

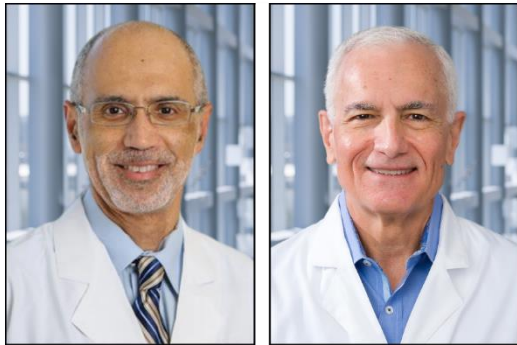
medicine minute

Tuesday, April 9, 2024

kudos

PUBLICATIONS

Vazquez, Colleagues Publish Results of Trial Testing Interventions to Reduce Hospitalizations in CKD



Miguel Vazquez, M.D., and **Robert Toto, M.D.**, both Professors in the Division of Nephrology, and colleagues have published the results of a pragmatic trial of hospitalization rates in chronic kidney disease (CKD). The [research](#), published in *The New England Journal of Medicine*, was a pragmatic study involving more than 11,000 patients who were being treated for chronic kidney disease, type 2 diabetes, and hypertension at 141 primary care clinics in four health systems to determine whether delivering guideline-based interventions would reduce hospitalization at one year when compared to usual care.

They showed that the intervention did not reduce hospitalizations at one year, and acute kidney injury was more common in participants in the intervention group. The study successfully deployed the intervention using information technology combined with practice facilitators. The study enrolled a large number of patients including members usually underrepresented in large clinical trials and with high fidelity to delivery of the intervention.

“This study was performed in real-world settings where patients are receiving their care and provides lessons on how to test multicomponent interventions in patients with chronic conditions,” Dr. Vazquez says.

Additional UTSW study authors were, from the Department of Internal Medicine, Blake Barker, M.D., Perry Bickel, M.D., R. Tyler Miller, M.D., and Samir M. Parikh, M.D., and from the O'Donnell School of Public Health, Chul Ahn, Ph.D., and Song Zhang, Ph.D.

Dr. Bickel holds the Daniel W. Foster, M.D., Distinguished Chair in Internal Medicine.

Dr. Miller holds the Jacob Lemann, M.D. Professorship in Calcium Transport.

Dr. Parikh holds the Robert Tucker Hayes Distinguished Chair in Nephrology, in Honor of Dr. Floyd C. Rector, Jr.; and the Ruth W. and Milton P. Levy, Sr. Chair in Molecular Nephrology.

Dr. Toto, a Distinguished Teaching Professor, holds the Mary M. Conroy Professorship in Kidney Disease.

PROFESSIONAL DEVELOPMENT

Freeland to Participate in Program for Emerging Leaders in Aging



Deborah Freeland, M.D., an Assistant Professor in the Division of Geriatric Medicine, has been accepted into the Tideswell AGS Emerging Leaders in Aging Program at the University of California San Francisco. The one-year course, sponsored by the American Geriatrics Society and the Association of Geriatric Academic Programs, includes activities focused on strategic planning, self-management, influential communication, and results-based management.

Originally from New Jersey, Dr. Freeland holds a bachelor's degree in biology with a business minor from Southwestern University in Georgetown, Texas. She earned her medical degree at UT Southwestern and completed internal medicine residency training at Johns Hopkins Bayview Medical Center. She then returned to UT Southwestern for advanced training through a fellowship in geriatric medicine.

Dr. Freeland joined the UT Southwestern faculty in 2021.

RECOGNITION

King Receives NSAMA Administrator Award



Kimberly King, C-TAGME, a GME Coordinator in the Division of Hematology and Oncology, received the first National Society of Academic Medical Administrators (NSAMA) Distinguished Medical Administrator Award during the organization's virtual conference last week.

NSAMA aims to develop collegiality among teaching institutions to inspire its members to continually push the boundaries of medical education advancements.

In 2023, she received the Donald W. Seldin Award for Outstanding Service by a Classified Employee.

For more information about the organization, click [here](#).

research roundup

DISCOVERIES

Prakasam, Colleagues Publish Findings on Translocation RCC



Gopinath Prakasam, Ph.D., a postdoctoral researcher in the Brugarolas Lab within the Kidney Cancer Program, and colleagues recently published the results of a study that increases understanding of translocation renal cell carcinoma (tRCC), a rare form of kidney cancer that disproportionately affects pediatric patients.

Accounting for 5 percent of all kidney cancer cases, tRCC lacks targeted treatment options and is often considered incurable in its advanced states.

In [the study](#), which appears in the *Journal of Clinical Investigation*, the researchers revealed that genetic mutations, most associated with tRCC and driven by the enzyme Sgl2-Cre, lead to the development of highly aggressive tRCC tumors. This discovery not only

provides essential insights into the potential pathways of tumor development but also lays a foundation for the development of mouse models for tRCC research.

“This finding is a significant step forward in our quest to understand and combat translocation renal cell carcinoma,” says **James Brugarolas, M.D., Ph.D.**, director of the Kidney Cancer Program. “With this breakthrough, we have not only illuminated the elusive pathways of disease development but have also created a promising platform for future research and therapeutic advancements.”

Additional study authors were Akhilesh Mishra, Alana Christie, M.S., Jeffrey Miyata, B.S., Deyssy Carrillo, Vanina T. Tcheuyap, M.S., Hui Ye, Quyen N. Do, Ph.D., Yunguan Wang, Ph.D., Oscar Reig Torras, M.D., Ramesh Butti, Ph.D., Hua Zhong, Ph.D., Jeffrey Gagan, M.D., Ph.D., Kevin B. Jones, M.D., Thomas J. Carroll, Ph.D., Zora Modrusan, Ph.D., Steffen Durinck, Ph.D., Mai-Carmen Requena-Komuro, Ph.D., Noelle S. Williams, Ph.D., Ivan Pedrosa, M.D., Ph.D., Tao Wang, Ph.D., Dinesh Rakheja, M.D., and Payal Kapur, M.D.

Dr. Brugarolas holds the Sherry Wigley Crow Cancer Research Endowed Chair in Honor of Robert Lewis Kirby, M.D.

Dr. Carroll holds the NCH Corporation Distinguished Chair in Molecular Transport.

Dr. Kapur holds the Jan and Bob Pickens Distinguished Professorship in Medical Science, in Memory of Jerry Knight Rymer and Annette Brannon Rymer and Mr. and Mrs. W.L. Pickens.

Dr. Pedrosa holds the Jack Reynolds, M.D., Chair in Radiology.

Dr. Rakheja holds the John Lawrence and Patsy Louise Goforth Distinguished Chair in Pathology.

alumni news

LEADERSHIP

Texas Tech El Paso's Richard Lange Celebrates School's First Decade



Richard Lange, M.D., M.B.A., founding president of Texas Tech University Health Sciences Center El Paso and dean of the Paul L. Foster School of Medicine, recently concluded a year-long celebration of the school's 10th anniversary.

Dr. Lange holds a bachelor's degree in biochemistry from the University of North Texas. He received his medical degree from UT Southwestern and completed internal medicine residency training at Johns Hopkins Hospital. He then obtained advanced training through a fellowship in cardiology at UT Southwestern, where he joined the faculty and became director of the Cardiac Catheterization Laboratory, fellowship program director, and director of the Bernard and Audre Rapoport Center for Cardiovascular Research.

Texas Tech El Paso is the fourth and newest university in the Texas Tech University System.

To learn more about Dr. Lange's impact on the school and the region, click [here](#).



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- [Sr. Administrative Associate \(Department Administration\)](#)

this week

INTERNAL MEDICINE GRAND ROUNDS

Harvard's Dae Hyun Kim to Discuss Frailty Assessment on April 12



Dae Hyun Kim, M.D., M.P.H., Sc.D., an Associate Professor of Medicine at Harvard Medical School and Associate Scientist at the Marcus Institute for Aging Research, will present the [Internal Medicine Grand Rounds](#) lecture on **Friday, April 12, at 8 a.m. in D1.502**. His topic: "Frailty-Guided Clinical Management: Emerging Evidence and its Potential for Personalized Care for Older Adults."

Dr. Kim earned his medical degree at Yonsei University in Korea. He also holds a master's in public health from Johns Hopkins Bloomberg School of Public Health in Maryland, and a science doctorate in epidemiology from Harvard T. H. Chan School of Public Health in Massachusetts. He completed internal medicine residency training at Thomas Jefferson University in Pennsylvania followed by additional training in geriatric medicine from Beth Israel Deaconess Medical Center in Massachusetts.

Dr. Kim founded the Frailty Research Program at the Hinda and Arthur Marcus Institute for Aging Research. His research aims to enable clinicians and health care systems to deliver clinical care and population health management tailored to a person's frailty level.

A Beeson scholar, Dr. Kim developed a claims-based frailty index algorithm, which allows estimation of the frailty level from administrative claims data such as Medicare data. This algorithm is widely used by epidemiologists and health services researchers who want to measure frailty on a population scale. Dr. Kim's current research uses this algorithm to evaluate the benefits and harms of drug therapies, surgical procedures, and care models by different levels of frailty.

To translate frailty into clinical practice, Dr. Kim developed the Senior Health Calculator, an online frailty index calculator, which has been incorporated into the electronic medical records at Beth Israel Deaconess Medical Center. As a result, frailty assessment is increasingly used for clinical decision-making and conversations about prognosis with patients and their family.

GENETICS SEMINAR

Vanderbilt's Jonathan Mosley to Speak on April 12



Jonathan Mosley, M.D., Ph.D., an Associate Professor of Internal Medicine and Biomedical Informatics at Vanderbilt University, will present a Genetics Seminar on **Friday, April 12, at noon in E6.200**. His topic: "Following the Money, Genome First."

Dr. Mosley focuses his research on developing approaches that integrate genetic data sources, including electronic health record systems and large epidemiological studies, to identify genetically-modulated risk factors and biomarkers that impact health and disease.

Lunch will be provided to those who reserve one in advance. To reserve a lunch, click [here](#).

UPDATE IN INTERNAL MEDICINE

Annual CME Conference Scheduled for April 13



The annual Update in Internal Medicine CME Conference is scheduled for **Saturday, April 13, from 7:45 a.m. to 3 p.m.** The one-day live event will again be offered as a hybrid learning experience, with synchronous in-person and online presentations in addition to pre-recorded on-demand content. The presentations will be available for up to one year after the conference, totaling 16 units of CME credit and the opportunity to apply for MOC within the timing requirements of the ABIM rules.

To learn more or to register for the event, click [here](#).

Noteworthy Lectures & Events

- **Tuesday, April 9, Noon:** [Ethics Grand Rounds](#) with **Dr. Robert Berenson** (Health Policy Center at the Urban Institute) – “Profit over Professionalism: The Case of the Medicare Physician Fee Schedule”
- **Tuesday, April 9, 1 p.m.:** [Special Simmons Cancer Center Seminar](#) with **Dr. Ben Stanger** (University of Pennsylvania) – “Nano-immuno Oncology U54”
- **Wednesday, April 10, Noon:** [Excellence in Immunology Lecture Series](#) with **Dr. Jan Carette** (Stanford University) – “Uncovering the Cell Biology of Viral Infection Through Genome-scale Genetic Screen”
- **Thursday, April 11, Noon:** [Pathology Seminar Series](#) with **Dr. Andrew Bellizzi** (University of Iowa) – “Diagnosis and Classification of Neuroendocrine Neoplasms: A Molecular Genetic and Developmental Biology-informed Approach”
- **Thursday, April 11, 4 p.m.:** [President’s Lecture Series](#) with **Dr. Jaclyn Albin** (Combined Internal Medicine and Pediatrics) – “A Delicious Antidote: The Current & Future Landscape of Food as Medicine”
- **Friday, April 12, Noon:** [Hematology & Oncology Grand Rounds](#) with **Dr. Sarah Kashanian** (Hematology & Oncology) – “Characteristics and Outcomes of Breast Cancer Treated in a Safety-Net Setting”



Internal Medicine Events Calendar

[Click to view additional events](#)

save the date

LEADERSHIP LECTURE SERIES

Smith to Speak on Accountability on May 2



The Leadership Lecture Series resumes on **Thursday, May 2, at noon** with a presentation by Lauren Smith, B.B.A., Senior Organizational Development Consultant. Her topic: “Accountability.”

All lectures are virtual, informal, and brown bag. Faculty, APPs, administrators, and trainees are welcome to attend.

To attend the virtual event, click [here](#). Meeting ID: 953 1006 9878; Passcode: 094386

reminders

EDUCATION & TRAINING

Seldin Symposium Scheduled for April 19

The ninth annual **Donald W. Seldin Research Symposium** will be held on **Friday, April 19**, with events scheduled throughout the day.

The keynote address will be delivered by **William G. Kaelin Jr., M.D.**, a Professor of Medicine at the Dana-Farber Cancer Institute and Nobel Prize laureate, at **8 a.m. in D1.502**. His topic: “New Treatments for Anemia, Ischemia, and Cancer Emerging from Studies of von Hippel-Lindau Disease.”

The Seldin-Smith Physician Scientist Lecture will be presented by **Steven E. Mansoor, M.D., Ph.D.**, an Assistant Professor of Internal Medicine in the Division of Cardiovascular Medicine at Oregon Health & Science University, at **noon in D1.502**. His topic: “From Molecular Structure to Drug Development: How Structural Biology can Impact Cardiovascular Medicine.”

Poster presentations ranging from fundamental biology to quality improvement will be displayed along the McDermott Center Plaza, with in-person sessions from **11 a.m. to noon** and from **1 to 2 p.m.**

The symposium concludes with presentations by the **Foster Fellows** and selection of the **Seldin Scholar** at **8 a.m. on April 26 in D1.502**.

To learn more, visit the [Seldin Symposium web site](#).

CONTINUING MEDICAL EDUCATION

GI Conference Scheduled for April 20

“What’s New in GI,” a one-day, in-person CME course on **Saturday, April 20**, will provide attendees with practical information that can be applied today in their clinical practice.

Directed by Associate Professor **Neha Patel, M.D.**, and Assistant Professor **David Fudman, M.D.**, from the Division of Digestive and Liver Diseases, the course is designed for gastroenterologists, GI surgeons, internal medicine physicians, family practice physicians, nurse practitioners, physician assistants, and other healthcare providers who have an interest in gastroenterology.

To learn more or to register for the event, click [here](#).

COMMUNITY

Join Team UTSW at the Take Steps Walk on April 20

UT Southwestern is sponsoring the **Take Steps Walk**, an annual event that benefits the Crohn’s and Colitis Foundation, on **Saturday, April 20**, at Oak Point Park in Plano. Its purpose is to help accelerate research, advance treatments, and provide education and support programs to improve quality of life for patients living with inflammatory bowel disease.

UTSW will have a walk team at the event. Employees, family members, and friends are welcome to join the team.

To join the team, contact [Susan Hughes](#).

Look for the next *Medicine Minute* on **Tuesday, April 16**.
Share feedback and news items with us at IMNews@UTSouthwestern.edu

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