



IN THE LOUPES



THE MARYLAND
NEUROSURGERY
NEWSLETTER

DEC & JAN HIGHLIGHTS

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SEND US YOUR SUBMISSIONS!

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Wanting to share what type of news you want to hear more of? Email Neurosurgery.Communications@som.umaryland.edu





GRATEFUL PATIENTS

NEW TO THE DEPARTMENT

THACH VU NGUYEN, PARKER LAB RESEARCH ASSISTANT

thachvu.nguyen@som.umaryland.edu

Thach-Vu Nguyen, "Vu" for short, graduated from the University of Maryland College Park in 2021 with a degree in biochemistry. While he is applying for medical school, he will be assisting **Whitney Parker, MD, PhD in investigating the efficacy of low intensity MR-guided focused ultrasound in disrupting epileptogenesis after traumatic brain injury. Vu hails from Waldorf, MD, and has been living in south Baltimore for three years now with his "goofy looking" black lab mix, along with his "extra large" orange cat. In his free time, he likes to hike, do plant care, tutor math, and be disappointed by the Washington Wizards on a weekly basis. Welcome aboard Vu!**



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We understand that every journal has their own copyright policies. Any issues will be dealt with on a case-by-case basis. For any questions or concerns, please reach out to Tina via email at tiwang@som.umaryland.edu! Thank you!



LECTURES



THE DAVID M. IBRAHIMI, MD VISITING PROFESSORSHIP IN NEUROSURGERY, WITH ROD J. OSKOUIAN, MD!

The David M. Ibrahim Visiting Professorship was established in 2017 to honor Dr. David Ibrahim's life and legacy. Dr. Ibrahim not only occupied a thriving practice within our Department as Assistant Professor, but was also an excellent teacher and mentor beloved by his patients and residents. This Lectureship invites prominent contributors in the field of spine surgery to exchange advances in patient care and research.

On December 1st, we had the privilege of hearing this year's renowned guest speaker, **Rod J. Oskouian, MD** give his talk on "Intradiscal Osteotomy: An Alternative Technique for Adult Spinal Deformity Correction." After which, the Ibrahim Research Award was presented to **Nathan Han, MD, PGY-6** for his research study published in *European Spine Journal* titled: "Anterior longitudinal ligament release from a posterior approach: an alternative to three-column osteotomy." A special thank you to Dr. Oskouian for his visit, and congratulations to Nathan!!

DR. CRANDALL ON THE AIR WITH NEUROSURGERY PODCAST!

Ken Crandall, MD spoke with Neurosurgery Podcast in December for *Episode 126: Flying High Again*, with Michael Wang. Dr. Crandall shared his hobby of piloting, and how neurosurgery, like flying, requires navigating stressful situations and the ability to manage a high-risk environment. You can listen to the full episode [here](#).

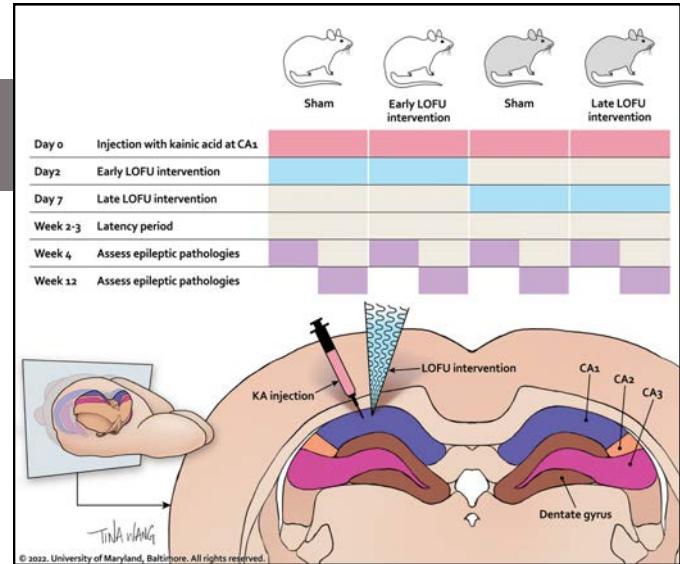




GRANTS & AWARDS

THE PASSANO AWARD!

Whitney Parker, MD, PhD received The Passano Award from the [The Passano Foundation, Inc.](#) for her proposal on "MRI-guided Focused Ultrasound for Disconnective and Neuromodulatory Treatment of Epileptic Networks"! This grant is awarded to notable, early career physician-scientists for the year 2023. *Congratulations Dr. Parker!*

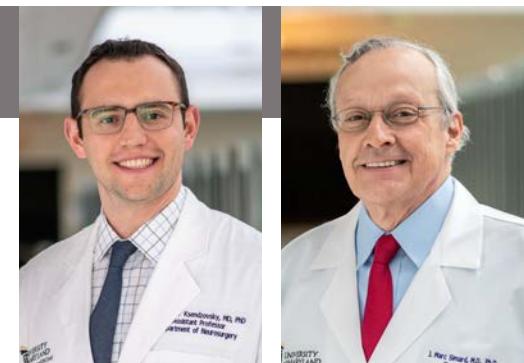


THE AMERICAN CANCER SOCIETY IRG AWARD!

Paul Anastasiadis, PhD and **Graeme Woodworth, MD** received [The American Cancer Society IRG Award](#) for the amount of \$40,000 on their research regarding leveraging acoustic emissions to accelerate the clinical translation of microbubble-enhanced focused ultrasound for the purposes of liquid biopsy in the setting of glioblastoma. *Amazing work Drs. Anastasiadis and Woodworth!*

EXPLORATIVE GRANT AWARD ANNOUNCEMENT!

The first Department of Neuroscience Research Committee announced the recipients of the explorative grant funding of \$75,000 titled "Entorhinal cortex controlled cortical impact (ecCCI) as a novel model of post-traumatic epilepsy", submitted by **J. Marc Simard, MD, PhD** and **Alex Ksendzovsky, MD, PhD**! *Congratulations Drs. Simard and Ksendzovsky!*

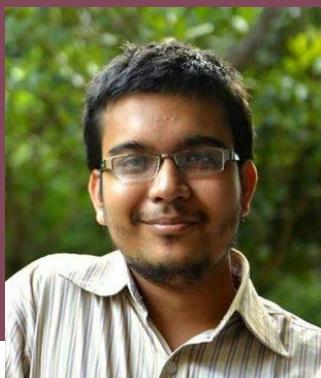




NIH GRANT AWARDED TO TTRG!

The National Institutes of Health (NIH) awarded PI's **Huang Chiao Huang, PhD, Anthony Kim, PhD, Jeff Winkles, PhD, and Graeme Woodworth, MD** a grant in the amount of \$648,421 for their project titled: "Nanotherapeutic enhancement of interstitial thermal therapy for glioblastoma." *Congratulations!!*

RESEARCH HIGHLIGHTS

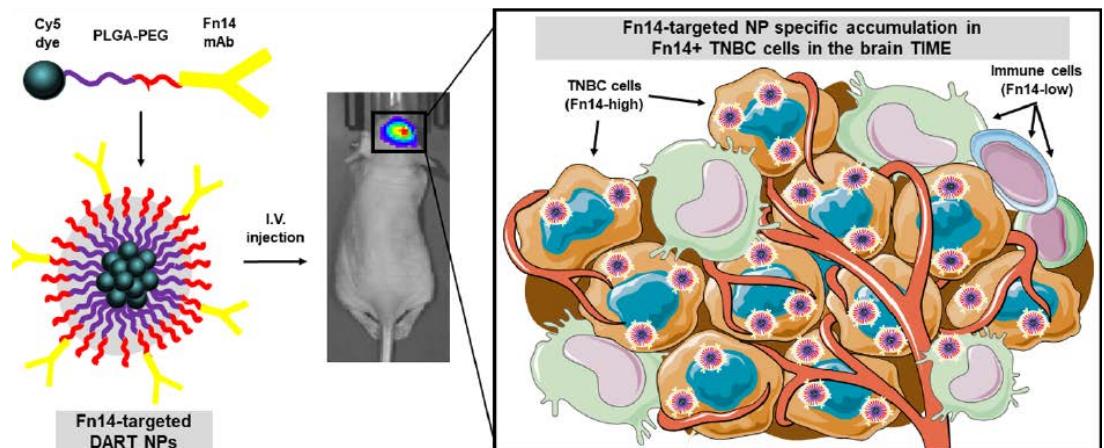


MUSAVVIR MAHMUD, MD

Musavvir Mahmud, MD Translational Therapeutics Research Group (TTRG) PhD Student has been accepted into the Future Faculty Program at the A. James Clark School of Engineering. This is a highly selective program at University of Maryland College Park for doctoral students with a potential to become a faculty member after their Doctoral/Post-Doctoral training. *Congratulations on this amazing accomplishment!!*

MOLECULAR PHARMACEUTICS PUBLICATION

Graeme Woodworth, MD, Jeff Winkles, PhD, Christine Carney, PhD, Chixiang Chen, PhD, Paul Anastasiadis, PhD, and Anthony Kim, PhD authored the latest publication in *Molecular Pharmaceutics*, titled: "Fn14-Directed DART Nanoparticles Selectively Target Neoplastic Cells in Preclinical Models of Triple-Negative Breast Cancer Brain Metastasis." The full article can be accessed [here](#).





NEWSWORTHY!

UMSOM LAUNCHES UM-MIND!

UM School of Medicine Launches New Maryland Institute for Neuroscience Discovery (UM-MIND) to leverage UMSOM's nationally renowned neuroscientists to focus on fundamental discovery, ultimately improving patient care in neurological disorders! The Institute will recruit new talent to campus and leverage the more than 120 leading neuroscientists, including our very own **Graeme Woodworth, MD**, at UMSOM under one umbrella and elevate the prominence of UMSOM's basic and clinical science research portfolio. To read the full article written by the School of Medicine [here](#), and watch the full Maryland Medicine Front Line News clip highlighting this launch [here](#).

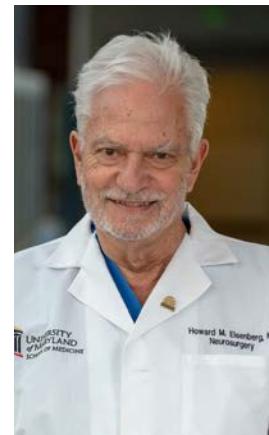


WFMZ-TV 69 NEWS COVERAGE!

Howard Eisenberg, MD, Paul Fishman, MD, PhD, and Dheeraj Gandhi, MBBS assisted in the treatment of Parkinson's patient, Mark Witman, who underwent the bilateral focused ultrasound treatment at our facility. This story was featured on WFMZ-TV 69 News [here](#).

FDA APPROVED!!

Kaitlyn Henry, our Clinical Research Supervisor, as well as **Howard Eisenberg, MD** are excited to report that the FDA has approved bilateral Focused Ultrasound treatment for Essential Tremor! A person bilaterally effected will now be able to receive a staged (minimum of 9 months between treatments) Focused Ultrasound Treatment for both sides. "As a center who participated in the clinical trial which led to this approval, we are extremely excited that we can provide this highly anticipated therapy to our patients!" Kaitlyn says. *Congratulations team!*



DEC 2022 & JAN 2023

CALENDAR OF EVENTS & HOLIDAYS

DECEMBER 2022 GRAND ROUNDS

Thu, December 1 7:30 AM - 8:30 AM	The David M. Ibrahim, MD Visiting Professorship, featuring Rod J. Oskouian, MD
Thu, December 8 7:30 AM - 8:30 AM	Brian Klass "The Art of Presentation"
Thu, December 15 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD "M&M"
Thu, December 22 - 29 7:30 AM - 8:30 AM	HOLIDAYS - NO CONFERENCES

JANUARY 2023 GRAND ROUNDS

Thu, January 5 7:30 AM - 8:30 AM	Fraser Henderson Sr., MD "Diagnosis, Treatment, and Thoughts on the Pathophysiology of Fielding Type 1 Alanto-axial Rotary Subluxation in the Population..."
Thu, January 12 7:30 AM - 8:30 AM	David Langer, MD "Early Experiences with Post Operative Neurosonography"
Thu, January 19 7:30 AM - 8:30 AM	Mohamed Labib, MD "Walking Through Landmines: Is it Worth It?"
Thu, January 26 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD "M&M"

FEBRUARY 2023 GRAND ROUNDS

Thu, February 2 7:30 AM - 8:30 AM	Laura Ngwenya, MD, PhD, FAANS
Thu, February 9 7:30 AM - 8:30 AM	Abdul Ahmed, MD, SM, PGY-5
Thu, February 16 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD
Thu, February 23 7:30 AM - 8:30 AM	Ross Puffer, MD

DECEMBER				
M	T	W	Th	F
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5	6	7	8	9
12	13	14	15	16
17	18	19	20	21
23	24	25	26	27
30	31			

JANUARY				
M	T	W	Th	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

12/21 - 1/2 UMB Staff Out of Office

DEC 2022 & JAN 2023 HOLIDAYS

12/18/22 - 12/26/22 - Hanukkah

12/24/22 - Christmas Eve

12/25/22 - Christmas Day

12/26/22 - 1/1/23 - Kwanzaa

12/31/22 - New Year's Eve

1/1/23 - New Year's Day

1/2/23 - Day after New Year's Day

1/16/23 - Martin Luther King Jr. Day



HAVE A STORY YOU WANT TO SHARE?



We are looking for stories, achievements, heroics, tidbits, and fun stuff to feature in *In the Loupes* and to share within University of Maryland and our surrounding communities. If you are interested in writing a column or want to share what type of news you want to hear more, feel free to email at rcmcgowan@som.umaryland.edu

If you would like to submit your news via the Neurosurgery News Portal, scan the QR code or copy and paste the link below into your browser.

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HAPPY HOLIDAYS!

