



IN THE LOUPES



THE MARYLAND
NEUROSURGERY
NEWSLETTER

JUNE 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





NEW TO THE DEPARTMENT

COLE BROWN

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For the next year, Cole is working as a Research Fellow in the TTRG while he applies to medical schools for 2023. He will be involved in multiple projects, including the rat resection model, some focused ultrasound applications, and cell migration project. Cole is also spending a lot of his time doing clinical work, shadowing, and gaining experience in the new bioskills lab. He attended the University of North Carolina at Chapel Hill, and in his spare time, likes spending time with friends and family, playing and watching sports, and staying active and being outdoors.



POORNIMA DUBEY

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Before joining TTRG, Dr. Dubey has worked with Radiation Oncology at University of Cincinnati (UC), College of Medicine. Before moving to the US in 2020, she worked as a Research Associate in UCL School of Pharmacy in London at IMODE (Innovative Multi-Component Drug Design). She received DBT-JRF fellowship for pursuing MSc. Biotechnology from University of Mysore, and received her PhD from IIT Roorkee, India in 2016, from Center of Nanotechnology. As a Life Science enthusiast with a strong background in interdisciplinary research from nanobiotechnology to nanopharmaceutical. She is driven to design and explore translational brain cancer, and metastasis breast cancer nanomedicine in radiation, laser, and ultrasound assisted manner. Apart from science, she enjoys dancing, hiking, and biking. Poornima also loves traveling to explore new places, cuisines, art forms, as well as learning about new cultures and meeting new people.

**WELCOME TO THE TTRG &
MARYLAND NEUROSURGERY TEAM
COLE, MUSAVVIR, AND POORNIMA!**

MUSAVVIR MAHMUD

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Musavvir graduated in Materials Science from Bangladesh University of Engineering and Technology (BUET). His interest in medical science brought him to the biomedical field. Before joining the Fischell Department of Bioengineering as a PhD student, he used to work on electrospun nanofibers for smart wound healing applications at BUET. Currently, he is working with TTRG on nanoparticle-based targeting drug delivery for brain cancer treatment. "It's amazing to work in a multidisciplinary environment where all we get to learn from each other." Musavvir says. Outside of the lab, he enjoys exploring new places, playing sports, studying history, and cooking new dishes!





GRATEFUL PATIENT EXCLUSIVE!

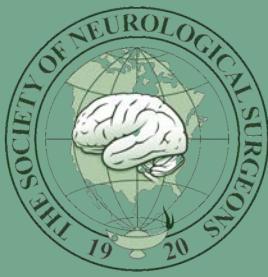
"The Baltimore VA Hospital Neurosurgery team are literal lifesavers, and this veteran will have life long gratitude for what they did for me!"

"This team saved my life!" A grateful patient, and veteran, proclaimed on June 6th after his stay at the Baltimore VA Hospital. "The Neuro team stayed in regular contact with me leading up to, and throughout my stay. **Nathan Han, MD, PGY-6**, visited me several times prior to my surgery...he was personable and took



the time to answer my questions and concerns much to my satisfaction. **Gary Schwartzbauer, MD, PhD** also visited me before surgery, and we had a pleasant conversation - it was simply a good introduction and experience." This patient also went on to acknowledge **Sylvia Ayers, NP**, who's genuine care and bedside manner was a great relief and comfort to him. The veteran concluded by saying, "the Baltimore VA Hospital Neurosurgery team are literal lifesavers, and this veteran will have life long gratitude for what they did for me! Their surgery largely fixed my back, but perhaps in a larger sense, the Hospital's attention to me brought me back from a very dark place. I cannot emphasize this enough! Previous to my Baltimore VA Hospital experience, I absolutely did not know if I would survive this ordeal." The veteran patient is now on the road to recovery, and is grateful for the care and attention of the Maryland Neurosurgery team!

RESIDENT NEWS



I'm thrilled to report that the Committee on Accreditation of Subspecialty Training (CAST) of the Society of Neurological Surgeons (SNS) has approved the University of Maryland Department of Neurosurgery for one fellowship position in neurosurgery of the spine per year. The approval of this fellowship speaks to the robust spine case volume and variety offered by our program. This is a valuable opportunity for our residents, as our PGY-7 residents can now receive CAST accreditation for a focused spine experience during their year of elective time. CAST fellowships are unique in that they are "enfolded," meaning that the fellowship experience is completed during

residency. Of note, this fellowship position is available exclusively to residents within our neurosurgery residency program, as the intention of the fellowship is to formally recognize the concentrated, high-quality training in spine that our residents often receive in our program. We look forward to expanding the available CAST fellowships over the next few years, thus building the recognition for specialized training experiences pursued by our residents. During AY23, we plan to apply for a CAST fellowship position in neuroendovascular surgery, and we continue to think long-term, considering the possible subspecialties of interest to our current and future resident cohort. —**Sophie White, Senior Academic Specialist**

The fellowship requirements can be accessed [here](#).





2022 RESIDENCY GRADUATION CELEBRATION!

On Friday, June 10th, the Department celebrated its 72nd cohort of residency graduates. Colleagues across the clinical, education, and research spheres of the Department came together as one Maryland Neurosurgery to revel in the triumphs of the concluding academic year and to eagerly anticipate the upcoming endeavors. We hope to carry the enthusiastic and collegial energy of this evening into the new academic year!





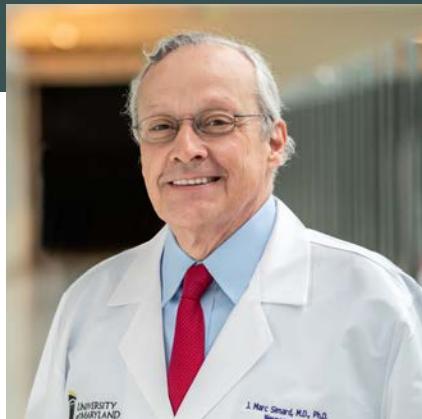
FACULTY HIGHLIGHTS

DR. SCHWARTZBAUER RECEIVES RFP CERTIFICATION IN NEUROCRITICAL CARE!

Dr. Gary Schwartzbauer passed the written exam as well as satisfied the requirements of the Neurocritical Care Certification Committee of the ABNS to receive Recognition of Focused Practice in Neurocritical Care. This is important not only for individual credentialing and standard of care, but also to support the ACGME application of the excellent University of Maryland Neurocritical Care Fellowship program that requires a NCC-certified neurosurgeon faculty advisor. Working as a team to leave it better than we found it! *Congratulations, Dr. Schwartzbauer!*



DR. SIMARD DOD GRANT TO BE HIGHLIGHTED AT CONGRESS!



Dr. Marc Simard DoD grant, study (SC170199) titled: "Drug-induced hypothermia plus glibenclamide for rapid, in-field treatment of SCI," will be highlighted in an annual report to Congress (as well as shared broadly with different agencies and publicly on their website)! *Amazing work, Dr. Simard!*

DR. EISENBERG SAILS IN THE BERMUDA RACE!

The 635-mile biennial Newport Bermuda Race is the oldest regularly scheduled ocean race, one of very few international distance races, and was sailed by none other than **Howard Eisenberg, MD** and his wife Doris! According to Dr. Eisenberg, "It was windy and bumpy," but they still managed to place 4th in their class out of 11 boats! As they say, smooth seas don't make skillful sailors! Read more about Dr. Eisenberg's experience on bermudarace.com.





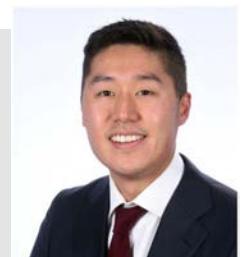
PUBLICATIONS & LECTURES

Khalid Kurtom, MD was the corresponding author to his newly published article: "Minimally Invasive Resection of a Thoracic Intradural Extramedullary Cyst: 2-Dimensional Operative Video." This article was published in *Operative Neurosurgery* and can be accessed [here](#).



Dr. Marc Simard published the article in *Cell Reports Medicine*, titled: "Hypoxanthine is a Pharmacodynamic marker of ischemic brain edema modified by glibenclamide." The full article can be accessed [here](#).

Senior corresponding author, **Dr. Marc Simard**, and co-author, **Kevin Kim, MD, PGY-1**, published the article titled: "A Direct Comparison of Physical Versus Dihydrocapsaicin-Induced Hypothermia in a Rat Model of Traumatic Spinal Cord Injury," published in *Therapeutics Hypothermia and Temperature Management*. This article can be accessed [here](#).



Dr. Gary Schwartzbauer was the senior corresponding author for the article, "Comparative Therapeutic Effectiveness of Anticoagulation and Conservative Management in Traumatic Cerebral Venous Sinus Thrombosis," published this month in *Retrospective Review*. Notable coauthors consist of Kevin Kim, Aaraon Wessell, Jeffrey Oliver, Jesse Stokum, Cara Lomangino, Maureen Scarboro, Bizhan Aarabi, and Timothy Chryssikos. Article can be accessed [here](#).

DR. BIZHAN AARABI LECTURESHIPS

Bizhan Aarabi, MD has been invited to speak on "The Role of Decompression in the Management of Spinal Cord Injury," at the National Neurotrauma Society Annual Conference in Atlanta, GA on June 29th. In addition, on September 5th, Dr. Aarabi has been invited to teach at the 2nd edition of the Comprehensive Fundamental Neurosurgery Review (CFN Review), which will be held in Jubail Industrial City, Saudi Arabia. *Good luck and safe travels, Dr. Aarabi!*



JUNE 2022

CALENDAR OF EVENTS & HOLIDAYS

EVENTS

Fri, June 10 7:00 PM - 11:00 PM	Graduation!
Mon, June 13 1:00 PM - 2:00 PM	Faculty Candidate Seminar: Dr. Di Ianni HSFIII & Zoom
Wed, June 22 1:00 PM - 2:00 PM	Journal Club: Cervical Spondylotic Myelopathy 12th Floor & Zoom

GRAND ROUNDS

Thu, June 2 7:30 AM - 8:30 AM	Davidge Hall Department Photo Shoot 12th Floor & Zoom
Thu, June 9 7:30 AM - 8:30 AM	PGY-7s: Greg Cannarsa and Tim Chryssikos 12th Floor & Zoom
Thu, June 16 7:30 AM - 8:30 AM	CANCELLED N/A
Thu, June 23 7:30 AM - 8:30 AM	M&M w/ Gary Schwartzbauer, MD, PhD 12th Floor & Zoom
Thu, June 30 7:30 AM - 8:30 AM	Shreyas Pachangula, PGY-1 12th Floor & Zoom

<i>June</i>						
M	T	W	TH	F	S	SU
			1	2	3	4
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			

Holidays

Black Lives Matter Month
Wednesday, June 1, 2022

Pride Month
Wednesday, June 1, 2022

Father's Day
Sunday, June 19, 2022

Juneteenth
Sunday, June 19, 2022



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.umd.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
MARYLAND NEUROSURGERY
NEWS PORTAL!](#)**



JUNE IS THE GATEWAY TO SUMMER!

