



# 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

## 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).

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

## Supplemental Application

*New This Year*

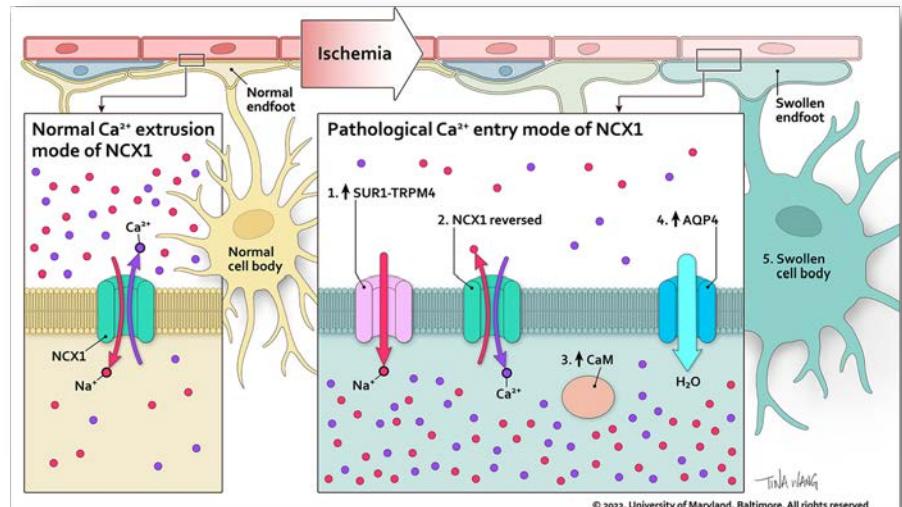
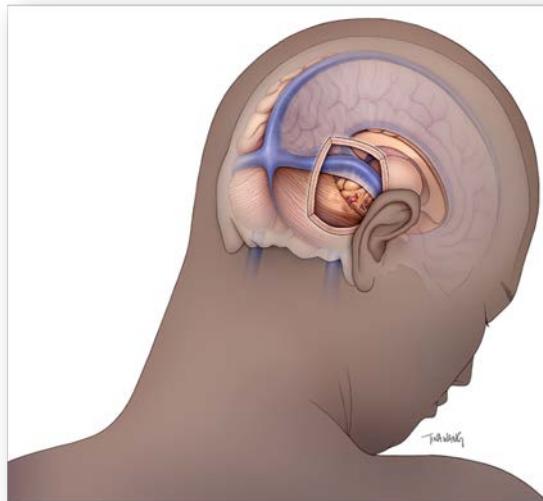
Optional to  
Applicants

<b>Preference Signaling</b>	Applicants have 8 signals to send programs indicating preference
<b>Geographic Preference</b>	<b>Division Preference</b> - Up to 3 Divisions or No Preference - South Atlantic Division <ul style="list-style-type: none"> <li>o MD, DC, DE, VA, WV, NC, SC, GA, FL, PR</li> </ul> <b>Setting Preference</b> - Urban, Rural, or No Preference
<b>Past Experiences</b>	Brief Narrative Description of 5 Experiences

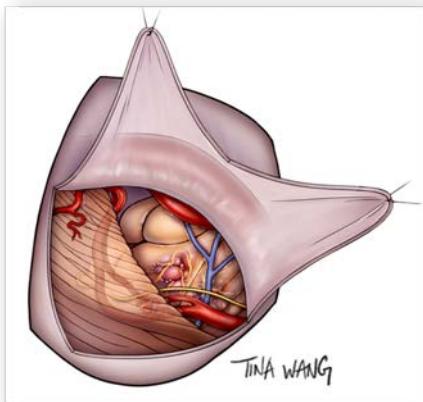




## NEED MEDICAL ILLUSTRATIONS?

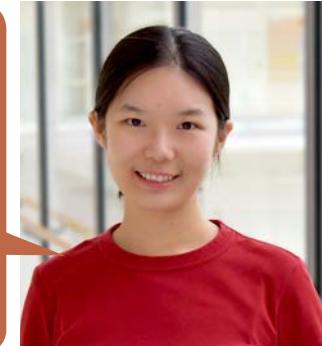


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Hi! My name is **Tina Wang**, and I'm the department's Medical Illustrator. Here are just some of the illustrations I've done for the department so far. *Click on the images to view them in a higher resolution.* If you'd like a medical illustration done, please contact me at [TiWang@som.umaryland.edu](mailto: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](mailto:andrea.oconnor@som.umaryland.edu)

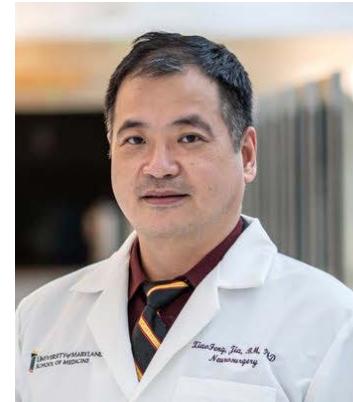
**Andrea O'Connor, CRNP** is our newest Nurse Practitioner to join the team, where she will be working with **Drs. Mohamed Labib** and **Jacob Cherian**! Andrea transferred from the Emergency Department in the hospital. She started her healthcare career as a clinical technician in the Emergency Room 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!*



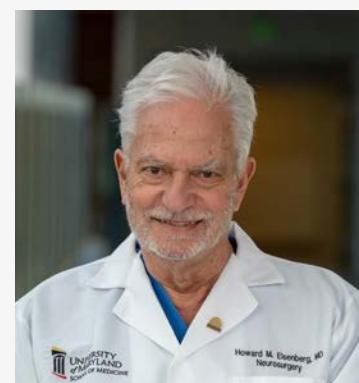
### KEN CRANDALL, MD

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!

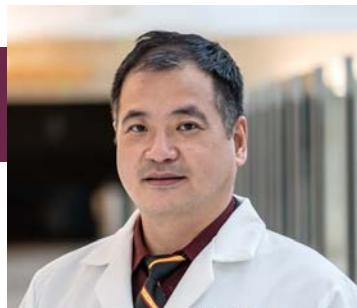
Drs. Graeme Woodworth, Mohamed Labib, Charles Sansur, and Gary Schwartzbauer were featured in the November 2022 Issue of *Baltimore Magazine's* Top Doctors in Neurosurgery! Our department also wishes to acknowledge other department's additional top doctors: Drs. Steven Ludwig (Spine Surgery); Gaurav 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!!*

Baltimore  
MAGAZINE

2022  
TOP  
DOCTOR



## 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!](#)

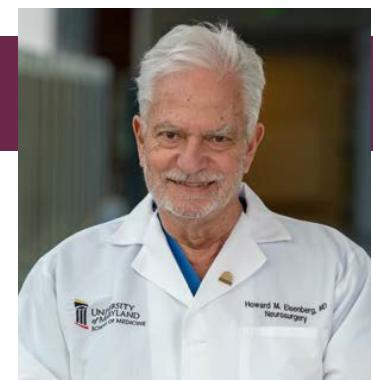
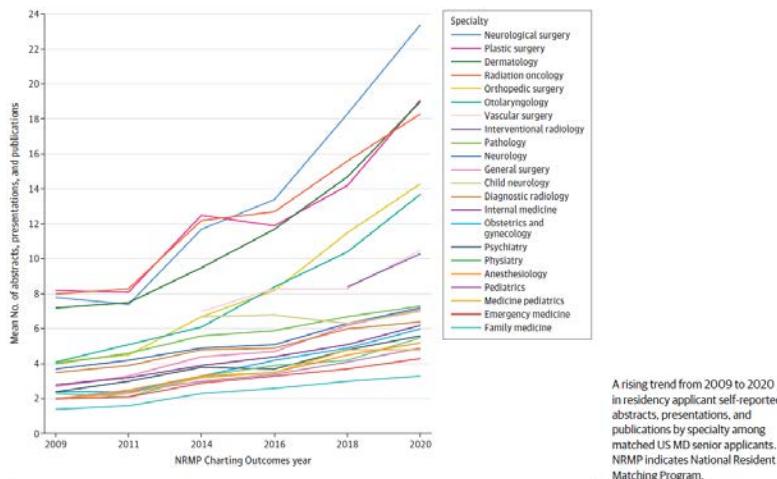




Figure. Residency Applicant Research Items Among Matched US MD Seniors, 2009-2020



## RESIDENT NEWS

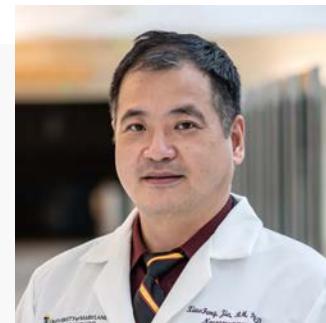
In a new Viewpoint in *JAMA Surgery*, **Abdul-Kareem Ahmed, MD PGY-5** and former dean of Brown Medical School Eli Y. Adashi, MD MPP, explore the recent rise in residency applicant research output using NRMP data. This trend is especially notable in neurosurgery applicants, and they ask what is driving 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

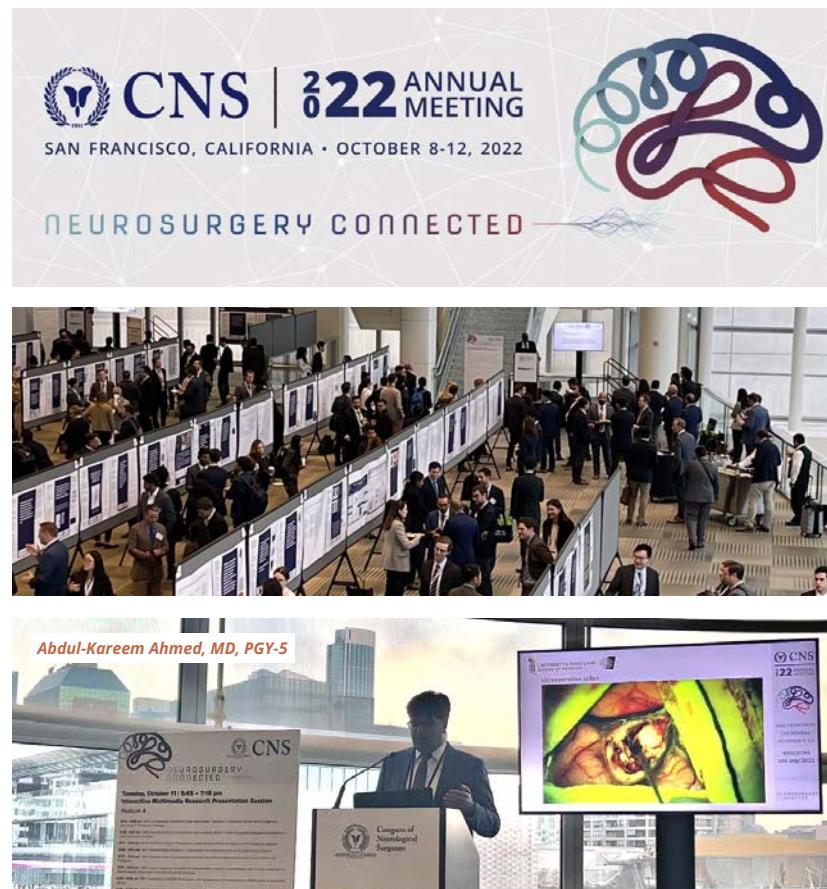


### DR. WOODWORTH AND RESEARCH TEAM ATTEND 8TH INTERNATIONAL SYMPOSIUM ON FOCUSED ULTRASOUND

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

October						
M	T	W	TH	F	S	SU
					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
31						

### 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

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](mailto: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  
MARYLAND NEUROSURGERY  
NEWS PORTAL!](#)**

