARY, MD, MBA
Associate Professor of Clinical Medicine
Vice Chair for Clinical Affairs

2022 Highlights in Equity, Diversity and Inclusion

New Leadership
Francesca Duncan, MD, was named Co-Chair of the Equity and Inclusion Committee, and Cynthia Brown, MD, was named Co-Chair of the Women in Medicine and Science (WIMS) Group. In the latter half of the year, the WIMS group welcomed trainees to several events and will continue to host frequent trainee-inclusive events in 2023.

Health Equity Focus
The department implemented a new department-wide focus on health equity. This began with new leaders: Lauren Nephew, MD, MA, MSCE, was named Associate Vice Chair for Health Equity, and Ashley Gilmore, MD, was named Assistant Vice Chair for Health Equity. In December, Dr. Nephew, Dr. Gilmore, and Dr. Sotto put forth the Department of Medicine Health Equity Strategic Proposal, which commits the department to identifying and understanding the burden of health disparities in six strategic areas, and then beginning to intervene on them. Watch for more on this in 2023.

The department also launched the Health Equity Research Collaborative for those interested in collaborations to help advance this work. The Collaborative’s first meeting was focused on developing proposals for the Primary Care Reafﬁrmation for Indiana Medical Education (PRIME) grant program, and resulted in four funded projects.

Continued Success of the Leadership Program
2022 marked the second successful year of the Strategic Equity and Inclusion Leadership Program. This year’s cohort included 11 participants from across the department, the school and the IU Health system.

Expansion of Partnership with Puerto Rican Medical Schools
For the third year, faculty from the Department of Medicine participated in mock interviews for medical students from Ponce Health Sciences University, Universidad Central del Caribe (UCC) and San Juan Bautista School of Medicine. Ponce has participated in these mock interviews since 2020; UCC and San Juan Bautista joined the effort this year. Sixty-two students signed up. Additionally, this year the department partnered with faculty from Albert Einstein College of Medicine in New York to host the interviews.
On the evening of August 10, about 40 women faculty, residents and fellows from the Department of Medicine gathered at Saint Joseph's Public House in Indianapolis to socialize, share experiences, and identify new ways to support and encourage one another.

The event, titled “Prescription for Change: Amplifying Women in Medicine and Science,” was hosted by Francesca Duncan, MD, of the Women in Medicine and Science (WIMS) group.

“As a junior faculty member, I believe it is so important to bridge the gap between trainees and faculty in medicine and science,” said Duncan, who is an assistant professor of clinical medicine in the Division of Pulmonary and Critical Care Medicine. She is also the co-chair of the department’s Equity and Inclusion Committee.

This open forum was the first WIMS event targeted specifically to women-identified residents and fellows in the Department of Medicine. It was “a resounding success,” according to Cindy Brown, MD, who is WIMS co-chair. “I was so excited to see the enthusiasm of this group,” she said.

During the gathering, the attendees shared both the good and the bad experiences that have shaped them into the clinicians and researchers they are today, Duncan said. They also discussed ways to encourage, support, and amplify each other as women in their respective fields.

“Being a woman in medicine poses certain challenges, and sometimes we feel that our voices go unheard,” said Katie Partyka, MD, a PGY-3 resident in the Internal Medicine/Pediatrics program. “This event created a space for women at all different stages of training to share their stories, support each other and collaborate.”

Kassy Kneen, MD, a PGY-1 intern in the Internal Medicine residency, said she attended the event to learn about mentorship opportunities from other female physicians, and, being new to both IU and Indianapolis, make connections.

Sarah Seyffert, MD, a fellow in Pulmonary and Critical Care, said that she initially attended the event with the mindset that it was a social gathering.

“However, it was empowering to see women of all backgrounds and at different stages in their careers come together to discuss both our struggles and our triumphs as women in medicine,” she said.

“I had a great experience hearing about all the different ways the group is involved with Graduate Medical Education, and hearing advice about intern year,” she said. Duncan said she hoped the event helped trainees recognize themselves in the stories and experiences of the faculty members. Additionally, she hopes that the event created opportunities for mentorship and collaboration.

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Ideally, many of these new connections will continue to be fostered via WIMS. Brown says she is inspired to see the women who will be the future of the department—and of medicine more broadly.

“By attending this event, I realized that there is a community of women at IU who are eager to support me not only in medicine, but also willing to help me navigate life as a woman in general,” said Seyffert. “I couldn’t ask for a better environment to train in or a community to be a part of.”
**2022 Highlights in Faculty Affairs**

**EXCELLENT RECRUITMENT**

This year, 108 new faculty members joined the Department of Medicine.

**LAUNCH OF THE CLIMATE SURVEY**

In late spring, the department launched the Department of Medicine Climate and Professional Fulfillment Survey, an important measure of wellbeing in the department.

The response rate was robust, and the feedback was illuminating. The results are still being analyzed, and will be reported in 2023.

**ASSOCIATE PROFESSOR**

Matthew Bohm, DO  
Associate Professor of Clinical Medicine  
Division of Endocrinology and Metabolism

Swapan Khare, MD  
Associate Professor of Clinical Medicine  
Division of Endocrinology and Metabolism

Heiko Konig, PhD, MD  
Adjunct Clinical Associate Professor of Medicine  
Division of Hematology and Oncology (Volunteer)

Irfan Munir, MD  
Adjunct Clinical Associate Professor of Medicine  
(Volunteer - Fort Wayne campus)

Esteban Ramirez, MD  
Adjunct Clinical Associate Professor of Medicine  
(Volunteer - West Lafayette campus)

Roopa Rao, MD  
Associate Associate Professor of Clinical Medicine  
Division of Cardiovascular Medicine

Robert Spear, MD  
Adjunct Clinical Associate Professor of Medicine  
(Volunteer - Evansville campus)

Tanya Tanawuttiwat, MD  
Associate Associate Professor of Clinical Medicine  
Division of Cardiovascular Medicine

Margaret Zielasko, MD  
Adjunct Clinical Associate Professor of Medicine  
(Volunteer - Muncie campus)
Two Indiana University School of Medicine faculty have been named 2022 Indianapolis Business Journal Forty Under 40 honorees. Lana Dbeibo, MD, and Kenneth Lim, MD, PhD were chosen for the prestigious honor.

Each year, the IBJ honors 40 individuals who have made their mark in their profession before the young age of 40. Honorees were selected by a committee from hundreds of individuals nominated by IBJ readers. Regardless of their field or profession, this diverse group of individuals is making a positive impact on the community. This is the 30th year for the awards.

LANA DBEIBO, MD
In the summer of 2020, Dbeibo was one of several medical and public health experts appointed to lead IU’s COVID-19 Medical Response Team, which was charged with helping to keep the IU community safe from the virus. She currently serves as director of COVID-19 vaccine initiatives for IU. Dbeibo is also the director of infection prevention at Indiana University Health Methodist Hospital. She provides inpatient consults and outpatient infectious disease consults and HIV care.

After graduating medical school from the American University of Beirut, Dbeibo completed her residency in internal medicine and fellowship in infectious diseases at IU School of Medicine.

KENNETH LIM, MD, PhD
Lim is a physician-scientist, nephrologist and entrepreneur in the IU School of Medicine Division of Nephrology. His clinical interests include chronic kidney disease (CKD), end stage kidney disease and dialysis. He is a leading expert in cardiovascular complications in patients with CKD. Lim has a mission to advance the care of kidney patients and to create potential solutions to challenging issues of humanitarian need in healthcare through innovative research, entrepreneurship and the delivery of medical care beyond borders. He has deployed to regions around the world to provide medical care to help meet critical needs of victims of humanitarian crises, such as war, poverty and natural disasters on the frontlines.

Prior to joining IU School of Medicine in 2020, Lim spent over 10 years at Harvard Medical School and affiliated major teaching hospitals, later becoming an attending physician at the Massachusetts General Hospital and a faculty member at Harvard Medical School. He is a graduate of the University of Cambridge (Christ’s College) and the University of Warwick in England.
Kara Wools-Kaloustian, MD, named Vice-Chair of Research

Dr. Wools-Kaloustian, the Joe and Sarah Ellen Mamlin Professor of Global Health Research, was named the Vice Chair of Research in April 2022. As Vice Chair, Dr. Wools-Kaloustian is leading the development of the 5-year Research Strategic Plan for the Department of Medicine. She is working to ensure consistent and quality mentorship for early stage investigators joining the Department of Medicine faculty; identify and implement programs that support investigators transitioning from early to middle stages of their career; increase cross-disciplinary research within the department; and introduce reciprocal innovation as a platform to enhance research productivity while also enriching diversity, equity, and inclusion.

Department of Medicine Research Strategic Planning

A team of research leaders from the Chair’s Office and the divisions has developed and refined a Research Strategic Plan for the department. This group is collaborating with Dr. Syj Sotto, Vice Chair Diversity, Health Equity, and Inclusion, to ensure that these principles are integral to our approach. The group has initiated the first in a series of three surveys to garner faculty input on the plan, which will be finalized at the Department of Medicine Research Retreat on June 9, 2023.

Growth in Cardiovascular Disease Research

The Cardiovascular Disease Research portfolio has grown significantly with both recruitment of investigators as well as mentorship of existing faculty who have secured new awards for their science. The division’s research growth is in sync with Cardiovascular Institute’s establishment of the Krannert Cardiovascular Research Center and recruitment of Rohan Dharmakumar, PhD, as its Executive Director.

Continued focus on Aging and Dementia

The Division of General Internal Medicine and Geriatrics and the Division of Clinical Pharmacology continue to significantly contribute to research focused on Alzheimer’s Disease and related dementias (ADRD). The IUSM-Purdue TREAT-AD (Target Enablement to Accelerate Therapy Development for AD) Center, an NIH-NIA funded Alzheimer’s disease drug discovery initiative, is in its fourth year of operation and has made tremendous progress in translating research insights into potential new therapies. This highly collaborative, interdisciplinary program is focusing on the role of neuroinflammation on the origin and progression of ADRD, and have advanced several novel drug targets along the path toward therapeutic discovery.

The Digital Detection of Dementia Studies (D cubed Studies) Team is working on leveraging advances in information technology and machine learning to develop, test, and implement an evidence based and scalable tool to detect people with Alzheimer’s Disease and related dementias in urban and rural primary care clinics. With support from the NIH-NIA, they are conducting a pragmatic randomized controlled trial to evaluate the effectiveness of a Passive Digital Marker compared to a patient reported measure in enhancing the early detection of Alzheimer disease and other forms of dementia. This pragmatic study is being tested in the Federally Qualified Health Centers associated with Eskenazi Health, who serve a diverse population of older adults.

The work of the TREAT-AD Center and the D Cubed studies are part of the internationally recognized Alzheimer’s disease and related dementias research program at IUSM bridging cutting-edge preclinical, clinical science, and implementation.

Replication of the Academic Model Providing Access to Healthcare (AMPATH)

The Academic Model Providing Access to Healthcare (AMPATH) has expanded into AMPATH Global with new institutional partnerships in Mexico, Ghana, and Nepal that form the foundation for academic activities in service, education and research. The AMPATH Kenya partnership between Moi University, Moi Teaching and Referral Hospital, and the AMPATH Consortium of 15 academic health centers around the world, led by IU, provides the model for creating opportunities for faculty to engage in global health research in areas of importance to local faculty and partner institutions.

Initial efforts have focused on assessing and supporting existing research infrastructure and capacity; identifying needs; and designing service, education and research programs that strengthen health systems and improve population health outcomes. The opportunity to engage in implementation research in multiple sites across the world has fostered collaboration between the leaders of these host country institutions and created a network of global partners that are committed to learning from one another and improving lives across a variety of geographic areas. AMPATH Global reflects a commitment to the principles that have defined the Indiana University Center for Global Health’s focus on equity in partnership in Kenya over 30+ years including the concept of reciprocal innovation, the bi-directional, iterative exchange of ideas, resources and innovation.
Successful Fellowship Match for Residents in the Southwest Internal Medicine Residency Program

Four of the inaugural class of residents from our Evansville program matched into high-tier fellowships—including one coming to Indianapolis.

Elizabeth Cho, MD
The Warren Alpert Medical School of Brown University
Kidney Disease & Hypertension

Anthony El-Khoury, MD
University of Massachusetts Chan Medical School-Baystate
Pulmonary Disease and Critical Care Medicine

Ana Salabashova, MD
Geisinger’s Medicine Institute
Pulmonary Critical Care

Christopher Shrack, DO
Indiana University School of Medicine
Nephrology Fellowship Training Program

Faculty Educators Recognized By Students

W. Graham Carlos, MD, of the Division of Pulmonary, Critical Care, Sleep and Occupational Medicine, received the Golden Apple award from the Class of 2022.

Zeb Saeed, MD, of the Division of Endocrinology, received the Outstanding Teaching Award in Internal Medicine from the Class of 2022.

Successful PRIME Grants

Four faculty projects were awarded PRIME (Primary Care Reaffirmation for Indiana Medical Education Program) grants.

- “Widening the Bottle Neck: Exploring the Breast Screening Program as an Effective Bridge to Lung Cancer Screening and Smoking Cessation”
  Nasser Hanna, MD, and Ali Ajrouch, MD

- “Cardiovascular Equity to Address Segregation study (CEASe) 1.0”
  Khadijah Breathett, MD, MS, FACC, FAHA, FHFA

- “Reducing Bias and Disparities in the Care of Patients with Obesity”
  Christen Dilly, MD, ME, and Ashley Gilmore, MD

- “Addressing Disparities in Lung Cancer: An educational curriculum for trainees, PCPs, and community stakeholders”
  Francesca Duncan, MD, MS, and Edwin Jackson, DO, MBA

New Alpha Omega Alpha Members

A significant number of Department of Medicine faculty and residents were inducted into the Alpha Omega Alpha (AOA) honor society this year.

Faculty inductees were Jennifer Hur, MD, who is the director of the Internal Medicine Residency Program in Indianapolis; Areeba Kara, MD, who is Associate Division Chief of the Division of General Internal Medicine and Geriatrics; and LeeAnn Cox, MD, who is Director of the Internal Medicine Clerkship.

Additionally, Internal Medicine residents Vivianne Alsup, MD; Matthew Coghlan, MD; Matthew Hodge, DO; Ahmed Khalid, MBBS; and Lauren Pavlik, MD, were inducted. Among residents from the Internal Medicine/Pediatrics program, Connor Parker, MD; Juhi Ramchandani, MD; Ishani Shah, MD; and Stephen Watty, MD, were also inducted.

Dr. Dilly Named Assistant Dean of Graduate Medical Education

Christen Dilly, MD, an Associate Professor of Medicine in the Division of Gastroenterology and Hepatology, was promoted to the role of Assistant Dean of GME.
Each year, National Hispanic Heritage Month is observed from September 15 to October 15, to pay tribute to the generations of Hispanic Americans who have influenced and enriched the United States through achievements and contributions to society. Here, we recognize four members of the Internal Medicine Residency Program (Indianapolis) whose Hispanic heritage influences their work as physicians.

**JANINA QUINTERO BISONO**
**MS, MD | PGY-2**

Janina Quintero Bisono, MS, MD, was born in Puerto Rico to a Dominican mother and Colombian father. “I’m proud of my multicultural background and embracing where I’m from,” she said. Quintero attended Ponce Health Sciences University in Ponce, Puerto Rico. She said she chose to complete her residency in internal medicine at IU School of Medicine because of its great academic program, but was additionally pleased by the program’s welcoming and supportive environment.

“I love the people and the way they make me feel at home away from home,” she said. “In residency, you will have good days and difficult days, but I know I can always count on my residency family to get me through those days with a smile on my face.”

**MARIEL LUNA HINOJOSA**
**MD | PGY-2**

After attending medical school here, Mariel Luna Hinoposa, MD, knew that IU School of Medicine was the “perfect” place to complete her residency in internal medicine.

“I strive to be better every day to give excellent care to the Latinx community and my patients from other countries,” she said.

**MARIEL LUNA HINOJOSA, MD | PGY-2**

She has always known she wanted to work with the underserved, particularly within the Latinx community, and this program has given her the opportunity to do that in both inpatient and outpatient settings, she said.

Luna Hinoposa was born in Lima, Peru. She moved to the US when she was 14 years old and was raised in Northern Virginia. She said that her roots have helped her foster relationships with her patients and provide them with better care.

“Everyone in this program has always been kind, supportive, and genuine, and is always encouraging more to my full potential,” she said. “Also, I love the diverse patient population and various pathologies we encounter in all our different hospital systems.”

**DIEGO IZQUIERDO, MD | PGY-1**

Diego Izquierdo, MD, loves “movies and old rock and jazz” and attended medical school at Anahuac University in Mexico City.

“My Latinx identity is the core of who I am,” he said. “It reminds me of everything important to me: family, friends, joy.”

He knew that he wanted to pursue his residency in internal medicine at IU School of Medicine after meeting current residents, who made him feel welcome and invigorated.

“Talking to the Hispanic residents that were already in the program and listening to their experience at IU made me realize the extraordinary place it is to grow both personally and professionally,” he said.

**ELEAZAR MONTALVAN-SANCHEZ, MD | PGY-2**

Eleazar Montalvan-Sanchez, MD, has ambitious goals: to be “a Latinx community role model to both this and future generations,” he said.

Montalvan-Sanchez, who received his medical degree from Universidad Nacional Autonoma de Honduras, is already off to a great start. He has conducted several research projects; is as a liaison to the National Hispanic Medical Association; serves on the Department of Medicine’s Equity, Diversity & Inclusion Committee; and is the founder of Latin American Doctors for America (@AmericaDoctors), which advocates for decreasing health disparities.

“I chose IU because I was looking for the combination of a high-volume medical center and an academic university-based program. Now IU is part of my familia,” he said. “I will always be grateful to be here.”

For more stories from the Department of Medicine, visit [medicine.iu.edu/blogs/the-beat](https://medicine.iu.edu/blogs/the-beat).
**2022 Highlights in Clinical and Academic Administration**

**Continuous Improvement**
Annually, the department participates in continuous improvement, and the focus was on wellbeing, retention, and quality. This included the use of a new tool to measure climate and wellbeing; efforts to increase our overall employee engagement; and, on the clinical side, measures to improve mortality and harm events for our patients (see graph).

**Successful Recruitment of Administrators**
The Department of Medicine recruited two new Service Line Administrators. Maggie Bennett, BSN, RN, started in March 2022 with Infectious Diseases, and Tonya Somers, MS, RD, CDCES, started in May 2022 with Endocrinology, Rheumatology, and Diabetes Center. Additionally, the department welcomed two new Division Administrators to their roles. Chelsie Willoughby, with Gastroenterology/Hepatology, started in November 2022, and Adam Beach started in December 2022 with Cardiovascular Medicine.

**IU MyVoice staff engagement survey results demonstrate significantly increased engagement**
My Voice at IU is a continuous process at Indiana University to increase staff employee engagement and ensure IU remains a workplace of choice.

The survey was last administered in 2019. Since then, the Department of Medicine’s overall mean increased by .31, to 4.22 (on a 5 point scale). The department ranks at the 60th percentile for all organizations in the Gallup database.

Sixty-one percent of the 213 respondents reported being engaged, which is an increase of 20% from 2019.

**CONTINUED GENEROSITY FROM DONORS**
In FY 2022, the Department of Medicine received a total of $8,555,942 in gifts from generous donors.
IRON INDUCES CHRONIC HEART FAILURE IN HALF OF HEART ATTACK SURVIVORS, ACCORDING TO LANDMARK STUDY LED BY IU RESEARCHER

A multi-institution study led by Rohan Dharmakumar, PhD, of Indiana University School of Medicine, has identified that iron drives the formation of fatty tissue in the heart and leads to chronic heart failure in about fifty percent of heart attack survivors. The discovery, recently published in Nature Communications, paves the way for treatments that have the potential to prevent heart failure in nearly half a million people a year in the United States, and many millions more worldwide.

"For the first time, we have identified a root cause of chronic heart failure following a heart attack," Dharmakumar said.

Dharmakumar’s team is currently testing iron chelation therapy to do just that in a just-launched clinical trial.

"Using noninvasive imaging, histology and molecular biology techniques, and various other technologies, we have shown that iron from red blood cells is what drives this process," he explained. "When we removed the iron, we reduced the amount of fat in the heart muscle. This finding establishes a pathway for clinical investigations to remedy or mitigate the effects associated with iron in hemorrhagic myocardial infarction patients."

Dharmakumar’s team is currently testing iron chelation therapy to do just that in a just-launched clinical trial.

"Thanks to a clinical trial underway being led by his team at Indiana University, I’m excited to see this treatment improve the lives of millions of heart attack survivors worldwide," said Raman.

The multi-million-dollar study, which involved collaborators from institutions in the United States and Canada, followed large animal models over six months. It found that in heart attacks that result in bleeding within the heart muscle—which is about half of them—scar tissue is slowly replaced by fat. Fatty tissue can’t push blood from the heart effectively, and this is what leads to heart failure and eventually to death in many survivors of hemorrhagic heart attacks, Dharmakumar said.

Areas of Excellence: ischemic heart disease; heart failure; arrhythmias

NOTABLE PUBLICATIONS


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**CLINICAL PHARMACOLOGY**

**LEADERSHIP & ADMINISTRATION**

**Todd Skaar, PhD**
Professor of Medicine
Interim Division Director

**Zerueyenay Desta, PhD**
Professor of Medicine
Associate Division Director

**Christine McDonald**
Division Administrator

**Demographics**

**15 FULL-TIME FACULTY**

**60 PART-TIME/AFFILIATE FACULTY**

**17 FACULTY IDENTIFYING AS FEMALE**

**6 Faculty Underrepresented in Medicine:**

**11 Fellows:**

**22 IU Staff:**

**FELLOWSHIPS**

Clinical Pharmacology Fellowship (two years)

**Director:** Zerueyenay Desta, PhD, and Michael Eadon, MD

Disease and Therapeutic Response Modeling Program

**Director:** Sara Quinney, PharmD, PhD

**Research Areas of Excellence:**

Pharmacogenomics; translational research in drug response; drug metabolism and interactions; disease and therapeutic response modeling; therapeutic discovery and development; understudied populations

**Goals**

- Strengthening existing areas of expertise, and expanding into new areas that have major unmet clinical needs. Continued focus on the discovery and implementation of genomic medicine work, which includes increasing the clinical use of pharmacogenomic testing, discovering novel pharmacogenomic variants, and understanding the functional significance of these variants and their underlying mechanisms. Continuing to elucidate the basic mechanisms that regulate the metabolism and elimination of drugs through the liver and kidney. Continuing efforts in discovering drugs to prevent and treat Alzheimer’s disease. Expanding disease and therapeutic modeling efforts across a variety of diseases, which means increasing the use of large datasets, such as whole genome and exome sequencing data, and outcomes data from electronic health records. Many of these efforts will continue to focus on populations that have been historically underrepresented in research, such as children, pregnant people, and those belonging to racial and ethnic minority groups.

**INSTITUTE DISTRIBUTED NIH DOLLARS (FY 22)**

**TOTAL AWARD DOLLARS:** $10,056,894

**INDIRECT:** $2,086,596

**TOTAL NIH AWARD DOLLARS (FY 22)**

**TOTAL:** $9,704,820

**INDIRECT:** $1,985,352

**NOTABLE PUBLICATIONS**


**ASSOCIATED RESEARCH CENTERS**

- Indiana Institute for Personalized Medicine (IIPM)
- Indiana Clinical and Translational Science Institute (CTS-I) Disease and Therapeutic Response Modeling Program
- Regenstrief Institute
- Stanford Neurosciences Research Institute
- Indiana Biosciences Research Institute (IBRI)
- IU Melvin & Bren Simon Comprehensive Cancer Center

**Featured Faculty**

**Tyler Shugg, PharmD, PhD**
Assistant Research Professor of Medicine

- Completed his postdoctoral fellowship in clinical pharmacology at IU, and was promoted to faculty in January 2022
- K-23 grant was funded on the first submission
- Passed his certification exam by the American Board of Clinical Pharmacology, and joins four other faculty associated with our division who are board-certified in clinical pharmacology
Areas of Excellence:

**Research**

Areas of Excellence: diabetes, obesity, metabolic bone disease, and rare metabolic disease research; developing strength in pituitary disease. The division’s diabetes research spans from cell culture and animal model studies, to clinical research to community-focused research. Its research in metabolic bone and mineral disorders involves cell culture, animal models, clinical research and informatic studies using the Indiana Network for Patient Care.

**Clinical**

Areas of Excellence: robust clinical service focused on patients with diabetes, thyroid disease, metabolic bone disease, pituitary and adrenal disorders; catchment area covers the entire state of Indiana and, for rare disorders, extends well beyond the state.

**Education**

Areas of Excellence: leadership in the Endocrine, Reproductive, Musculoskeletal, and Dermatologic Systems course for second-year medical students and very active endocrine rotations for students and residents; very high caliber of fellows; very active conference schedule with three weekly conferences (endocrine grand rounds, endocrine case conference, and metabolic bone case conference); research conference for all diabetes investigators through the Diabetes Center and metabolic bone case conference; research conference for all diabetes weekly conferences (endocrine grand rounds, endocrine case conference, very high caliber of fellows; very active conference schedule with three students and very active endocrine rotations for students and residents; Musculoskeletal, and Dermatologic Systems course for second year medical students.

**Featured Faculty**

Zeb Saeed, MD
Assistant Professor of Clinical Medicine

- Associate Fellowship Director in 2023
- Serves as Associate Clerkship Director for Phase 2 (MS3) with focus on curriculum development
- Received the Outstanding Clinical Teaching Award in Internal Medicine by the class of 2022
- Grant submitted to National Board of Medical Examiners (NBME) Stemmler Fund on learner assessment

**ASSOCIATED RESEARCH CENTERS**

Center for Diabetes and Metabolic Diseases
Director: Carmella Evans-Molina, MD, PhD
Indiana Center for Musculoskeletal Health

**NOTABLE PUBLICATIONS**


**Goals**

The division plans to expand diabetes research, both basic and clinical, by recruiting new faculty. It will also recruit new faculty and involve more existing faculty in other areas of research.

**Demographics**

**FACULTY IDENTIFYING AS FEMALE**

- Faculty: 18
- Underrepresented in Medicine: 0
- Fellows: 6
- IU Staff: 17
- IU Health Staff: 62
- IU Health APPs: 3
- IU Health Apps: 3

**�**

**FELLOWSHIPS**

Endocrinology, Diabetes, and Metabolism Fellowship (two years)
Director: Amale A. Lteif, MD

**KEY CLINICAL EDUCATOR**

Zeb Saeed, MD
Assistant Professor of Clinical Medicine

**FACULTY**

Michael Econs, MD
Distinguished Professor of Medicine
Division Director
Melissa Cavanagh, MD
Associate Professor of Clinical Medicine
Service Line Leader
Leslie Miller
Division Administrator
Tunya Somers
Service Line Administrator

**IU Staff:**

- 11

**IU Health Staff:**

- 62

**IU Health Apps:**

- 3

**AFFILIATE FACULTY**

- 62

**LEADERSHIP & ADMINISTRATION**

- 24

**2022**

**T 25**

**T**

**TOTAL AWARD DOLLARS (FY 22):**

**T:**

**$3,385,694.16**

**TOTAL NIH AWARD DOLLARS (FY 22):**

**T:**

**$777,189.00**

**INDIRECT:**

**T:**

**$924,743.04**

**$267,980.00**
Swapnil Khare, MD, is a clinician-scientist with certification in Internal Medicine and Endocrinology. Diabetes and Metabolism. Her area of interest is diabetes, with special focus on care delivery systems.

“The field of endocrinology is thought-provoking, and continues to evolve with new understanding of disease process and treatment modalities,” Khare said.

Khare joined Indiana University in 2016 as Assistant Professor of Clinical Medicine and has worked closely with IU School of Medicine’s Adult Cystic Fibrosis Center. She received the prestigious ENVISION II grant from the Cystic Fibrosis Foundation. Her efforts led to the establishment of a dedicated endocrine clinic for patients with cystic fibrosis, drastically reducing patients’ wait times.

“Interacting with patients, understanding their struggles, and developing tailored plans to help them excites me the most [about my work],” Khare said, particularly when she has the opportunity to innovate new systems.

As the inpatient diabetes director, she has tirelessly worked on improving diabetes care at the Adult Academic Health Center (AAHC). During COVID-19 pandemic, she started a pilot project for monitoring blood glucose using continuous glucose monitoring (CGM), which meant nurses needed to enter patients’ rooms less frequently. This decreased their exposure to the virus, and helped conserve personal protective equipment.

Khare’s CGM project was so successful that she extended it to cystic fibrosis patients—and this was a “game-changer” for them, said Michael Econs, MD, director of the Division of Endocrinology.

“Dr. Khare is now working on getting this technology to other parts of our hospital. Her efforts have substantially improved our care,” he said.

Currently, Khare is working on the integration of Core Diabetes Application (CDA) at AAHC. CDA is a software which helps to standardize diabetes care, including insulin dose calculation and helps integrate diabetes management among care teams.

Khare is also excited to be a part of the Advanced Scholar Program for Internists in Research and Education (ASPIRE). As an ASPIRE scholar, she will spearhead a research project integrating CGM for diabetes care for patients during hospitalization.

For more stories from the Department of Medicine, visit medicine.iu.edu/blogs/the-beat.
Goals

The Division will continue to grow a world-renowned faculty group and further diversify recruitments for the best and brightest GI and Liver faculty nationwide; increase extramural funding through federal and federal passthrough sources contributing to the school’s increased rank in US News & World Report; continue to be one of the most sought-after programs by incoming fellows, and grow the fellowship programs through innovative curriculum that will prepare graduating fellows for clinical excellence and leadership across the country.

FELLOWSHIPS

Gastroenterology and Hepatology Fellowship (three years)
Director: Nabil Fayad, MD
Advanced Endoscopy Fellowship (one year)
Director: Jeffrey Easter, MD
Clinician Educator Training Pathway (one year)
Director: Christen Dilly, MD
Hepatology Research Fellowship (two years)
Director: Samer Gawrieh, MD

Research

Areas of Excellence:
- Pancreatobiliary disease; device and new endoscopic procedures
- Motility/neuropathology; inflammatory bowel disease
- Colorectal cancer; obesity and nutrition
- Fatty liver disease; drug induced liver injury; cholestasis
- Liver transplantation; basic research in hepatology

ASSOCIATED RESEARCH CENTERS

Indiana Center for Liver Research
Director: Gianfranco Alpini, PhD

NOTABLE PUBLICATIONS


Total NIH Award Dollars (FY 22)

Total: $7,560,394
Indirect: $1,841,420

Total Award Dollars (FY 22)

Total: $13,043,030
Indirect: $3,271,509

Additional Leadership Roles

Christen Dilly, MD
Assistant Dean for Graduate Medical Education

Naga Chalasani, MD
Vice President of Academic Affairs for IU Health

Suthat Liangpunsakul, MD, MPH
Chair of P&T Committee

Lauren Nephew, MD
Associate Vice Chair for Health Equity, Department of Medicine

Ashley Gilmore, MD
Assistant Vice Chair for Health Equity, Department of Medicine

Charles Kahi, MD
Editor in Chief of Clinical Gastroenterology and Hepatology

Mohammad Al-Haddad, MD
Assoc. Editor of Clinical Gastroenterology and Hepatology

Suthat Liangpunsakul, MD, MPH
Associate Editor of Hepatology

Douglas Rex, MD
President of the American Society of Gastrointestinal Endoscopy (ASGE) (through May 2022)

Featured Faculty

THOMAS IMPERIALE, MD
Lawrence Lumeng Professor of Gastroenterology and Hepatology
- Named Distinguished Professor in March 2022

STUART SHERMAN, MD
Glen A. Lehman Professor of Gastroenterology
- Leads the flagship Advanced Endoscopy Program
- Selected to be the recipient of the American Society for Gastrointestinal Endoscopy’s Rudolf Schindler Award in 2023
Areas of Excellence: Clinical faculty practice superior ambulatory care, hospital medicine, palliative medicine and geriatrics at several different hospitals and health systems. IU Geriatrics was designated as “high performing” by US News & World Report in 2022, the only Indiana-based geriatrics program to receive this designation. Hospitalists deliver excellent care and place a premium on communication and collaboration for complex patients. The division has seen significant growth in palliative care and this year launched a virtual palliative care hub to extend the reach of palliative medicine across Indiana.


demographics

**Clinical**
Areas of Excellence: clinical faculty practice superior ambulatory care, hospital medicine, palliative medicine and geriatrics at several different hospitals and health systems. IU Geriatrics was designated as “high performing” by US News & World Report in 2022, the only Indiana-based geriatrics program to receive this designation. Hospitalists deliver excellent care and place a premium on communication and collaboration for complex patients. The division has seen significant growth in palliative care and this year launched a virtual palliative care hub to extend the reach of palliative medicine across Indiana.

**Education**
Areas of Excellence: provider of major volumes of high quality teaching all phases of MS curriculum on variety of topics (including ethics) and clinical settings, including continuity clinics and hospitalist ward teams; residents participate in required rotations in both geriatrics and palliative medicine; faculty are regular winners of teaching awards

**FELLOWSHIPS**
- Geriatrics Fellowship (one year) Director: Felipe Perez, MD
- Hospice & Palliative Medicine Fellowship (one year) Director: Lyle Fetig, MD
- Joint Geriatrics-Hospice & Palliative Medicine Fellowship (two years) Director: Felipe Perez, MD
- VA Health Services Research and Development Advanced Fellowship Program (two years)

**FEDERAL TRAINING GRANT**
- “Training the Next Generation of Social and Behavioral Physician Scientists in ADRD: The Indiana ADRD Medical Scientist Training Program” (T32AG074934).

**INDIRECT: $939,839.00**

**percentage of MS graduates who identify as female:**

- **153**

**Dollars (FY 22)**

**TOTAL NIH AWARD DOLLARS (FY 22):**
**TOTAL: $5,862,488.00**
**INDIRECT: $939,839.00**

**TOTAL AWARD DOLLARS (FY 22):**
**TOTAL: $11,286,194.50**
**INDIRECT: $1,676,865.00**

**ASSOCIATED RESEARCH CENTERS**
- Indiana University Center for Bioethics Director: Peter Schwartz, MD
- RESPECT Center (Research in Palliative & End-of-life Communication and Training) Co-Directors: Susan Hickman, PhD; G Greg Sachs, MD; Alexa Torke, MD
- Indiana University Center for Aging Research (IUCAR – with Regenstrief Institute) Director: Susan Hickman, PhD
- William M. Tierney Center for Health Services Research (Regenstrief Institute) Director: David Haggstrom, MD
Center for Biomedical Informatics (Regenstrief Institute)
Interim Director: Brian Doon, PhD
MPA, FACMI, FHIMSS, FAMIA
Center for Health Innovation and Implementation Science (CHIIS)
Director: Malaz Boustani, MD, MPH
VA Health Services Research & Development Center for Health Information and Communication Director: Michael Weiner, MD, MPH

NOTABLE PUBLICATIONS


Additional Leadership Roles
Malaz Boustani, MD, MPH
Founding Director/Chief Innovation and Implementation Officer, Sandra Eskanazi Center for Brain Care Innovation
Joy Lee, PhD
Scientific Director, WISE Indiana (CTSI)
Sylk Sotto, EdD, MBA, MPS
Vice Chair for Faculty Affairs and Professional Development, Department of Medicine
Vice Chair for Diversity, Health Equity, and Inclusion, Department of Medicine
Director, All IN For Health (Indiana CTSI)
Co-Founder, Indiana CTSI Workforce Development
Health Equity Liaison/Lead, IU Simon Comprehensive Cancer Center, Office of Community Outreach and Engagement
Sacha Sharp, PhD
Co-Chair, Diversity Council at IU School of Medicine

Goals Continued strategic recruitment of additional research faculty in key areas (i.e., palliative care, HSR, DEI); build faculty development programming that is pertinent to clinicians, scholars, QI experts, advocates and educators; evaluate processes and policies to consider inclusion, equity, diversity and justice.


Research

KELVIN LEE, MD
HH Gregg Professor of Oncology; Professor of Medicine
Interim Director, Division of Hematology/Oncology
Director, IU Simon Comprehensive Cancer Center
Associate Dean for Cancer Research

NASSER HANNA, MD
Tom and Julie Wood Family Foundation Professor of Lung Cancer Clinical Research
Associate Division Director Service Line Leader

RAKESH MEHTA, MD
Associate Professor of Clinical Medicine
Associate Division Director

KATHY MILLER, MD
Balve Lantero Professor of Oncology
Assistant Division Director

ELSAYED ALY, MD
Assistant Professor of Clinical Medicine
Service Line Leader

KATIE ROBINSON
Division Administrator

NAUREEN AHMED
Service Line Administrator

SABRINA HETZEL
Human Resources Business Partner

Clinical
Areas of Excellence: cancer prevention, particularly in testicular and germ cell cancers, led by Dr. Lawrence Einhorn (who pioneered the use of chemotherapy for curative intent in testicular cancer, and is widely considered the world’s expert in this cancer); thrush malignancies; breast cancer; and pancreatic cancer. Additionally, the division administers the Cancer Prevention Clinic, which provides a medical home for persons with a known increased risk for developing cancer, and the Rapid Diagnostic Clinic, which provides access to an Advanced Practice Provider who can further facilitate a patient’s work-up for a suspected malignancy or hematologic disorder.

Education
Areas of Excellence: providing outstanding fellowship training in Hematology/Oncology, with the laboratory-based faculty additionally highly involved in graduate and postdoctoral training across a wide range of disciplines in the Graduate School.
Goals

Over the last year, the division has undergone very substantial growth in the clinical realm and in research—it has increased its faculty and staff, as well as the scope of its efforts. One major goal for 2023 is to consolidate and integrate these efforts for long term success. A second major goal is to recruit an outstanding new director to lead the division.

Research

Areas of Excellence: research in the division is closely tied to the research Programs in the IU Simon Comprehensive Cancer Center (IUSCCC), which is an NCI-designated Comprehensive Cancer Center as well as a member of the National Comprehensive Cancer Network (NCCN). Division members are very closely involved in all 4 of IUSCCC Research Programs: the Cancer Prevention and Control Program (CPC); the Experimental and Developmental Therapeutics Program (EDT); the Hematopoiesis and Hematologic Malignancies Program (HHM); the Tumor Microenvironment and Metastasis Program (TMM); and Global Oncology.

NOTABLE PUBLICATIONS


B. Tachibana I, Kern SQ, Douglawi A, Tong Y, Mahmoud M, Masterson TA, Adra N, Foster RS, Einhorn LH, Cary C. Primary Retroperitoneal Lymph Node Dissection for Patients With Pathologic Stage II Nonseminomatous Germ Cell Tumor: N1, N2, and N3 Disease: Is Adjuvant Chemotherapy Necessary? J Clin Oncol. 2022 Nov 10;40(32):3762-3769. PMID: 35675585 (IF 89). All the investigators on this publication are from IU.


ASSOCIATED RESEARCH CENTERS

IU Simon Comprehensive Cancer Center
IU Cancer Institute
Vera Bradley Foundation Center for Breast Cancer Research
IU Sickle Cell Disease Center of Excellence
Supportive Oncology Center of Excellence

Additional Leadership Roles

Jennifer Schwartz, MD
Assistant Dean for Curriculum; Director of Phase 2

Rakesh Mehta, MD
Vice Chair for Education, Department of Medicine

Huda Salman, MD, PhD
Director, Brown Center for Immunotherapy
Co-leader Hematopoiesis and Hematological Malignancies Program

Kelvin Lee, MD
Director, IU Simon Comprehensive Cancer Center and Associate Dean of Cancer Research
Board Member, National Comprehensive Cancer Network

Patrick Loeher, MD
Director of Global Oncology (AMPATH)
Co-leader Experimental and Developmental Therapeutics Program (IUSCCC)

Kathy Miller, MD
Associate Director of Clinical Research (IUSCCC)
Deputy Editor Journal of Clinical Oncology

Patrick Loeher, MD
Special Assistant to the Director, Center for Global Health, National Cancer Institute

Featured Faculty

TARAH BALLINGER, MD
Assistant Professor of Clinical Medicine
• Recently named Vera Bradley Foundation Scholar in Breast Cancer Research
• Recognized for establishing the Multidisciplinary Oncology Vitality and Exercise (MOVE) program, which gives breast cancer patients a personalized plan for exercise and physical therapy throughout all stages of their cancer journey
LEADERSHIP & ADMINISTRATION
SAMIR GUPTA, MD
David H. Jacobs Professor of Infectious Diseases
Division Director
AARON ERMEL, MD
Assistant Professor of Clinical Medicine
Service Line Leader
RAVI MISRA, MD
Assistant Professor of Clinical Medicine
Service Line Leader
ANDREA JOHNSON
Division Administrator
MAGGIE BENNETT
Service Line Administrator

NOTABLE PUBLICATIONS

ASSOCIATED RESEARCH CENTERS
IU Center for Global Health Center for HPV Research

Additional Leadership Roles
David Aronoff, MD
Chair, Department of Medicine
Bradley L. Allen, MD PhD
Senior Associate Dean for Medical Student Education
Haley Pritchard, MD
Associate 3rd Year Internal Medicine Clerkship Director
Virginia A. Caine, MD
Marion County Public Health Department Director

Goals
To develop a Transplant Infectious Diseases Section and Center of Excellence which will grow the division’s clinical and research interests in this important field; to expand the division’s basic science research portfolio with additional physician-scientists focused on new discoveries to reduce communicable diseases

Clinical
Areas of Excellence: HIV care; expertise in non-tuberculous mycobacterium; transplant and immunosuppressed infectious diseases care; care of sexually transmitted infections and a broad range of infectious diseases in inpatient and outpatient settings

Education
Areas of Excellence: the fellowship program offers an excellent opportunity to choose and focus on one of the various different infectious diseases tracks (infection prevention, antimicrobial stewardship, medical education, global health, etc.); this unique set up helps the fellows succeed in their chosen clinical infectious diseases career

Research
Areas of Excellence: sexually transmitted infections; HIV; global health implementation science; reproductive health

FELLOWSHIPS
Infectious Diseases Fellowship (two years)
Director: Saira Butt, MD
Combined Med/Peds Infectious Diseases Fellowship (four years)

INDIRECT: $1,149,184.00
TOTAL: $5,234,844.00

INDIRECT: $2,008,588.85
TOTAL: $8,493,327.40

FACULTY IDENTIFYING AS FEMALE 20
FULL-TIME FACULTY 33
PART-TIME/AFFILIATE FACULTY 13

FACULTY UNDERREPRESENTED IN MEDICINE: 4
FELLows: 6
IU STAFF: 28
IU HEALTH STAFF: 11
IU HEALTH APPS: 4

TOTAL NIH AWARD DOLLARS (FY 22)
TOTAL AWARD DOLLARS (FY 22)
Clinical Areas of Excellence: dialysis, including home therapies; chronic kidney disease; glomerulonephritis; polycystic kidney disease; genetic disorders; diabetic and all causes of kidney disease; prevention of kidney stones; difficult-to-control hypertension

Education

Areas of Excellence: diverse training in nephrology with sub-specialty nephrology care in transplant, home dialysis, hypertension, pharmacogenomics, kidney stone prevention, polycystic kidney disease, and glomerulonephritis; two blocks of intercession training for intensive education and hands on experience during the first year of fellowship

FELLOWSHIPS
Nephrology Fellowship (two years)
Director: Timothy A. Sutton, MD, PhD
Transplant Nephrology Fellowship (one year)
Director: Asif A. Sharifuddin, MD
Advanced Home Dialysis Fellowship (one year)
Director: Nupur Gupta, MD

KEY CLINICAL EDUCATOR
Key Clinical Educator: Tim Sutton, MD, PhD

FEDERAL TRAINING GRANT
Indiana University Kidney Training Program (IU-KTP), A 2 year program, currently in year 4 of 5; PI is Dr. Sharon Moe

Research
Areas of Excellence: the Kidney Precision Medicine Program (KPMP) was one of five centers to be renewed for another five years; HubMap, the making of a Kidney Atlas in collaboration with Washington University; the Musculoskeletal Clinical Research Center recently renewed for another five years; and the Pediatric Center of Excellence in Nephrology, a collaboration with Washington University. The George O’Brien Kidney Center award is in its twentieth year.

ASSOCIATED RESEARCH CENTERS
Musculoskeletal Research Center Principal Investigator: Sharon Moe, MD

The O’Brien Kidney Center at Indiana University Director: Pierre C. Dagher, MD

NOTABLE PUBLICATIONS


FACULTY IDENTIFYING AS FEMALE
22

INDIRECT: $3,030,613.00
TOTAL: $10,900,490.00

TOTAL NIH AWARD DOLLARS (FY 22)

INDIRECT: $3,277,126.00
TOTAL: $12,289,584.03

TOTAL NIH AWARD DOLLARS (FY 22)

Goals
Integrate Point of Care Ultrasound (POCUS) into routine care; work closely with population health to reduce costs of caring for patients with kidney disease while improving care; work towards a Kidney Research Center of Excellence.
After a year of work to bring balance to an equation that measures kidney function by removing racial variables, Sharon Moe, MD, associate dean for clinical and translational medicine and director of the Division of Nephrology for Indiana University School of Medicine, is celebrating a nationally adopted change in how the glomerular filtration rate (GFR) is being calculated to improve patient lives.

The system-wide change for all patients over 18 years old was the result of collaborative work between Moe and other medical leaders in nephrology and Michelle Zimmerman, MD, of Indiana University Health. The calculation change went into effect March 30, 2022, for IU Health and goes into effect this month at Eskenazi Health. A patient’s GFR describes the quantity filtered through the kidney and into urine. For the past 50 years, the flow rate has had various formulas to estimate it, and the most commonly used has a variable based on race.

“Race is a social construct and not a biologic factor and thus, should be included in the GFR estimating equation,” said Moe, who is also one of the co-directors of the Indiana Clinical and Translational Sciences Institute (CTSI). “This change now more accurately reflects the recommendations of national groups and substitutes the race variable with a numerical variable that was confirmed to reflect the gold standard measurement of GFR and does not include race.”

The estimated GFR equation refit was developed with a diverse population and has acceptable performance characteristics. Patients in the IU Health system who are being seen for kidney function issues may see their GFR change in their portal due to the newly adopted calculations. Clinicians may also see GFRs change, requiring medication dosing adjustments or changes in kidney staging decisions.

IU School of Medicine students also strongly advocated for this change.
FELLOWSHIPS
Pulmonary-Critical Care Medicine (three years)
Critical Care Track (two years)
  Director: Gabriel Bosslet, MD
Sleep Medicine (one year)
  Director: Stephanie Stahl, MD

KEY CLINICAL EDUCATOR
Laura Hinkle, MD
Assistant Professor of Clinical Medicine

FEDERAL TRAINING GRANTS
T33: This training program in adult and pediatric pulmonary and critical care medicine trains new generations of learners to become outstanding researchers or entrepreneurs and to participate in novel pulmonary related research.
T35: The purpose of the Student Research Program in Academic Medicine (SPRAM) is to provide a structured environment that engages medical students’ interest in biomedical, basic, and translational research, and education in research ethics.

Research
Areas of Excellence: cystic fibrosis; ICU brain dysfunction and recovery; sickle cell lung disease; interstitial lung disease; lung cancer pathobiology; lung immunology microbiome; and pulmonary hypertension

NOTABLE PUBLICATIONS


TOTAL NIH AWARD DOLLARS (FY 22)
$6,009,253.00
INDIRECT: $1,537,493.00

TOTAL AWARD DOLLARS (FY 22)
$9,119,254.37
INDIRECT: $1,975,163.31

Additional Leadership Roles
W. Graham Carlos, MD
PIV2 Course Site Leader
Laura Hinkle, MD
Sitewide Course Director (T3)
Gabriel Bosslet, MD
Assistant Dean for Faculty Affairs and Professional Development
Cynthia Brown, MD
Medical Director of the Clinical Research Centers (CRC)
Co-Chair, Women in Medicine and Science (WIMS), Department of Medicine
Francesca Duncan, MD
Co-Chair, Equity and Inclusion Committee, Department of Medicine

Featured Faculty
FRANCESCA DUNCAN, MD
Assistant Professor of Clinical Medicine
EDWIN JACKSON, DO, MBA
Assistant Professor of Clinical Medicine
  • Drs. Duncan and Jackson were awarded a PRIME Grant Award to address disparities in lung cancer by creating an educational curriculum for trainees, PCPs, and community stakeholders
  • Dr. Jackson was also awarded the Dexter Fellowship to build an UltraSound Core Program
SIKANDAR KHAN, DO
Assistant Professor of Medicine
  • Received a K76 grant this year
ANGELIA LOCKETT, PHD
Assistant Research Professor of Medicine
  • Received a KO1 grant this year
ANDREA FRUMP, PHD
Assistant Professor of Medicine
  • Awarded an RO1 on her first submission
BABBAR KHAN, MD
Professor of Medicine
  • Named a Showalter Scholar

Goals
Continue to identify and recruit high-impact scientists and physician-scientists to expand research portfolio in the areas of airway biology/asthma/immunology, lung fibrosis/repair/injury, pulmonary vascular disease, and critical illness translational/outcomes to strengthen ICU brain dysfunction/recovery program; build a more robust clinical trials operation within the division to be able to support additional clinical trials for all faculty and fellows; continue to recruit and support a diverse group of talented trainees, faculty, and staff while working to ensure that they all feel supported and have had time to process the past several years of intense work caring for COVID-19 patients.
Goals
Expand performance of e-consults and review outpatient consultations so as to provide more timely care for patients who need and may benefit from the division’s services; recruit new faculty with research interest and potential.

Clinical
Areas of Excellence: general rheumatology—all faculty evaluate patients with any rheumatological condition, from the basic to the most complex, and provide inpatient consultations at the IUH AHC, Eskenazi and VA hospitals. Additionally, faculty administer musculoskeletal ultrasound for procedures and diagnosis, and the division also employs a nurse practitioner who sees patients with fibromyalgia.

Education
Areas of Excellence: offers a high-quality fellowship program to train future rheumatologists, including an effective didactic program, as well as clinical experience at IU Health University Hospital, Eskenazi Health and the Richard L. Roudebush VAMC; additionally, the division is integrally involved in resident education, providing extensive outpatient clinical experience and a structured education program.
A Fellowship to Remember a Heroic Patient

IU School of Medicine is known around the world for developing the chemotherapy regimen that raised the cure rate for metastatic testis cancer from 5 percent to 80 percent. The first person ever to be cured with it was John Cleland, who recently passed away—47 years after his initial cancer diagnosis. John agreed to try the new combination after previous efforts with other therapies failed. In his honor, we established the John Cleland Testis Cancer Fellowship Fund to promote ongoing training in testis cancer research among our fellow trainees. Since its creation in February, the fund has received 137 gifts and raised more than $355,000.

A New Endowed Chair Honors Chalasani

For more than 25 years, Naga P. Chalasani, MD, has had a distinguished and influential career as a physician, scientist, mentor and leader. He served as chief of the Division of Gastroenterology and Hepatology from 2007 to 2020. And he served as interim chair of the Department of Medicine from 2020 to 2021. To honor that legacy, an endowed chair—the Naga P. Chalasani Chair in Gastroenterology and Hepatology—was established this year thanks to a $2.3 million fundraising campaign.

A Cardiovascular Fellowship to Support Innovation

In March 2022, we welcomed the creation of the Gary and Kathy Anderson Cardiovascular Innovation Fellowship. Gary and Kathy are two stalwart IU supporters. Their generous gift will be used to support a fellowship in the Division of Cardiovascular Medicine, continuing to help IU attract talented fellows. The inaugural Anderson Innovation Fellow is Chirag Dipak Shah, MD, MPH, who will use machine learning and artificial intelligence to equip physicians with tools to better predict long-term morbidity and mortality.

A Fellowship Focused on Compassionate Care

For those who have been around IU cardiology for any length of time, the name Eric S. Williams, MD, MACC, is synonymous with outstanding care and teaching at the highest level. A professor of medicine at IU since 1985, he also served his profession through his leadership at the American College of Cardiology as chairman of the ACC’s Competency Management Committee and a senior member of the Life-long Learning and Oversight Committee. So it is fitting that this year we created the Eric S. Williams, MD Cardiovascular Fellowship through a fundraising campaign with a goal of $1 million. This endowed cardiovascular fellowship will focus on compassionate, hands-on cardiovascular care as we train the physician-educators of the future.

Support for Liver and Kidney Disease Research and Training

Terence P. Kahn, a long-time administrator with the Department of Veterans Affairs, a Vietnam veteran and an Indianapolis resident, made sure to remember the IU School of Medicine in his estate plans, leaving a combined $3.5 million to programs in the Department of Medicine. Mr. Kahn, who died in 2021, left $1.5 million to establish the Terence P. Kahn Professorship in Nephrology. This gift will accelerate research and education benefitting patients with kidney disease. Mr. Kahn also left $2 million to establish the Terence P. Kahn Liver Disease Program of Excellence, supporting liver disease research and education. We are grateful for Mr. Kahn’s generous legacy.

Supporting the Department of Medicine

The IU School of Medicine’s Office of Gift Development works with faculty, alumni, grateful patients, donors, and industry partners who wish to support the School and the Department of Medicine’s educational and research missions. Please contact our colleagues below if you have any questions about how you can support a specific division.

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