



IN THE LOUPES



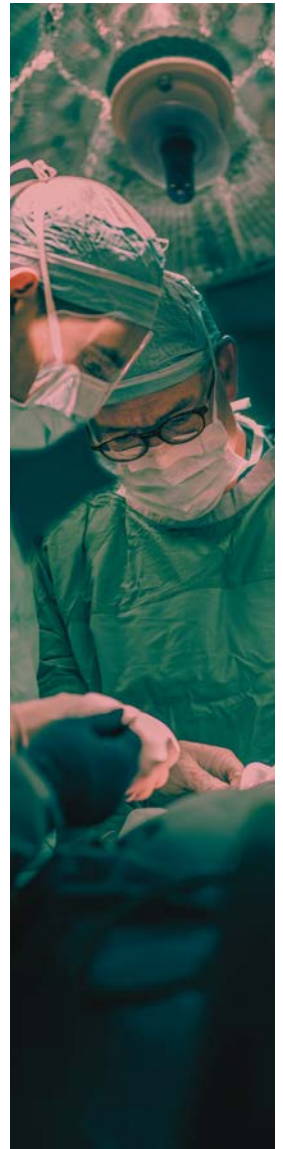
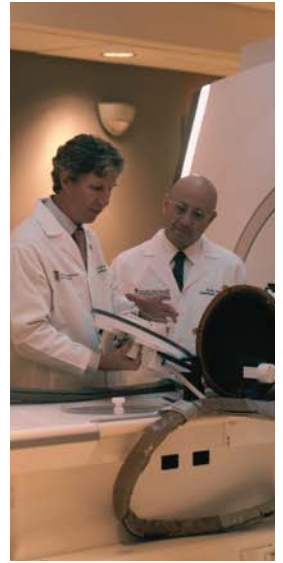
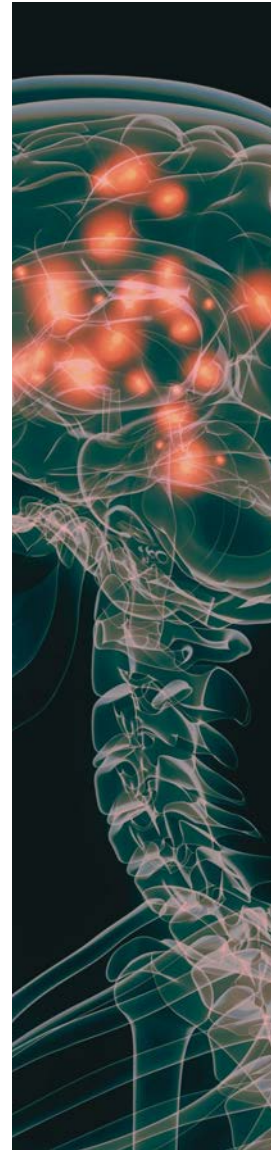
THE MARYLAND
NEUROSURGERY
NEWSLETTER

OCTOBER HIGHLIGHTS

- 01 Match 2023 Updates
- 02 Department Updates
- 04 Faculty Highlights
- 06 Conferences & Presentations

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@
som.umaryland.edu](mailto:Neurosurgery.Communications@som.umaryland.edu)





RESIDENCY INTERVIEWS BEGIN IN NOVEMBER

Interview Schedule

Details
TBA

THURSDAY, 11/17

7:00 PM Cocktail Hour & Dinner

FRIDAY, 11/18

8:45 AM Applicants Arrive
10:00 AM Interviews Begin
4:30 PM Interviews End

Interview Structure

In Person	12th Floor D Wing
3 Interview Days	~15 Applicants per Day
15 Minutes per Interview	Interviewing in Pairs

Important Dates

1	Interviews	Friday, November 18th Friday, January 6th Friday, January 13th
2	Rank Order List	Meeting: Tuesday, February 7th Deadline: Wednesday, March 1st
3	Match Day	Friday, March 17th

Reminder: Match Violations

Avoid questions about age,
race, family/children,
religion, sexual orientation

Do not ask about interview
locations or ranking
preferences

We cannot communicate
with applicants between
the Rank Order List
Deadline (March 1st) and
Match Week (March 17th).

Supplemental Application

New This Year

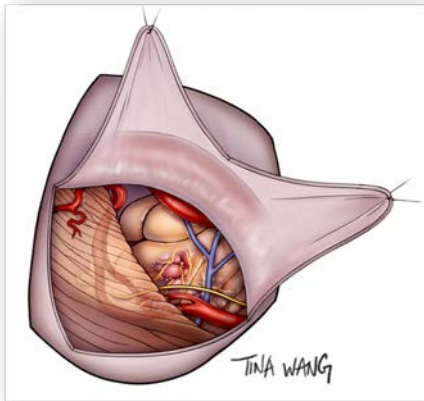
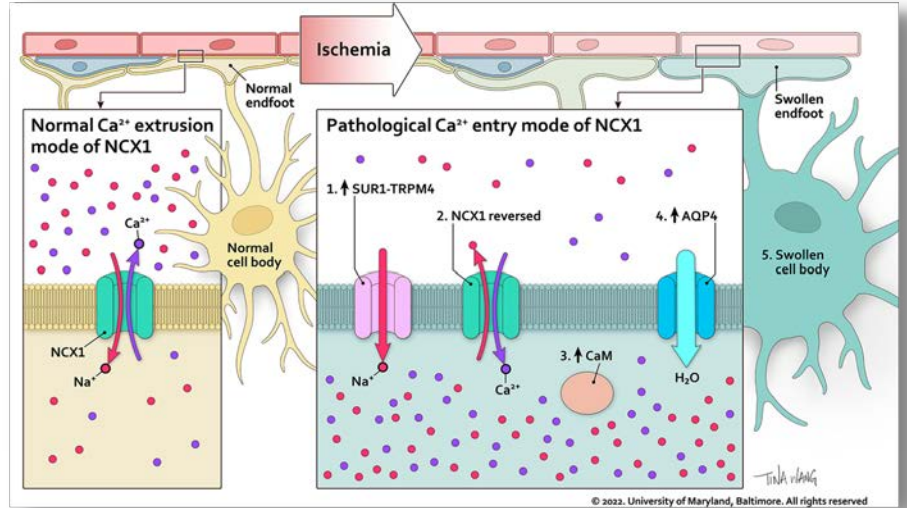
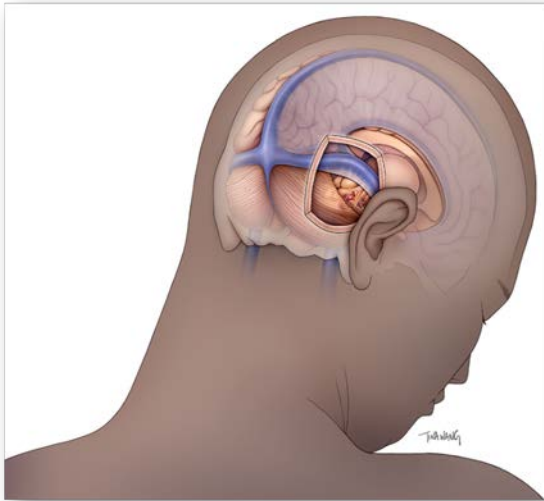
Optional to
Applicants

Preference Signaling	Applicants have 8 signals to send programs indicating preference
Geographic Preference	Division Preference - Up to 3 Divisions or No Preference - South Atlantic Division ◦ MD, DC, DE, VA, WV, NC, SC, GA, FL, PR Setting Preference - Urban, Rural, or No Preference
Past Experiences	Brief Narrative Description of 5 Experiences

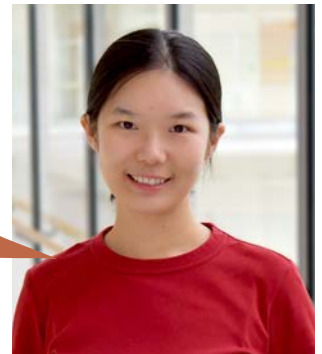


Sophie White, MPH
Academic Specialist

NEED MEDICAL ILLUSTRATIONS?



Hi! My name is **Tina Wang**, and I'm the department's Medical Illustrator. Here are just some of the illustrations I've done for the department so far. *Click on the images to view them in a higher resolution.* If you'd like a medical illustration done, please contact me at TIWang@som.umaryland.edu, and give me at least two weeks to complete per project! Thank you!



NEW TO THE DEPARTMENT

ANDREA O'CONNOR, NURSE PRACTITIONER

andrea.oconnor@som.umaryland.edu

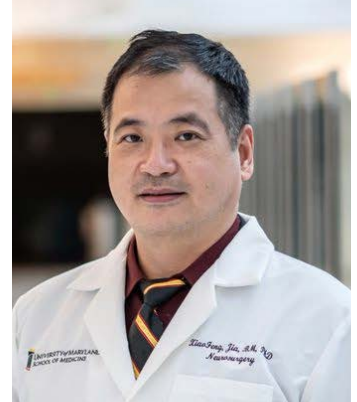
Andrea O'Connor, CRNP is our newest Nurse Practitioner to join the team, where she will be working with **Drs. Mohamed Labib** and **Jacob Cherian**! Andrea transferred from the Emergency Department in the hospital. She started her healthcare career as a clinical technician in the Emergency Room at Johns Hopkins Hospital in 2010. Growing up, Andrea knew she'd always wanted to help people and make a difference in their lives. Andrea is a local to Maryland, raised in Baltimore County, and now currently resides in Harford county with her husband, two awesome kids, Luke (6) and Arya (6 months), as well as a zoo of animals and a police K9. *Welcome to the team, Andrea!*



AWARDS & ACKNOWLEDGEMENTS

XIAOFENG JIA, PHD

Xiaofeng Jia, BM, PhD, FCCM was recently awarded a 5-year \$2M RO1 grant from the National Institute for Health (NIH) for “Improving Brain Recovery Through Glycoengineering”. Not only that, Dr. Jia also received the 2022 Society of Critical Care Medicine (SCCM) Star Research Achievement Award and Presidential Citation Award. SCCM is a large multidiscipline community with 16,000 members in more than 100 countries. *Congratulations, Dr. Jia on these amazing accomplishments!*



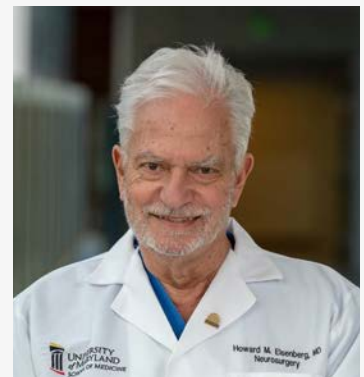
KEN CRANDALL, MD

On October 16th, **Ken Crandall, MD** was inducted as a Fellow of the American College of Surgeons (FACS). FACS is used as a post-nominal title, and is a professional certification for a medical professional who has passed a set of criteria for education, qualification, and ethics required to join the American College of Surgeons. *Congratulations, Dr. Crandall! Now, officially, Ken Crandall, MD, FACS!*

FACULTY HIGHLIGHTS

FEATURED IN JMORE MAGAZINE!

Drs. Howard Eisenberg, Graeme Woodworth, Paul S. Fishman, and Dheeraj Gandhi were featured in *JMORE Baltimore Jewish Living Magazine*, on October 17th, highlighting the use of MRI-guided focused ultrasound to open the blood-brain barrier to help speed delivery of chemotherapy to treat glioblastomas! Read the full article [here](#).

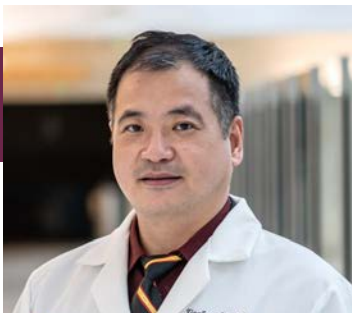


BALTIMORE MAGAZINE'S 2022 TOP DOCS!

Drs. Graeme Woodworth, Mohamed Labib, Charles Sansur, and Gary Schwartzbauer were featured in the November 2022 Issue of *Baltimore Magazine's* Top Doctors in Neurosurgery! Our department also wishes to acknowledge other department's additional top doctors: **Drs. Steven Ludwig** (Spine Surgery); **Gaurav Jindal** (Interventional Radiology); **Peter Crino, Jennifer Hopp** (Neurology-Epilepsy); **Bill Regine, Mark Mishra** (Radiation Oncology); and more!

[The full list can be accessed here.](#)

The results are based on *Baltimore Magazine's* annual survey of thousands of physicians in the Baltimore region, who were asked to name the best doctors in 116 specialties and subspecialties. The more than 600 doctors who received the highest number of recommendations from their peers are included. *Congratulations Top Doctors!!*



DR. JIA: NEW ASSOCIATE EDITOR!

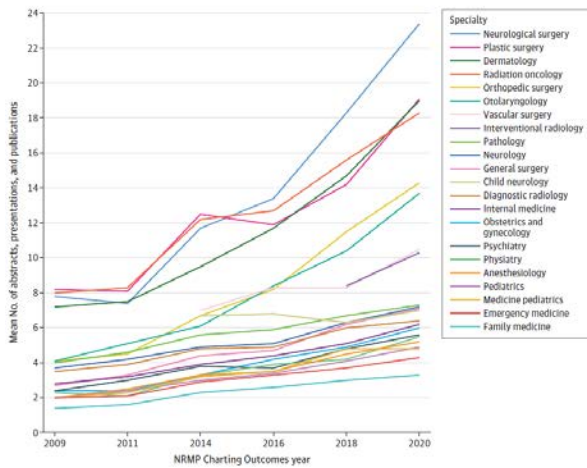
Xiaofeng Jia, BM, PhD, FCCM has recently been appointed as the Associate Editor for the Multiple Sclerosis and Neuroimmunology section of the *Frontiers in Immunology* Journal. *Congrats, Dr. Jia!*

DR. EISENBERG: FEATURED IN AARP ARTICLE

Howard Eisenberg, MD was featured in AARP's most recent article: "Focused Ultrasound May Bring Relief for Parkinson's," written by award-winning reporter Sari Harrar. The article illustrates the incredible progress of patients suffering from Parkinson's and Essential Tremor who received top-quality focused ultrasound treatments at UMMC. Check out the full article [here!](#)



Figure. Residency Applicant Research Items Among Matched US MD Seniors, 2009-2020



A rising trend from 2009 to 2020 in residency applicant self-reported abstracts, presentations, and publications by specialty among matched US MD senior applicants. NRMP indicates National Resident Matching Program.

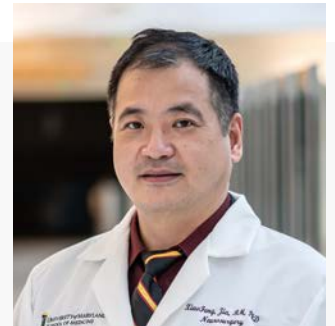
RESIDENT NEWS

In a new Viewpoint in JAMA Surgery, **Abdul-Kareem Ahmed, MD PGY-5** and former dean of Brown Medical School Eli Y. Adashi, MD MPP, explore the recent rise in residency applicant research output using NRMP data. This trend is especially notable in neurosurgery applicants, and they ask what is driving it, what is the quality of this research, how will this affect applicants as USMLE Step 1 and medical school grades become pass/fail, and what should we ideally seek in applicants. Read full article [here](#). *Click the graph to view in higher resolution.

PUBLICATIONS

Xiaofeng Jia, BM, PhD, FCCM was the corresponding author, along with first-author Brittany Bolduc Lachance, from Program in Trauma, Department of Neurology, were authors of "Are we still withdrawing too soon? – Predictors of late awakening after cardiac arrest" published in 2022 February issue in *Critical Care Medicine*.

Dr. Jia, as the corresponding author, along with co-authors **Xiang Xu, MD, PhD, Xijie Zhou, MD, MS, Xiao Liu, MS, MD, Liming Qing, MD, PhD**, postdoctoral fellows and **Jian Du, PhD** Research associate, all from the Department of Neurosurgery, were authors of "Macrophage activation in the dorsal root ganglion in rats developing autotomy after peripheral nerve injury" published in November 2021 in *Int J Mol Sci*. He was a co-author of "Sustained Released of Bioactive Mesenchymal Stromal Cell-Derived Extracellular Vesicles from 3D-Printed Gelatin Methacrylate Hydrogels" published in 2022 January issue in *J Biomed Mater Res A*, and a co-author of "Oxidation and RGD Modification Affect the Early Neural Differentiation of Murine Embryonic Stem Cells Cultured in Core-Shell Alginate Hydrogel Microcapsules" in *Cells Tissues Organs* in 2022.



Jeffrey Winkles, PhD, Graeme Woodworth, MD, FACS, and Eli Bar, PhD coauthored a research article titled: "DHODH inhibition impedes glioma stem cell proliferation, induces DNA damage, and prolongs survival in orthotopic glioblastoma xenografts" published on October 17th in *Oncogene Journal*.



CONFERENCES & PRESENTATIONS

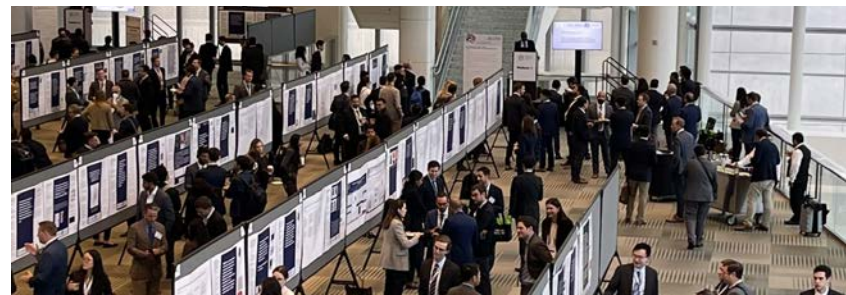


DR. WOODWORTH AND RESEARCH TEAM ATTEND 8TH INTERNATIONAL SYMPOSIUM ON FOCUSED ULTRASOUND

Graeme Woodworth, MD, FACS, as well as many of our research team members, including Paul Anastasiadis, PhD and Chixiang Chen, PhD, attended the 8th International Symposium on Focused Ultrasound October 23rd - October 27th. The symposium kicked off Sunday night with Dr. Woodworth receiving the Ferenc Jolesz Memorial Award, which then followed with the scientific sessions. It was a full house Tuesday once the brain tumor sessions commenced. Dr. Woodworth took part in the discussion as a panel member on glioblastoma.

MARYLAND NEUROSURGERY ATTENDS THE CNS ANNUAL MEETING IN CALIFORNIA!

There were many present at the CNS Annual Meeting held in San Francisco, California earlier this month, including faculty **Ken Crandall, MD, FACS** and **Bizhan Aarabi, MD**. Dr. Aarabi presented "Recent Advances in Spinal Cord Injury Surgery." Senior residents **Abdul-Kareem Ahmed, MD, PGY-5** and **Jeffrey Oliver, MD, PGY-7** also attended and presented. Jeff had two digital poster abstracts; one titled: "Middle meningeal artery embolization for non-traumatic post-neurosurgical subdural hematomas" and the other titled: "Impact of Early Global Cerebral Edema on Ventricular Drain Complications in Aneurysmal Subarachnoid Hemorrhage". Abdul presented on the goal of a recent trial, which consists of using focused ultrasound blood-brain barrier opening and fluorescein to demarcate a planned resection volume in infiltrating gliomas.





JON BREGEL MAKES ANOTHER GUEST APPEARANCE

Here are a just some of the amazing photos shot by [Jon Bregel](#), Baltimore-based filmmaker, filmmaking coach, and photographer, who visited the Medical Center back in August.



OCTOBER 2022

CALENDAR OF EVENTS & HOLIDAYS



OCTOBER GRAND ROUNDS

Thu, October 6 7:30 AM - 8:30 AM	Jacob Cherian, MD <i>"Intraoperative Ultrasound in Neurosurgery"</i>
Thu, October 13 7:30 AM - 8:30 AM	Tim Chryssikos, MD, PhD <i>"Minimally Invasive and Complex Spine Surgery"</i>
Thu, October 20 7:30 AM - 8:30 AM	Charles Matouk, MD <i>"Transcarotid Access for Neurointervention"</i>
Thu, October 27 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD <i>M&M</i>

NOVEMBER GRAND ROUNDS

Thu, November 3 7:30 AM - 8:30 AM	Steven Brem, MD
Thu, November 10 7:30 AM - 8:30 AM	Juanmarco Gutiérrez González
Thu, November 17 7:30 AM - 8:30 AM	Gary Schwartzbauer, MD, PhD
Thu, November 24 7:30 AM - 8:30 AM	THANKSGIVING - NO CONFERENCE

October

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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
31						

Holidays

World Spine Day
Sunday, October 16, 2022

National Medical Assistants Day
Wednesday, October 19, 2022

National First Responders Day
Friday, October 28, 2022



Happy Halloween!
Monday, October 31, 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.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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