



IN THE LOUPES



THE MARYLAND
NEUROSURGERY
NEWSLETTER

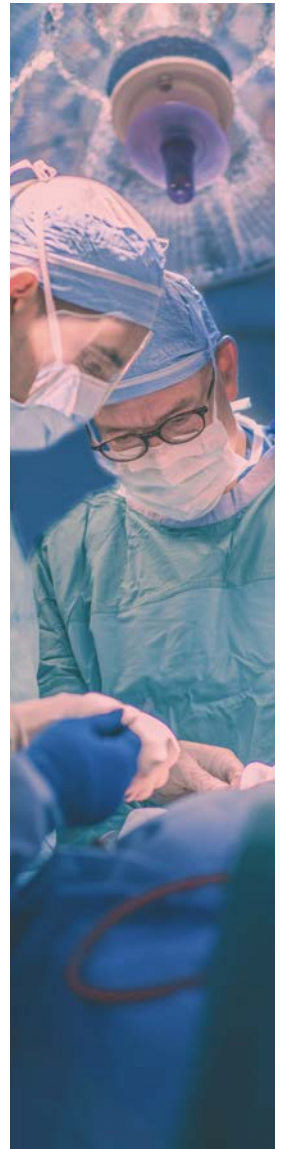
NOVEMBER HIGHLIGHTS

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SEND US YOUR SUBMISSIONS!

Interested in writing a column?
Wanting to share what type of news
you want to hear more of? Email
[Neurosurgery.Communications@
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MORE
INSIDE!

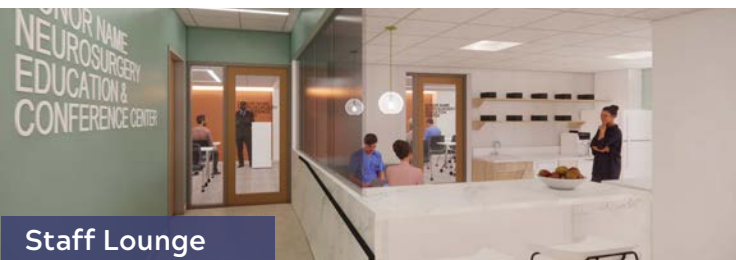




12TH FLOOR RENOVATION UPDATE!



Conference Room



Staff Lounge



Entry



Patient Waiting Area

The A Wing and B Wing will be renovated first and will be unavailable for about 6 months beginning in mid January. The D wing will be the primary office, administration, and conferencing space until the A and B Wing are completed. We'll then transition to the renovated spaces for the next few months while the D Wing is fully renovated. We anticipate a few disruptions during the next 12 months and will communicate frequently to minimize the impact. The new spaces will be well worth the wait!

CONFERENCE ROOM

Technologically enabled conference room and teaching space supports our renowned neurosurgical residency program and provides a state-of-the-art location for case study presentations, symposia, and meetings with peer institutions worldwide.

STAFF LOUNGE

Throughout the center, a wide range of flexible, inviting collaboration spaces allow for formal and informal creative problem-solving and debriefing essential to excellence in patient care as we meet the needs of the patients of Maryland by handling a high volume of the most complex, and often, the most urgent, brain and spine diseases with care, compassion, and excellence.

ENTRY

A welcoming entry off of the rotunda will serve as the hub of a new neurosciences center whose design fosters cross-pollination across the disciplines of neurosurgery, neurology, and psychiatry.

PATIENT WAITING AREA

The clean, open design of a new dedicated patient care suite adjacent to the rotunda improves patient wayfinding and offers a calm and reassuring atmosphere for consultations and procedures within the center.

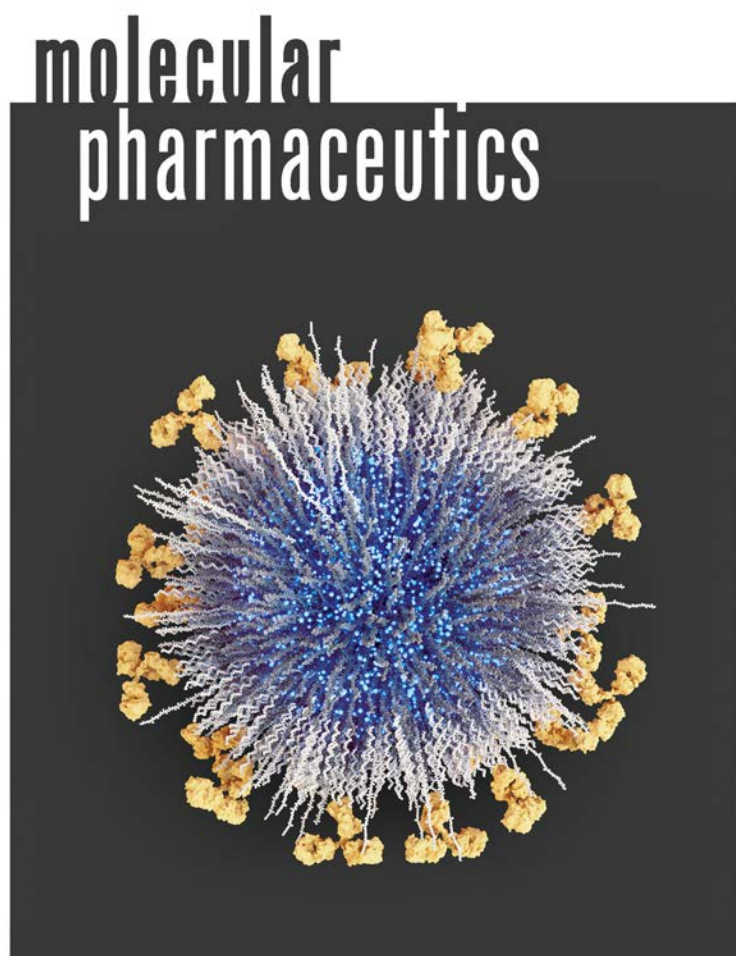


RESIDENT HIGHLIGHT

Abdul-Kareem Ahmed, MD, SM, PGY-5 won a Young Investigator Award at the Focused Ultrasound Symposium, held in Bethesda, Maryland. He presented trial results for trigeminal neuralgia and served on the chronic pain panel. *Congratulations, Abdul!*

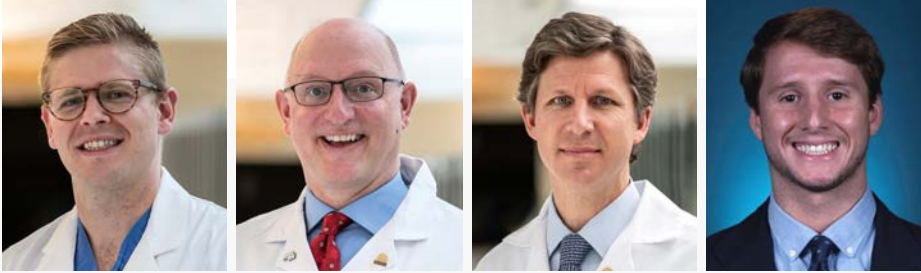
TINA WANG NANOPARTICLE ILLUSTRATION CHOSEN AS JOURNAL'S COVERART!

Tina Wang, MA illustration depicts a nanoparticle which showcases the different layers within a nanoparticle: payload (blue), PLGA (grey), PEG (white), and targeting moiety (yellow). This illustration was made for **Drs. Graeme Woodworth, Anthony Kim, and Jeffrey Winkles**, and has recently been chosen as the cover art for *Molecular Pharmaceutics*, accompanying the manuscript "Fn14-directed DART nanoparticles selectively target neoplastic cells in preclinical models of triple negative breast cancer brain metastasis."





PUBLICATIONS & PRESENTATIONS



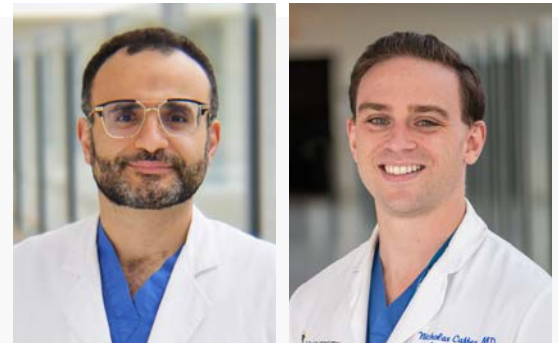
PUBLICATIONS

Josh Olexa, MD, PGY-5 was corresponding author, along with coauthors **Gary Schwartzbauer, MD, PhD, Graeme Woodworth, MD, and Cole Brown, Neurosurgery**

Research Fellow, published a review article on November 11th titled, "Expanding Educational Frontiers in Neurosurgery: Current and Future Uses of Augmented Reality." This publication can be accessed [here](#), in Neurosurgery, Vol. 10.1227, which analyzes the current status of AR use cases with the goal of envisioning future uses of AR in neurosurgical education.

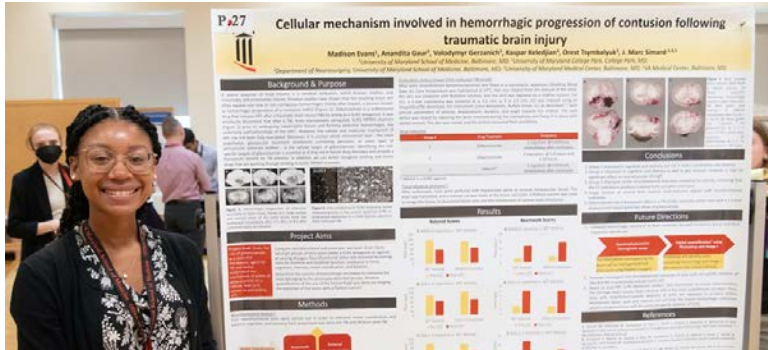
PRESENTATIONS

Mohamed Labib, MD will be attending the North American Skull Base Society Meeting in Tampa, Florida this February! Dr. Labib has been invited to present on "Trans-cavernous Approach to Petrous Apex Lesions," as well his abstract, "The third nostril: combining the contralateral, substarsal transmaxillary retro-eustachian and endoscopic endonasal approaches to the Jugular Foramen." **Nick Caffes, MD, PGY-7** will also be presenting at the meeting on "Cerebellar AVM with Prenalid and Remote Aneurysms."



Bizhan Aarabi, MD will be giving three talks at the Seattle Science Foundation (SSF) Symposium for the 7th Annual Selected Topics in Neuroplastic & Reconstructive Surgery: An Internal Symposium on Head/Spine Trauma, Cranioplasty, and Implantable Neurotechnology with Cadaver Lab. December 2nd and December 3rd, and one talk in Miami, Florida from December 9th to December 11th. Dr. Aarabi will be presenting "Expansion Duraplasty in Cervical SCI: When to Be Prepared!," "What to Expect from Odontoid Fractures: 'With Neurological Deficit!'," and "Odontoid Fractures with Neurological Deficit: Is it a Problem?"

THE 45TH ANNUAL MEDICAL STUDENT RESEARCH DAY



Faculty Mentor Recognition Awards

Productivity Impact

Mentee

Nominee/Awardee



Darrian McAfee, MSII



Alexander Ksendzovsky, MD, PhD
Assistant Professor
Neurosurgery | Anatomy & Neurobiology

This celebration was held on November 16th, led and organized by the Office of Student Research (OSR) and the University of Maryland School of Medicine's AOA Chapter. **Madison Evans, MS2**, a medical student who works in the Simard Lab, investigated the cellular mechanism involved in hemorrhagic progression of contusion (HPC) following traumatic brain injury (TBI). "I'm excited for my research findings to aid in future drug discovery and provide a therapeutic benefit for TBI patients," Madison says. **Darrian McAfee, MS2**, a medical student who works in the Ksendzovsky Lab, presented on "The Interaction Between KATP Channel and LDHA Forms the Link Between Metabolism and Epilepsy." In addition, **Alex Ksendzovsky, MD, PhD** received the "Special Mentor Recognition" for his impact on Darrian's research experience! *Great work Madison and Darrian!*

DR. PETE CRINO COMPLETES HIS FIRST NYC MARATHON!

Chair of Neurology, **Pete Crino, MD**, achieved a major item on his bucket list this month when he crossed the finish line of the NYC Marathon, a 26.2 mile course that takes runners through all 5 boroughs of the Big Apple. Dr. Crino spent the past several months training for the marathon, which he ran to raise awareness of tuberous sclerosis complex (TSC). He raised over \$5,000 to help fund support for kids and adults impacted by the genetic disorder.



This was Dr. Crino's first NYC Marathon, with his daughters in attendance to cheer him on. He described it as an amazing experience. "Thankfully, I did not hit 'the wall' and at 24 miles, still felt pretty strong. The last 2 were a blur. The energy in NYC was simply incredible and it is true the crowds do get you through a lot. There are a few spots along the road where you just feel awesome and the views of NYC are unparalleled. Everyone, from bridge workers, to the NYPD, shopkeepers, water station volunteers, passerby, and spectators young and old, are cheering for you." Dr. Crino said.

He added, "The finish line was like a huge party. People cheering, crying, laughing, hugging. Running with me--actually ahead of me, younger and much faster--were two parents of kids with TSC. True heroes."

Dr. Crino finished with a time of 6:15, and joked that at his age, he was thrilled to be there. Also running from the Department of Neurology were **Jennifer Hopp, MD** and **Prajwal Ciryam, MD**. You can access the full feature on WBAL-TV [here](#) or click on the above image. *Congratulations Drs. Crino, Hopp, and Ciryam!*

NOVEMBER 2022

CALENDAR OF EVENTS & HOLIDAYS

NOVEMBER GRAND ROUNDS

Thu, November 3 7:30 AM - 8:30 AM	Steven Brem, MD <i>"The Intersection of Neurosurgery, Connectomics, and Oncology; Connecting the "Dots" From the Past to the Future"</i>
Thu, November 10 7:30 AM - 8:30 AM	Juanmarco Gutierrez, MD, MHs <i>"My Translational Research Experience at Emory"</i>
Thu, November 17 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD <i>M&M</i>
Thu, November 24 7:30 AM - 8:30 AM	THANKSGIVING - NO CONFERENCES

NOVEMBER CALENDAR

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER GRAND ROUNDS

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

HOLIDAYS

November 11th - Veterans Day

November 24th - Thanksgiving Day

November 25th - Native American Heritage 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.

[CLICK HERE TO ACCESS THE
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HAPPY THANKSGIVING & NATIVE AMERICAN HERITAGE DAY!

