UMass Memorial Health

UMass Chan MEDICAL SCHOOL

Department of Neurological Surgery Newsletter

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Letter from the Department Chair

As we transition from summer to the fall of 2023, the department of Neurological Surgery has also gone through changes since our last newsletter. Despite navigating an ever-changing, post-pandemic environment, we have remained dedicated to our mission of training the next generation of neurosurgeon-scientists, educators, and leaders. As a result, both our clinical volume and research initiatives have continued to grow.

With growth comes new additions to the department to enhance and enrich the services we provide our community. We have welcomed a new cerebrovascular and skull base neurosurgeon, **Madhav Sukumaran, MD, PhD**. Dr. Sukumaran will be working with Dr. Peter Amenta to grow our current Cerebrovascular Neurosurgery program. We have also welcomed a new spine neurosurgeon, **Thomas Pieters, MD** as Co-Director of Spine and Director of Spine Oncology. Dr. Pieters and Dr. Stephen Gutting are actively enhancing our spine services within the community as members of the department and Center for Spine Health.

Rachael Sirianni, PhD has continued to further develop translational research interests while continuing to support the growth of our research infrastructure and development of research-focused educational opportunities. Since joining the department, Dr. Sirianni and her lab has doubled our research footprint and held our first all-inclusive, research and clinical, department research retreat.

Our residents have also been busy and have been recognized for several awards and publications. We are pleased to welcome our new PGY1 resident, **Hanya Qureshi, MD**. Hanya's arrival marks the milestone of our fifth resident to join the department. While much has and will change, we as a department are continuing to progress toward our goal of providing world class care to every patient!

Mark Johnson, MD, PhD
Maroun Semaan Professor in Neurological Surgery
Chair, Department of Neurological Surgery

In This Issue

Residents, Rrita Daci, MD, PGY-5 and William Lambert, MD, PGY- 2 in the operating room performing an acute subdural case.

Welcome Hanya Qureshi, MD, Neurological Surgery Intern Resident

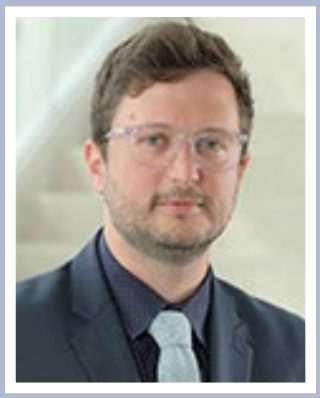
We are pleased to announce that Hanya Qureshi, MD, will be our next resident in the Department of Neurological Surgery at UMass Chan Medical School and UMass Memorial Health. As an undergraduate, Hanya attended both Cornell University (where she was a Pauline and Irving Harold Tanner Dean's Scholar and a Cornell Meinig Family National Scholar) and Columbia University (from which she earned a B.A. degree in neuroscience and behavior). She then matriculated at the Yale School of Medicine where she was Co-Founder of Yale Global Health SURGE as well as Founder and Co-Developer of the United Nations STEM Connect Program (a part of the United Nations Girls Education Initiative, UNICEF) where she worked to increase STEM participation by high school girls from traditionally underrepresented regions around the world, including Tanzania, Rawanda, Senegal and Cameroon. She also served as a student leader in the Yale School of Medicine Office of Diversity, Inclusion, Community Engagement, and Equity, and she worked at the Yale Institute for Global Health and the Bill and Melinda Gates Foundation Burial Ground Study in Pakistan. Hanya was also a Solomon Center for Health Law and Policy Fellow at Yale Law School, where she developed and published research-informed policy to advocate for traumatic brain injury patients. She completed her medical school thesis on genomic profiles, frailty, and outcomes in meningioma patients. Throughout college and medical school, Hanya participated in numerous research activities covering such topics as ophthalmological disorders, the genetics and epidemiology of meningioma, aneurysmal subarachnoid hemorrhage, brain injury, epilepsy, and the genetics of arachnoid cysts. She has already co-authored 20 - peer-reviewed publications, many in high impact journals such as Nature Medicine, Neurology, and the Journal of Neurosurgery. Hanya was an outstanding medical student at Yale, and was described as "bright and enthusiastic, with relentless energy and eagerness to learn", an "extraordinarily hardworking team player," with "outstanding clinical and surgical skills", "caring for patients with a remarkable level of independence and ingenuity." She is a published poet, pianist, photographer, avid hiker, and world traveler. Please join us in welcoming Hanya to our UMass Neurosurgery family.

An Intern Year of Residency at UMass Chan Medical School, Neurological Surgery

by William Lambert, MD, PGY-2

"Intern year is both a rewarding and humbling experience - you've earned the autonomy to apply the knowledge you've accumulated to care for patients, and you simultaneously appreciate how much more there is to learn. I am fortunate to find myself in a collaborative, multidisciplinary environment which allows me to care for my patients to the best of my abilities while also prioritizing teamwork and education. UMass Neurosurgery is my home for the next 6 years and I couldn't imagine a better place to hone my surgical skills."

(Left to right) **Mark Johnson, MD, PhD,** Chair of Neurological Surgery with **William Lambert, MD, PGY-2**.



Our New Attending, Thomas Pieters, MD

Thomas Pieters, MD is a fellowship trained spine surgeon and who joined the department as an Assistant Professor of Neurosurgery, Co-Director of Spine Surgery, and Director of Spinal Oncology. He specializes in complex spine surgery for tumors, trauma, and degenerative spine disease. He completed cranial tumor research fellowship training through a combination program at the University of Rochester, in Rochester, New York and the Royal Melbourne Hospital in Melbourne, Australia.

Dr. Pieters completed his undergraduate studies at Pennsylvania State University. He received his Doctor of Medicine at the University of Texas Health Science Center in Houston and there, was elected to the Alpha Omega Alpha honor society. His neurosurgery residency training was completed at the University of Rochester. He completed fellowship at Northwell Health in Long Island, New York.

Dr. Pieters clinical and research interests include the surgical and medical management of spine tumors and spine trauma. He has authored several publications in per-reviewed journals and book chapters on neurosurgery.

Dr. Pieters is a member of the American Association of Neurological Surgery, Congress of Neurological Surgeons, and the American Medical Association.

Our New Attending, Madhav Sukumaran, MD, PhD

Madhav Sukumaran, MD, PhD, Assistant Professor of Neurological Surgery, is a fellowship trained cerebrovascular neurosurgeon. Dr. Sukumaran cares for patients with a broad range of neurosurgical disease, including brain aneurysms, arteriovenous malformations, carotid stenosis, brain tumors including pituitary tumors, subdural hematomas, normal pressure hydrocephalus, idiopathic intracranial hypertension, and spinal pathologies. As a recipient of the Medical Scientist Training Program scholarship from the NIH, he completed his MD at the Icahn School of Medicine at Mt. Sinai and his PhD in Neuroscience and Biophysics at Cambridge University. Dr. Sukumaran then completed his neurological surgery residency at Northwestern University and his combined cerebrovascular and endovascular fellowship at Harvard Medical School and Brigham and Women's Hospital.

Dr. Sukumaran is committed to excellence in patient care, teaching the next generation of doctors and neurosurgeons, and expanding the field of neurosurgery through cutting-edge research to improve patient outcomes and drive neurosurgical innovation. He has authored several publications in peer-reviewed journals and book chapters on neurosurgery and neuroscience. Dr. Sukumaran is excited to join UMass's vibrant community and contribute to our shared mission of advancing health, leading and innovating in education and research, and serving the public.

2023-2024 American Association of Neurological Surgeons (AANS) UMass Student Chapter

The AANS UMass Student Chapter holds monthly journal clubs led by a faculty member to discuss articles with recent discoveries in the field. **Rrita Daci, MD, PGY-5, Brittany Owusu-Adjei, MD, PGY-4, Constance Mietus, MD, PhD, PGY-3 and William Lambert, MD, PGY-2, Hanya Qureshi, MD, PGY-1**, will serve as our resident advisors and be able to share their experiences as they advance during residency.

This Year's Elected Officers

- Presidents: **Chelsea Lim (MS4), Nathan Yingling (MS3) and Paramesh Karandikar (MS3)**
- Vice-presidents: **Danielle Li (MS3) and Christopher Zaro (MS3)**

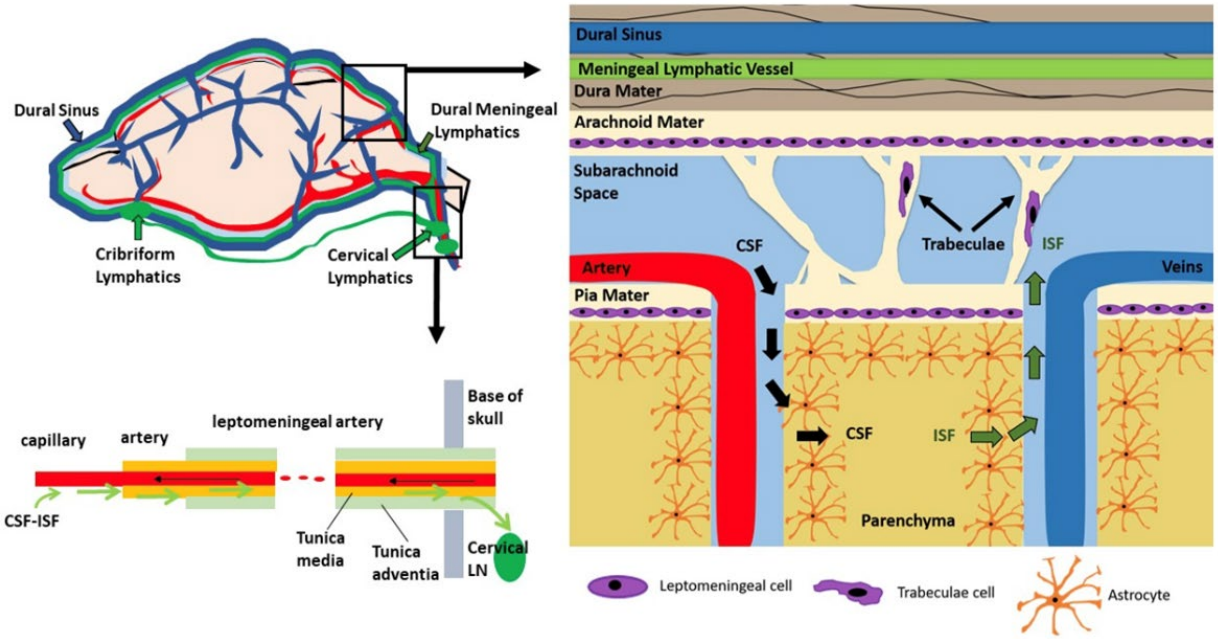
Rachael Sirianni, PhD
Professor of Neurological Surgery
Vice Chair of Research
https://www.siriannilab.com/research

Research at the Department of Neurological Surgery

Neurosurgery researchers are keeping busy! Dr. Rachael Sirianni is a Professor and Vice Chair for Research in our department. Through the support of 3 NIH R01 grants, her laboratory sees to design better drug delivery strategies for the treatment of central nervous system (CNS) disease. They are developing nanoparticle strategies that improve tolerability and site-specific delivery of chemotherapy (to treat brain tumors) or neuroprotective agents (to treat brain injuries) in preclinical models, and bringing some of these therapies forward into clinical trials. In addition to her work on designing better therapies, she is also developing new, cell-culture based systems that can be used to study the biology of how tumors metastasize, which may be particularly important for designing new therapeutic strategies.

Dr. Sirianni's oncology research is focused on medulloblastoma, which is a type of pediatric brain tumor that arises in the cerebellum at the back of the brain. In some instances, medulloblastoma tumors metastasize to the cerebrospinal fluid-filled subarachnoid space that surrounds the brain and spinal cord. This form of metastasis, known as leptomeningeal metastasis (LM), is very difficult to treat. In addition to cerebrospinal fluid, the subarachnoid space is also filled with small, collagen-rich fibers that are known as subarachnoid trabeculae (SAT, Figure 1). These SAT provide nutrient-rich microenvironments that promote the growth of metastatic cells and may allow them to escape conventional chemotherapy.

SAT, Figure 1

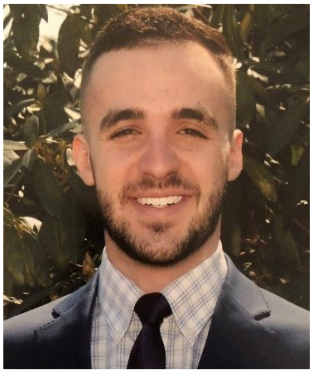


Relatively little is understood about the structure of SAT in different species and in different anatomical locations within the CNS. Members of Dr. Sirianni's research group, including research technicians Colin Riley, MS, and Olivia Mihalek, as well as doctoral candidate Kha Dam, are working with Neurosurgical resident Rrita Daci, Assistant Professor of Neurology Heather Grey-Edwards, DVM, PhD, and members of the Anatomical Gift Donations program at UMass to collect trabeculae samples from different species and donated human cadavers. They are then using this information to develop biomaterial models of trabeculae structure, which are then applied in cell culture to study the mechanisms by which patient-derived cancer cells use these fiber structures to metastasize and develop treatment resistance.

This aspect of Dr. Sirianni's research program is dedicated to understanding how the structure of these SAT influence the process of metastasis, driving movement of metastatic cells, as well as chemo- and radiation-resistance. Ultimately, these systems will be developed as a platform for drug screening, to identify new compounds that can prevent or treat LM. Identification of pharmacological strategies for treating LM could dramatically improve patient outcomes by reducing or eliminating the need for high dose craniospinal radiation, which otherwise can produce detrimental effects to the developing nervous system.

*This work was initially supported by funding from the Morgan Adams Foundation

Meet Our Neurological Surgery Research Staff

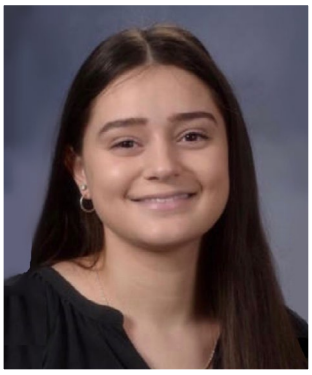


Colin Riley, MS
Lab Manager

Chung-Fan (Joseph) Kuo, PhD
Postdoctoral Fellow

Oluwatobi Babayemi, BS
PhD Candidate

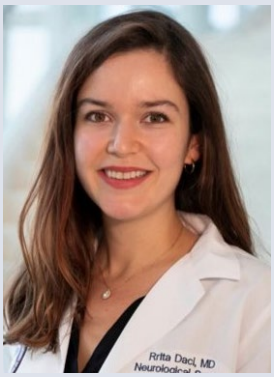
KhaUyen Dam, BS
PhD Candidate



Olivia Mihalek, BS
Research Associate

Not Shown:
Elena (Helen) Andreyko, PhD
Research Associate

Divya Sathya
Summer Intern



Congratulations, Rrita Daci, MD, PGY-5

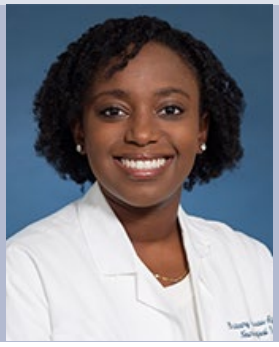
Dr. Daci's abstract, **Neuroimaging Analysis of Bilateral Thalamic Delivery for Gene Therapy** describing her work was recognized as the Pediatric Neurosurgery Best Basic Science Abstract by the joint AANS/CNS Section of Pediatric Neurological Surgery.

Dr. Daci was also awarded the Excellence in Research Award for Students and Fellows from the American Society of Gene-Cell Therapy in May 18, 2023.

Right photo. **Oguz I. Cataltepe, MD, FACS** with Best Basic Science Abstract winner **Rrita Daci, MD, PGY-5**.

Congratulations, Brittany Owusu-Adjei, PGY-4 for reaching 800 cases!

Our residents are in the OR from day one here at UMass Neurosurgery. From simple to complex cases, they are in the operating room learning daily. We are grateful to our dedicated faculty for teaching the residents.

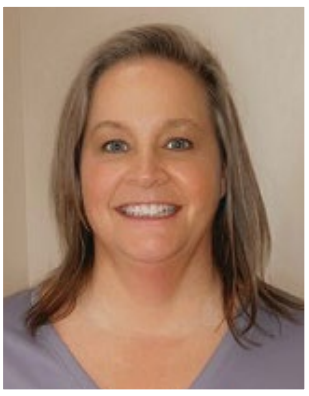


Welcome New Neurological Surgery Staff

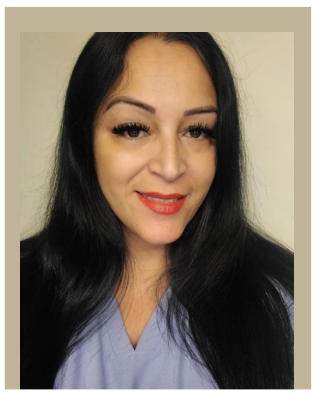
Joey Daher, NP
Advanced Practitioner

Sophie Nichols, PA
Advanced Practitioner

Julia Mann, PA
Advanced Practitioner



Shelly Noll
Administrative Staff



Tania Montanez, LPN
ACC Clinic LPN

New ACC Clinic Staff

Shannon Ricker, Clinic Manager

Erica White, Clinic Supervisor

Chelsey Quinones, MOA

Dinah Sereboo, MOA

Nancy Bryson, ASR

Introducing, Residency Program Coordinator, Ida Newman, MHL

Ida Newman, MHL, is the Residency Program Coordinator in the Neurosurgery Department. She graduated with her B.A degree in biology and minor in chemistry from the College of Charleston and later pursued Master's in Healthcare Leadership from Wake Forest School of Medicine. Her previous experience in healthcare includes pharmacy where she worked in the roles of the operations manager and certified lead pharmacy technician. After taking a break from her professional career she is excited to join UMass Chan Medical School and is eager to contribute her knowledge, enthusiasm, and work ethic towards the continuous growth and development of the neurological surgery residency program.

The Congress of Neurological Surgeons (CNS) Annual Meeting was held on September 9-13, 2023 in Washington DC. **Oguz Cataltepe, MD** and **Rrita Daci, MD**, PGY-5, Research Year, will be present.

Oguz Cataltepe, MD
Presenting: **Bilateral Intrathalamic Infusion of rAAVrh8-HEXA/HEXB in a Phase 1/2 Clinical Trial for Gene Therapy in Infantile and Juvenile Tay-Sachs and Sandhoff Disease; Surgical Technique.**

Dr. Cataltepe, Pediatric Neurosurgeon and Professor of Neurological Surgery, and Dr. Flotte, the study PI and the Celia and Isaac Haidak Professor, provost and executive deputy chancellor of UMass Chan Medical School and dean of the T.H. Chan School of Medicine, are paving the way for gene therapy for Tay-Sachs and Sandhoff Disease. These diseases are both monogenic and fatal neurodegenerative diseases due to Hexosaminidase A (HEXA) or B (HEXB) deficiency, that affect children. Dr. Cataltepe developed the technique that we currently use today in our Phase 1/2 Clinical Trial for Gene Therapy in Infantile and Juvenile Tay-Sachs and Sandhoff Disease. In this abstract presentation, Dr. Cataltepe described his surgical technique to the neurosurgical community in Washington D.C at the Congress of Neurological Surgery meeting this year.

Rrita Daci, MD, Research Year PGY-5
Presenting: **Neuroimaging Analysis of Bilateral Thalamic Delivery for Gene Therapy**

Rrita Daci, MD, a PGY5 neurosurgery resident at UMass Chan Medical School and Umass Memorial Health, has worked closely with Dr. Oguz Cataltepe, MD (Director of Pediatric Neurosurgery), Miguel Sena-Esteves, PhD D (translational scientist and a key developer of the viral therapy), and Terence Flotte, MD (Provost of UMass Chan Medical School and principal investigator of the Tay-Sachs gene therapy trial) on the bilateral thalamic gene delivery trial for Tay-Sachs/Sandhoff Disease since she was an intern. It was this clinical trial that spurred Dr. Daci's interest in gene therapy, and she is currently one of the first Gene Therapy fellows at UMass Chan Medical School. Dr. Daci has been intimately involved throughout the entire trial, following and managing all of the patients closely on the neurosurgical service and in the pediatric clinic. The Chair of the Department of Neurological Surgery, Dr. Mark Johnson, states that "Rrita has done an excellent job caring for these patients on our service. Her surgical skills, compassion for patients and their families, and her clinical and laboratory research in this area have simply been outstanding." Dr. Daci has analyzed the neuroimaging MRI data from patients who received intra-thalamic delivery of adeno-associated virus for the treatment of Tay-Sachs/Sandhoff Disease, and she will present her results at the Congress of Neurological Surgeons Meeting in Washington D.C. later this year. The abstract describing her work was recognized as the Pediatric Neurosurgery Best Basic Science Abstract by the joint AANS/CNS Section of Pediatric Neurological Surgery.

Promoting Change and Opportunity at UMass Chan

The 2023 UMass Chan Medical School Educational Recognition Awards ceremony on Wednesday, May 3, honored achievements by faculty of the Tan Chingfen Graduate School of Nursing, Morningside Graduate School of Biomedical Sciences and T.H. Chan School of Medicine.

Mark Johnson, MD, PhD, the Maroun Semaan Chair in Neurosurgery, chair and professor of neurological surgery and senior vice provost for mentorship, leadership and transformation at UMass Chan, was named recipient of the Chancellor's Award for Excellence in Mentoring.

(Right) Mark Johnson, MD, PhD, received the 2023 Chancellor's Award for Excellence in Mentoring, presented by Chancellor Michael F. Collins, MD.

The UMass Chan Medical School, Department of Neurological Surgery, Annual Research Symposium May 12, 2023

Keynote Address by **Bradley Bernstein, MD, PhD**
Chair, Cancer Biology, the Dana-Farber Cancer Institute
Director, Gene Regulation Observatory, the Broad Institute Professor, Cell Biology and Pathology, Harvard Medical School Bradley Bernstein, MD, PhD

The Bernard Stone Lectureship: Modeling Epigenetic Lesions That Cause Tumors

Dr. Bernstein is one of the world's foremost experts in understanding chromatin state epigenetic modifications and cancer. His research program focuses on how gene activity is controlled by noncoding regulatory elements such as 'enhancers', and how genes are packaged into chromatin. His discovery of 'bivalent domains', a signature chromatin state consisting of opposing histone modifications that poise master genes for alternate fates, was a key early demonstration of the impact of chromatin on mammalian development. Bernstein's subsequent work revealed that the vast 'noncoding' portions of the human genome are in fact packed with sequence elements that control gene activity. Bernstein also showed that DNA methylation can activate oncogenes by disrupting genomic insulators, thereby sustaining potent oncogenic signaling in the absence of canonical mutations. His group has also uncovered numerous epigenetic mechanisms that underlie tumor cell self-renewal, drug tolerance and immune evasion.
Featured below left to right: Dr. Sirianni, Dr. Bernstein, Dr. Johnson

Dr. Sirianni, Dr. McGillicuddy, Dr. Johnson

Dr. Sirianni, Dr. Meitus, Dr. Johnson

Dr. Johnson, Tobi Oluwatobi, Dr. Sirianni

Bethany Berry

Department of Neurological Surgery, Annual Resident Retreat

Chatham and Martha's Vineyard

RESIDENT RETREAT 2023

Every year Mark Johnson, MD, PhD, Chair and Program Director of Neurological Surgery, takes the Neurosurgery Residents and the Research Lab on a very fun and active trip. Pictures below are from Cape Cod and Martha's Vineyard, August 2023.

Fishing trip – Cape Cod, August 2023

Neurosurgery Residents (left to right) William Lambert PGY-2, Rrita Daci PGY-5, Brittany Owusu – Adjei PGY-4, Constance Mietus,PGY-3, and Hanya Qureshi PGY-1

Martha's Vineyard, August 2023

Faculty Publications 2022-2023

Mark D. Johnson, MD, PhD

-Awards

Sontag Foundation Distinguished Scientist Alumni Award (PI) - Genomics of Meningioma (2023-2024)

Chancellor's Award for Mentoring, UMass Chan Medical School (2023)

Outstanding Clinical Educator Award (2021, 2023)

Chair of the Members Committee for The Society of Neurological Surgeons (2022-2023)

-Publications

Daci R and **Johnson MD**, Genetics of idiopathic normal pressure hydrocephalus. In: Youmans and Winn Neurological Surgery, 8th ed., 321.E1-321.E6 (2023)

Millette NC, Gast RJ, Luo JY, Moeller HV, Stamieszkin K, Andersen KH, Brownlee EF, Cohen NR, Duhamel S, Dutkiewicz S, Glibert PM, **Johnson MD**, Leles SG, Maloney AE, Mcmanus GB, Poulton N, Princiotta SD, Sanders RW, Wilken S. Mixoplankton and mixotrophy: future research priorities. J Plankton Res. 2023 Jun 9;45(4):576-596.

Peter S. Amenta, MD, FAANS, FACS

-Publications

Owusu-Adjei B, Mietus C, Lim J, Lambert W, Daci R, Cachia D, Smith T, **Amenta PS**. Diffusely invasive supratentorial rosette-forming glioneuronal tumor. Journal of Neurosurgery: Case Lessons. 2023. In press.

Scullen T, Milburn J, Mathkour M, **Amenta PS**. Endovascular mechanical thrombectomy for right hemispheric stroke syndrome due to acute left A1-A2 junction thromboembolic occlusion. Ochsner Journal. 2023 Summer. In press.

International Tuberculum Sellae Meningioma Study: Preoperative Grading Scale to Predict Outcomes and Propensity Matched Outcomes by Endonasal vs Transcranial Approach. Stephen T. Magill, Theodore H. Schwartz, William T. Couldwell , Paul A. Gardner, Carl B. Heilman, Chandranath Sen, Ryojo Akagami, Paolo Cappabianca, Daniel M. Prevedello, Michael W. McDermott, on behalf of the International Tuberculum Sellae Meningioma Study Authors. Neurosurgery. 2023 Jul 7.

International Tuberculum Sellae Meningioma Study: Surgical Outcomes and Management Trends. Stephen T. Magill, Theodore H. Schwartz,William T. Couldwell, Paul A. Gardner, Carl B. Heilman, Chandranath Sen, Ryojo Akagami, Paolo Cappabianca, Daniel M. Prevedello, Michael W. McDermott, on behalf of the International Tuberculum Sellae Meningioma Study Authors. Neurosurgery. 2023 June 30.

Farid Hamzei-Sichani, MD, PhD

-New Grant Award

Project Number: 1P50DC019900-02 09/2022 – 08/2026
Name of PD/PI: Kristina Simonyan, MD, PhD (Role of **Hamzei-Sichani, MD**: UMMS Site PI)
Next-generation clinical phenotyping and pathophysiology of laryngeal dystonia and voice tremor; Deep Brain Stimulation in Laryngeal Dystonia and Voice Tremor.

Thomas Pieters, MD

-Publications

Lo SL, **Pieters TA**, Hersh AM, Green R, Suk I, Pennington Z, Elsamadicy AA, Sciubba DM. Novel Standalone Motion-Sparing Pelvic Fixation Prevents Short-Term Insufficiency Fractures After Midsacrectomies Without Sacrificing Normal, Mobile Lumbar Segments Traditionally Used for Stabilization. Oper Neurosurg (Hagerstown). 2023 Sep 1;25(3):278-284.

Santangelo G, **Pieters TA,** Jalal MI, Rahmani R, Silberstein HJ, Stone JJ. Treatment of hydrocephalus in an ovine model with an intraparenchymal stent. J Neurosurg Pediatr. 2023 Jun 30:1-10.

George DD, Houk C**, Pieters TA,** Towner JE, Stone JJ. Meningitis due to intra-abdominal cerebrospinal fluid fistula following gunshot wound successfully treated with antibiotics and blood patch: A case report and literature review. Surg Neurol Int. 2022 Jul 15;13:308.

Resident Publications 2022-2023

Rrita Daci, MD

Daci R and Johnson MD. Genetics of idiopathic normal pressure hydrocephalus. In: Youmans and Winn Neurological Surgery, 8th ed., 321.E1-321.E6 (2023)

Owusu-Adjei B, Mietus C, Lim J, Lambert W, **Daci R**, Cachia D, Smith T, Amenta PS. Diffusely invasive supratentorial rosette-forming glioneuronal tumor. Journal of Neurosurgery: Case Lessons. 2023. In press.

Brittany Owusu - Adjei, MD

Siddiqui AH, Monteiro A, Hanel RA, Kan P, Mohanty A, Cortez GM, Rabinovich M, Matouk C, Sujijantarat N, Romero C, Stone J, Ebersole K, Fry L, Natarajan SK, **Owusu-Adjei B**, Ortega-Gutierrez S, Vivanco-Suarez J, Wakhloo AK, Levy EI. Triple therapy versus dual-antiplatelet therapy for dolichoectatic vertebrobasilar fusiform aneurysms treated with flow diverters. J Neurointerv Surg. 2023 Jul;15(7):655-663. doi: 10.1136/jnis-2022-019151. Epub 2022 Sep 7. PMID: 36190965.

Owusu-Adjei B, Mietus C, Lim J, Lambert W, Daci R, Cachia D, Smith T, Amenta PS. Diffusely invasive supratentorial rosette-forming glioneuronal tumor. Journal of Neurosurgery: Case Lessons. 2023. In press.

Constance Mietus, MD

Harris JP, **Mietus CJ**, Browne KD, Wofford KL, Keating CE, Brown DP, Johnson BN, Wolf JA, Smith DH, Cohen AS, Duda JE, Cullen DK. Neuronal somatic plasmalemmal permeability and dendritic beading caused by head rotational traumatic brain injury in pigs-An exploratory study. Front Cell Neurosci. 2023 Jul 13;17:1055455. doi: 10.3389/fncel.2023.1055455. PMID: 37519631; PMCID: PMC10381956.

Owusu-Adjei B, **Mietus C**, Lim J, Lambert W, Daci R, Cachia D, Smith T, Amenta PS. Diffusely invasive supratentorial rosette-forming glioneuronal tumor. Journal of Neurosurgery: Case Lessons. 2023. In press.

William Lambert, MD

Leclair NK, **Lambert W**, Knopf J, Roche K, Gillan E, Gell J, Lau C, Wrubel G, Martin JE, Bookland MJ, Hersh DS. Early Experience with Targeted Therapy as a First Line Treatment for Pediatric Low-Grade Glioma. Neurosurg Focus. 2022 Dec;53(6):E15. doi: 10.3171/2022.9.FOCUS22410. PMID: 36455272.

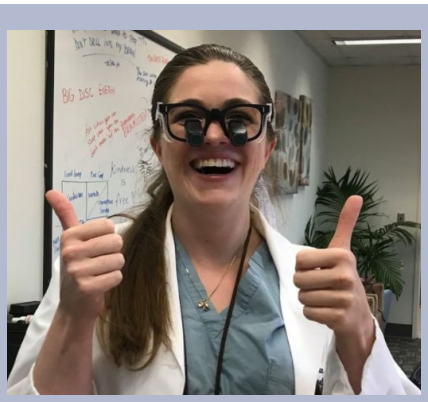
Leclair NK, Chern J, Ahn ES, Chamis M, Paro MR, **Lambert WA**, Stoltz P, Hersh DS, Martin JE, Bookland MJ. Clinical metrics and tools for provider assessment and tracking of trigonocephaly. J Neurosurg Pediatr. 2023 Apr 7:1-9. doi: 10.3171/2023.2.PEDS22511. Epub ahead of print. PMID: 37029682.

Owusu-Adjei B, Mietus C, Lim J, **Lambert W**, Daci R, Cachia D, Smith T, Amenta PS. Diffusely invasive supratentorial rosette-forming glioneuronal tumor. Journal of Neurosurgery: Case Lessons. 2023. In press.

Accepted for Publication:

Anderson MG, **Lambert WA**, Leclair NK, Athar D, Martin JE, Bookland MJ, Hersh DS. Telemedicine utilization in an outpatient pediatric neurosurgical clinic: a prospective survey of patient and family preferences. World Neurosurgery

Romano R, Dean J, Bageac DV, Galske J, Anderson T, Kadian S, Modi Y, Paro MR, **Lambert WA**, Leclair NK, Hersh DS, Bulsara KR. Recruitment into academic neurosurgery using a model for successful cross-campus research collaboration: a pre-medical student survey. World Neurosurgery 37519631



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Department of
Neurological Surgery Newsletter
SUMMER · 2022

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