

THE NEUSPAPER

April 2024



College of
Medicine

Department of Neurology

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Publications



Larry Goldstein, MD, FAAN,
FANA, FAHA

Dymm B, Goldstein LB, Unnithan S, Al-Khalidi HR, Koltai D, Bushnell C, Husseini NE. Depression following small vessel stroke is common and more prevalent in women. *J Stroke Cerebrovasc Dis.* 2024;33:107646

Presentations

2024 AAN Annual Meeting



Larry Goldstein, MD, FAAN,
FANA, FAHA



Platform Presentation

Larry Goldstein, MD



Sally Mathias, MD



Controversies in the Management of Stroke: Post Stroke Seizures and Epilepsy

Sally Mathias, MD

Presentations

2024 AAN Annual Meeting cont.

Hidden Gems in Pediatric Basilar Artery Dissection: Unveiling Clues Beyond the Imaging Curtain

Patricia Bacus, Anna Thamann

A Brain to Heart Chat - Improving Workflows of Implantable Loop Recorder for Cryptogenic Strokes

Yasodara Priyadharsi Senthamarai Siddharthan, Margie Campbell, Robyn Huebsch, Christopher Love, Stephanie Rubenstein, Jessica Lee

A Retrospective Analysis of ALS Clusters Near Algae Blooms in North Carolina

Alexandra Linares, Xiaoyan Li, Lisa Satterwhite, Yuyao Sun, Richard Bedlack

Drivers of New Rozanolixizumab Treatment Cycles in Patients with Generalized Myasthenia Gravis in the Phase 3 MycarinG and Open-label Extension Studies

Zabeen K. Mahuwala, Julian Grosskreutz, Ali A. Habib, Renato Mantegazza, Robert M. Pascuzzi, Sabrina Sacconi, John Vissing, Tuan Vu, Raphaëlle Beau-Lejdstrom, Bernhard Greve, Fiona Grimson, Thaïs Tarancón, Vera Bril

Response to Rozanolixizumab Across Treatment Cycles in Patients with Generalized Myasthenia Gravis: A Post-hoc Analysis

Robert M. Pascuzzi, Julian Grosskreutz, Ali A. Habib, Zabeen K. Mahuwala, Renato Mantegazza, Sabrina Sacconi, John Vissing, Tuan Vu, Raphaëlle Beau Lejdstrom, Bernhard Greve, Fiona Grimson, Thaïs Tarancón, Vera Bril

Papilledema a “Misnomer” for Optic Disc Edema: A Single Center Analysis

Nicholas Demas, Hailey Mair, Rani Priyanka Vasireddy, Padmaja Sudhakar

Effect of Applying Inclusion and Exclusion Criteria of Phase III Complement Inhibitor and FCRN Inhibitor Trials to Acetylcholine Receptor-positive Generalized Myasthenia Gravis Patients in Routine Clinical Care

Nakul Katyal, Katherine Clifford, Martavius Lovall, Neelam Goyal, Srikanth Muppidi

Navigating the Anticoagulation Conundrum: A Case of a Term Newborn Presenting with Cerebral Venous Sinus Thrombosis and Ischemic Strokes

Ana Maria Roman, Kevin O'Connor, Anna Thamann, Amelia Wooten

Brain Exercises for Synaptic Training in Cognitively Normal Older Adults

Keerthana Kumar, Tyler Hammond, Gregory Jicha

A Unique Case of Dysferlinopathy Presenting as Refractory Myositis

Rani Priyanka Vasireddy, Yuyao Sun

α -Synuclein Aggregation Differentiates Parkinson's Disease and Multiple System Atrophy in GI Tissue

Tritia Yamasaki, Lilia Turcios, Johannah Stegemann, Saad Hulou, Elena Ostrakhovtich

An Analysis of ACGME Resident Well-being Survey data and Its Correlation to a Resident-administered Well-being Survey

Lauren Bojarski, Timothy Ainger

Presentations

2024 AAN Annual Meeting cont.

Burnout in Neurology

Janet Guo, Senay Gokcebel, Parneet Grewal, Sasha Alick-Lindstrom, Christa O'hana Nobleza, Doris Kung, Suma Shah, Halley Alexander, Natasha Frost, Kamala Rodrigues, Sarah Durica, Seema Nagpal, June Yoshii-Contreras, Katherine Zarroli, Padmaja Sudhakar, Chen Zhao, Sol De Jesus, Deborah Bradshaw, NicoleBrescia, Nancy Foldvary-Schaefer, Laura Tormoehlen, Laurie Gutmann, Sneha Mantri, Ailing Yang, Annie He, Cynthia Zheng, Mark Fiecas

Acute Choreoballism Secondary to Intracranial Hemorrhage in Thalamic-subthalamic Region

Mario Yopez, Victoria Whiting, Nicholas Demas, Zain Guduru

Perception of Lactation Experience Among Neurology Faculty and Impact on Productivity

Cynthia Zheng, Sarah Durica, Christa O'hana Nobleza, Neishay Ayub, Parneet Grewal, Jane Allendorfer, Seema Nagpal, Natasha Frost, Halley Alexander, Sasha Alick-Lindstrom, Alyssa Westring, Suma Shah, Padmaja Sudhakar, Myriam Abdennadher, Kamala Rodrigues, Doris Kung, Nancy Foldvary-Schaefer, Sol De Jesus, Deborah Bradshaw, Jesse Miller, Sima Patel

Ravulizumab Use for Acetylcholine Receptor-positive Generalized Myasthenia Gravis in Clinical Practice

Nakul Katyal, Raghav Govindarajan, Neelam Goyal, Srikanth Muppidi, Suraj Muley

Comorbid Pathology in Clinical Trial Participants: Autopsy Findings and Clinical Features

Pinar Coskun, Justin Barber, Erin L. Abner, Richard J. Kryscio, Frederick A. Schmitt, Larry Goldstein, Linda J. Van Eldik, Peter T. Nelson, Gregory A. Jicha

A Preliminary Systematic Review and Meta-analysis of Randomized Control Trials of Rimegepant and Zavegepant for Acute Pain Relief from Migraine

Sakina Matcheswalla, Kuldeep N. Yadav, Rahul Jena, Lakshmi Sai Deepak Reddy Velugoti, Prince Kwabla Perkyi-Boateng, Aleksei Budnik, Zabeen Mahuwala

The Art of Finding the Brain's Construction from the Face: A Report of Contralateral Central-type Facial Palsy from a Medullary Infarction

Fatai Akemokwe, Divya Menghani, Sally Mathias

Unleashing the Potential of Telemedicine in Epilepsy: Effectiveness and Patient Preferences

Rani Priyanka Vasireddy, Ana Maria Roman, Sally Mathias, Christopher McLouth, Lara Jehi, Ruta Yardi

Dosed to the Max—A Case Report About Bupropion Overdose

Patricia Bacus, Khadija Jadun, Zahra Haghighat, Ima Ebong

MRI Predictors of Cognitive Outcome After Small Vessel Disease Stroke

Sara Hassani, Deborah Koltai, Timothy Amrhein, Shakthi Unnithan, Hussein Al-Khalidi, Cheryl Bushnell, Larry Goldstein, Nada El Hussein

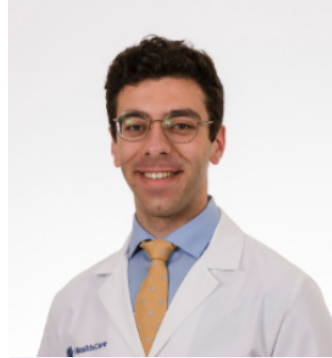


Presentations

American Clinical Neurophysiology Society Annual Meeting



Trevor Logan, MD, PhD PGY-4



Mohammed Hindi, MD, PGY-2



Farhan Mirza, MD

Dacrystic Seizures seen by Stereoelectroencephalography and captured and treated with Responsive Neurostimulation

Trevor Logan MD PhD, Mohammed Hindi, MD, Farhan Mirza, MD, Meriem Bensalem-Owen MD, Sally Mathias, MD



Ana Roman, MD - PGY-5

Navigating the Anticoagulation Conundrum: A Case of a Term Newborn Presenting with Cerebral Venous Sinus Thrombosis and Ischemic Strokes

Ana Marie Roman, Kevin O'Connor, Anna Thamann, Amelia Wooten

Faculty Achievements



Gregory A. Jicha, MD, was selected by the Vice President for Research as a University Research Professor.



Ann Stowe, PhD, FAHA among winners of 2024 Excellent Undergraduate Research Mentor Award.



Ima Ebong, MD received the Leadership Award as a DEI Ambassador.



Gregory A. Jicha, MD, was chosen as one of the recipients of the AUPN Faculty Leadership Award. This award recognizes faculty members who have demonstrated exceptional leadership within their department. Dr. Jicha will be presented with a certificate and a special gift during the Business Meeting & Awards Ceremony at the AUPN Annual Meeting in Orlando, FL.

Faculty & Resident Kudos



Dr. Logan Eslinger PGY-1 received plaudits from his peers this month. They highlighted his excellent work providing care for a complex census. His calm, efficient, and professional demeanor helped stabilize patients while summoning the ICU team. "He's been an integral and dependable member of our team."



Dr. Molly Bates PGY-4 was selected for one of the UK College of Medicine's Mission, Vision, Pillar, and Enabler (MVPE) Awards. Dr. Bates received the Vision Award for her work to streamline communication and optimize patient care. For additional details, read more in the [MVPE Award winners article](#).

Resident Achievements

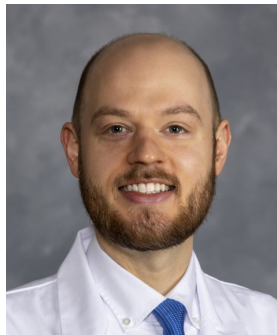
GME Trainee of the Month - April



Congratulations to [Zhu Zhu, MD, PhD](#) PGY-4. She was selected as the [April 2024 GME Resident of the Month!](#)

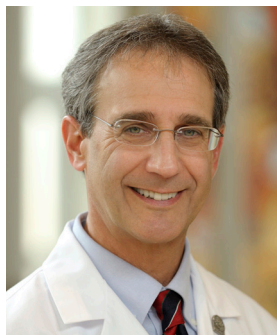
Dr. Zhu was singled out as a tremendous resident. Her demonstration of medical knowledge, clinical acumen, efficiency, teamwork, empathy, and kindness were traits that helped her stand out from the crowd.

Seen & Heard



[Jordan Clay, MD](#), helps separate myth from reality when it comes to epilepsy and seizures as he visits with WUKY's [Dr. Greg Davis on Medicine](#). You can listen to Dr. Clay's discussion with Dr. Davis and read additional information about epileptic seizure's (i.e., identifying, aiding, and typical misconceptions) at [WUKY](#). Dr. Clay also covers this topic in-depth an article he penned for [UKNow](#).

[Additional Seizure First Aid Resources](#)

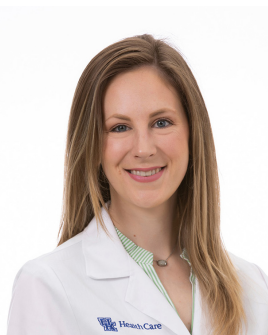


[Larry B. Goldstein, MD](#), was quoted by [MDedge/neurology](#) for their article on antidiabetic drugs and the mechanisms that are lowering stroke risk.



They are not working through glycemic control per se, but it is not yet clear what the mechanism of benefit is.

Larry Goldstein, MD, FAAN, FANA, FAHA



[Joshua Chalkley, DO, MS](#), and [Lauren Bojarski, DO](#), appeared in the [UKNOW](#) article "[A month of madness with a 'Brain on Fire': UK HealthCare helps extinguish teen's rare disorder.](#)" They discuss their identification of this rare condition, the patient's experience, and her ongoing care and treatment.

News Wrap Up



Hunter Hazelwood

A UK medical student's experience with groundbreaking translational research

Complex stroke procedures, innovative biobank give Hunter Hazelwood the experience to build a fulfilling medical career.

Hunter Hazelwood, a third-year medical student at the University of Kentucky, wants to become a surgeon. He assumed his first hands-on experience with surgical procedures would come during residency, or at least much later in medical school.

But as early as his first year, he was able to shadow surgical faculty at the University of Kentucky College of Medicine. Soon after that, he found himself in the thick of the action, assisting with clinical research and developing a newfound love for neurosurgery.

Through the Professional Student Mentor Research Program, Hazelwood met Justin Fraser, MD, professor of neurosurgery, and Keith Pennypacker, PhD, professor of neurology with a joint appointment in neuroscience. Drs. Fraser and Pennypacker each have a wealth of knowledge in stroke care and science. Alongside Ann Stowe, PhD, they are co-principal investigators of the Center of Advanced Translational Stroke Science (CATSS), an interdisciplinary team within the Office of Research's Alliance Research Initiative.

In his first year of medical school, Hazelwood shadowed Dr. Fraser during thrombectomy procedures that remove harmful blood clots from stroke patients. He had his first opportunity to participate in the collection of blood from stroke and non-stroke patients. He began working closely with Dr. Pennypacker in the analysis of these samples that are stored in UK's tissue biobank, the Blood and Clot Thrombectomy Registry and Collaboration (BACTRAC).

[Read more](#)

Philanthropy

Robert J. Baumann, MD Resident Endowment Fund

The endowment was established in honor of Dr. Baumann's skills as a clinician and educator. It provides much needed funding for resident learning opportunities and research-related needs that are not otherwise supported.

Education is one of the core missions of our department - we are always looking for ways to improve the curriculum and educational opportunities we provide. Our goal is to continue to attract the highest caliber trainees to our programs, provide comprehensive neurological education, and increase the number of neurologists available in the commonwealth capable of providing cutting edge patient care and who are dedicated to life-long learning. In 2015, the Robert J. Baumann, MD Fund for Neurology Residents was established to help us support our goals for the neurology resident program. Dr. Baumann has been a familiar face among neurology residents at the University of Kentucky for five decades. Dr. Baumann truly embodies the teaching mission of our department. His devotion to the field of medicine and training the next generation of providers is truly second to none.

In keeping with Dr. Baumann's passion for providing a strong medical education, the endowment will bolster the continued expansion of the Residency Program and ensure that our trainees have a well-rounded experience, positioning us to be among the best, and most sought out programs in the United States. Please consider contributing to the continued growth of our program and making an impact on future neurology residents by making a gift to the Robert J. Baumann MD Fund for Neurology Residents. All donations will be acknowledged and are tax deductible.

Donations can be made by contacting Taryn Derrick at taryn.derrick@uky.edu, for Neurology Alumni Philanthropy and Beth Wells at beth.wells@uky.edu for the Grateful Patient and Family Philanthropy.





Wellness & Support Resources

UK Wellness Resources

Academic Resources offer a wide variety of online and in-person tips, tools, and suggestions.

Workplace Safety

UK HealthCare is committed to safety and well-being of patients, visitors, and staff in our enterprise. We take all forms of aggression, violence, and threats seriously. Sometimes frontline staff don't report these incidents, because they feel disruptive behavior is "part of the job."

Childcare

Several childcare facilities are located on or adjacent to the UK campus. Please note that some of these programs have a 9-10 month waiting list, so if you are interested, please talk to the directors as early as possible.

Financial Health

You and your family have access to live financial experts for guidance on financial questions, big or small.

Diversity & Inclusion

As healthcare providers, we have an obligation to do no harm. But our obligations go further to prevent harm from befalling others because of our inaction or silence.

Spiritual

Various resources are available for spiritual support through the GME program.

Abuse Response & Reporting

For procedures to report abuse, and for details of patient rights, click the title.

The Vicarious Trauma Toolkit

The *Vicarious Trauma Toolkit* (VTT) was developed on the premise that exposure to the traumatic experiences of other people—known as **vicarious trauma**—is an inevitable occupational challenge for the fields of victim services, emergency medical services, fire services, law enforcement, and other...

Well-Being

The University of Kentucky GME Wellness In Training Committee is devoted to helping GME learners achieve their highest potential through the integration of the physical, social, emotional, environmental and economic aspects of wellness.

QPR Training

All of us are aware personally and professionally of the increase in our community of people with depression and anxiety, a trend that was significantly exacerbated by the pandemic. UK HealthCare is offering free online QPR Suicide Prevention training to employees...

Physician Support Line

This is a peer-to-peer support line for physicians by physicians that is available to US based DO / MD / international equivalents at the attending, fellow, resident, intern, medical student, or research level. Any discussions are confidential and protected.

Lexington Medical Society Physician Wellness Program

Services include individual counseling, couples/family sessions, and sessions with spouse/partners alone. These confidential and free counseling services are available to anyone.

UK Work-Life Counseling

Free and confidential counseling for life stress, work performance, substance abuse concerns, and mental health.

UK REFER Program

A Family Center Counseling service provided as a benefit to UK employees that focuses on personal, couple, and/or family concerns.

Emergent Psychiatry Services

UK Department of Psychiatry Outpatient Clinic provides confidential consultation during business hours, five days per week. Call **859-323-6021** and follow the prompts for the Outpatient Clinic.

The Ridge Behavioural System

Access to confidential consultation regarding the need for emergency psychiatric services is available to 24 hours per day, seven days a week. The house staff officer is to call **859-268-6400** and ask for the Assessment Office and identify oneself as a UK resident/fellow needing immediate evaluation.



Events

Did you know?

This is the 76th American Academy of Neurology (AAN) Annual Meeting. The first Annual Meeting was held in 1949 at a spa in French Lick, Indiana.



From left to right:

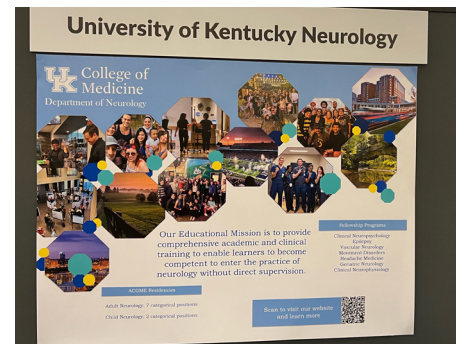
Dr. Jagannadha Avasarala, Dr. Fred Odago, Dr. Edward Kasarskis, Dr. Robert Baumann, Dr. Vishakhadatta Kumaraswamy, Dr. Jessica Lee, Dr. Zain Guduru, Dr. Larry Goldstein, Dr. Sally Mathias, Jana Chadwell PA-C, Dr. Lauren Bojarski, Dr. Rani Priyanka Vasireddy, Sanjya Pervin PG-4, Kelly McCormick PA-C, Dr. Priyadharsini Senthamarai Siddharthan PG-4, Dr. Amy Hessler



▶ Dr. Tritia Yamasaki presents in front of the AAN 2024 Annual Meeting.

▶ Dr. Zain Guduru, Dr. Priyadharsini Senthamarai Siddharthan PG-4, Crystal Vires, Dr. Kara Kennedy, Dr. Rani Priyanka Vasireddy, Dr. Molly Bates, Dr. Ana Roman Guzman PGY-5, Dr. Ana Bojarski

▶ Neurology education program poster.



▶ Dr. Vasireddy and Dr. Bojarski prepare to play the fued.

▶ Good answer! Good answer!



Save the Dates

2024 SCN SUMMIT UPDATE & STRATEGIC PLANNING

Thursday, September 12th
8:30 – 9:30am

Marriott City Center | 121 West Vine Street | Lexington, KY

Wellness & Resilience Committee

Welcomes

You & Your Family to
UK Neurology Picnic



Sunday August 18, 2024



Rachel Ward-Mitchell, BSN, RN, would like to invite you to the virtual epilepsy support group via Zoom. This meeting is the first Tuesday of the month from 6:30 pm to 8 pm. If you would like to join the meetings please contact Rachel at 859.218.5053 or through Central Kentucky Epilepsy Network

<https://www.facebook.com/CentralKentuckyEpilepsySupportNetwork>



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Department of Neurology — Newsletter
<https://medicine.uky.edu/departments/neurology>

Please submit contributions for the next edition of THE **NEUSPAPER** to Lee Anne Rudd, (lee.rudd@uky.edu)

