

Anthony M DiGiorgio, DO, MHA, FAANS

Assistant Professor

Department of Neurological Surgery
University of California, San Francisco

Professional Summary

Dr. DiGiorgio stands at the forefront of neurosurgery and health policy, bridging the gap between advanced medical practice and impactful healthcare policies. As a practicing neurosurgeon at the University of California, San Francisco, and a key member of the Philip R. Lee Institute for Health Policy Studies, he brings a unique perspective to the table. His affiliation with the Mercatus Center at George Mason University further amplifies his influence in healthcare policy circles.

His journey began at Charity Hospital in New Orleans, a cornerstone in safety-net healthcare, shaping his understanding of healthcare disparities. Today, he continues this mission at Zuckerberg San Francisco General Hospital and Trauma Center, a vital institution for underrepresented communities.

Dr. DiGiorgio's academic credentials, including a Master's in Health Administration and a healthcare policy fellowship in the U.S. Senate, equip him with a deep understanding of the healthcare system. His clinical fellowships in neurotrauma and spine surgery enable him to offer exceptional care to a diverse range of patients, underscoring his commitment to equality in healthcare access.

His work extends beyond the operating room into the realm of policy and advocacy, focusing on those often overlooked in healthcare discussions. His numerous peer-reviewed publications explore the critical intersection of neurosurgical practices, healthcare policy, and patient advocacy, highlighting his dedication to improving healthcare systems, especially for vulnerable populations.

As a licensed and board-certified neurosurgeon in California, Dr. DiGiorgio is not just a medical expert but a visionary in healthcare policy, committed to creating a more equitable and effective healthcare system for all.

Professional Experience

4/11/23 – present

Senior Affiliated Scholar, The Mercatus Center at George Mason University

- Funded policy researcher, specifically examining Medicaid access to surgical subspecialty care
- Examining differences in access to care between Medicaid Managed Care and Fee for Service models
- Authored six op-eds
- Completed a policy brief on accessing post-acute care in California published by Mercatus

6/30/22 – present

Affiliated Faculty, Philip R Lee Institute for Health Policy Studies, University of California, San Francisco

- Only neurosurgeon and one of nine surgeons affiliated with IHPS out of approximately 180 faculty

- Member of the planning committee for the health services research symposium from 2021 to the present
- Panelist and moderator at the health services research symposium each year
- Part-time moderator for works in progress seminars, 2-3 per year
- Collaborated on Medicaid & 340B health services research. Ongoing projects with Renee Hsia and Anil Makam comparing outcomes in Medicaid FFS versus Managed Care; analysis of California 340B and how it affects hospital finances with Joanne Spetz and Yingning Wang; analysis on traumatic brain injury transfers with Renee Hsia, Sayeh Nikpay and Michael Ward (University of Minnesota).

5/20/21 – present

Lead Unaffiliated Neurotrauma Consultant, San Francisco 49ers, National Football League

- Provide on-field consultations for in-game concussions during home games
- Was promoted to team lead prior to the 2022-2023 season
- Organize contract, med-mal coverage and schedule for neuroconsultant group covering San Francisco 49er home games, managing six other neurotrauma specialists
- Schedule includes at least 1 pre-season game, 8 home games and any additional playoff games with 3 neurotrauma consultants needed for each game (4 in the playoffs).
- Includes six league wide meetings per year for team leads with NFL operations (one in person, the remainder remote).
- Participation in annual Emergency Action Plan (EAP) training with the 49ers staff, including management of on-field cardiac arrest and emergency transportation.

5/6/22 – present

Director of Spinal Neurotrauma, Zuckerberg San Francisco Hospital and Trauma Center

- Update and revise protocols for treatment of spinal cord injury patients at ZSFG
- Evaluate every spinal cord injury patient (20-30 per year) for eligibility in research studies, adherence to clinical practice guidelines and weekly quality improvement meetings.
- Coordinate multidisciplinary approaches to SCI care
- Clinical PI of the Transforming Clinical Knowledge in Spinal Cord Injury (TRACK-SCI) study, funded by the Department of Defense, Neilson Foundation and Wings for Life. >200 patients enrolled over six clinical sites. This also includes weekly clinical research coordinator meetings, bi-weekly research meetings and bi-weekly data science meetings.

7/1/20 – present

Assistant Professor, Neurological Surgery, UCSF

- Provide clinical services at four UCSF affiliated hospitals and six clinics. Average 150-250 surgeries per year and over 500 each of inpatient consults and clinic patients annually.
- Clinical neurosurgery call coverage at two UCSF affiliated hospitals for 13 weeks a year at San Francisco General

Hospital (level 1 trauma) and 5 days a month at Marin General Hospital (level 3 trauma).

- Research focuses on traumatic brain injury, spinal cord injury, health services research and policy analysis
 - Site PI for INDICT trial, pre-enrollment phase
 - Site PI for IN-TWIN trial, pre-enrollment phase
 - TBI and SCI research teams comprised of two clinical fellows, 2-3 residents, 4 clinical research coordinators and 4-5 medical students
 - Policy research teams comprised of one resident and 2-3 medical students
- Teaching activities include case conferences (4 per year), structured resident lectures (4-5 per year), medical student lectures (6-8 per year) and small-group teaching sessions (monthly)
- Member of the Resident Education Committee, meetings once a month
- Admissions interviewer for UCSF School of Medicine, interviewing 4-6 candidates annually

7/1/19 – 6/30/20

Fellow in Neurotrauma and Neurocritical Care, University of California, San Francisco

- CAST accredited fellowship in neurotrauma and neurocritical care
- Primary site out of Zuckerberg San Francisco General Hospital and Trauma Center, with part-time clinical instructor duties

7/1/12 – 6/30/19

Resident in Neurological Surgery Louisiana State University Health Sciences Center

- 7-year residency with rotations at University Hospital of New Orleans, Interim LSU Hospital, Children's Hospital of New Orleans, West Jefferson Medical Center and Methodist Hospital Houston
- Over 1600 surgeries performed, including proficiency in minimally invasive spine surgery, spine trauma care, cranial trauma care, neuroendovascular care, neuro-oncological surgery and peripheral nerve surgery
- Elected president of the LSUHSC House Staff Association in 2018-2019
- Nominated three separate times for annual medical student teaching award by the Asculapean society (won once)

Feb – March 2019

Healthcare Policy Fellow, Office of Senator Bill Cassidy (R), LA, Washington, DC

- Reviewed policy proposals around drug pricing, healthcare financing and increasing access/quality in obstetrical care in Louisiana

1/1/17 – 6/30/17

Research Fellow in Minimally Invasive and Complex Spine Surgery, UCSF

- Fellowship with Dr. Praveen Mummaneni, MD, MBA
- Published 8 peer-reviewed manuscripts, 5 textbook chapters and 4 opinion pieces

- 2004 – 2008
- Involved in data collection and curation for National Neurosurgery Quality Outcomes Database
Intraoperative Neurophysiologist, Active Diagnostics, Inc, Davis, CA
 - Provided intraoperative neurophysiologic monitoring for high-risk spine and cranial surgeries
 - Developed protocols for monitoring high-risk neurovascular surgery

Education

- 2017 M.H.A Louisiana State University, Shreveport, LA
2012 D.O. Touro University College of Osteopathic Medicine, Vallejo, CA
2004 B.A. University of California, Santa Barbara, CA

Postgraduate Training and Fellowships

- 2019-2020 Fellowship in Neurotrauma and Neurocritical Care, University of California, San Francisco, CA
2012-2019 Residency in Neurological Surgery, Louisiana State University Health Sciences Center, New Orleans, LA
2017 Research Fellowship in Minimally Invasive and Complex Spine Surgery, University of California, San Francisco, CA

Medical Licensure

- 2022 – present Diplomate of the American Board of Neurological Surgeons
2019 – present State of California License #20A16854 - Active
2019 – present California CDS license
2012 – present DEA license

Committees, Professional Memberships and Activities

- 2024 – present International Society for the Advancement of Spine Surgery
 - AMA Delegate
- 2022 – present Neurosurgery Political Action Committee
 - At-Large Board Member
- 2021 – present AO Spine Spinal Cord Injury Knowledge Forum
 - Associate Member
- 2021 – present AANS/CNS Section on Neurotrauma & Critical Care
2021 – present AANS/CNS Section on Disorders of Spine & Peripheral Nerve
2021 – present San Francisco Marin Medical Society
 - Alternate delegate to the California Medical Association
- 2021 – present California Medical Association
 - Young physicians committee
- 2021 – present Council of State Neurosurgical Societies
 - Chair of the Public Relations Committee
 - Vice-Chair Coding & Reimbursement Committee
- 2021 – present San Francisco Neurological Society
2021 – present California Association of Neurological Surgeons
 - Director for Northern California
 - Delegate to the CSNS
- 2012 – present American Association of Neurological Surgeons - Fellow (460397)

2012 – present Congress of Neurological Surgeons – Associate (71042)
• Annual Meeting Scientific Program Committee
2012 – present American College of Surgeons – Associate (3270571)
2010 – present Sigma Sigma Phi – Osteopathic Honor Society member

Honors and Awards

2023 UCSF IHPS – Emerging Scholars Program. Selected as 1 of 2 (from >20 applicants) for the exchange program on health policy
2022 UCSF – Inquiry recognition for outstanding mentorship in student research and scholarship
2020 World Neurosurgery - Editor’s Choice Article of the Month Award
2018 American Association of Neurological Surgeons – Robert Florin Resident Award for top Socioeconomic Abstract (top out of >100 submissions)
2018 Louisiana Neurosurgical Society – John Jackson Award for Outstanding Clinical Presentation (top out of >20 submissions)
2016 LSU Aesculapian Society – Excellence in Teaching Award (nominee)
2015 Louisiana Neurosurgical Society – Dean Echols Award for Best Research Presentation (top out of >20 submissions)
2014 LSU Department of Neurosurgery – Resident of the Year Award
2014 LSU Aesculapian Society – Excellence in Teaching Award (winner)
2014 Louisiana Neurosurgical Society – John Jackson Award for Outstanding Clinical Presentation (top out of >20 submissions)
2013 Interim LSU Public Hospital – Intern of the Year (nominee)
2013 LSU Aesculapian Society – Excellence in Teaching Award (nominee)
2011 Emanuel Medical Center, Turlock, CA – Outstanding 3rd Year Medical Student

Editorial Activities

2022 – Present *NEUROSURGERY*
• Editorial Board Member – Social Media Board
Ad Hoc Reviewer *NEUROSURGERY*
World Neurosurgery
Inquiry
JAMA Neurology
Journal of Neurotrauma

Grants

2022 – present PI: Anthony DiGiorgio. Open Health Grant, Mercatus Center at George Mason University, “Medicaid policy and access to post-acute care services for patients with neurological diseases.” \$50,000. No salary support.
2022 – 2024 PI: Anthony DiGiorgio. DePuy Synthes. “Evaluation of interbody graft type for anterior lumbar interbody fusion.” \$50,000. No salary support.

Peer Reviewed Policy Publications

1. Folse M, Bridges J, **DiGiorgio AM**. How Will Medicaid Work Requirements Affect American Healthcare? A Look at What Past and Present Policy Tells Us. *INQUIRY*. Accepted, in press
2. Baker NC, Bowden VA, **DiGiorgio AM**, Darbin OE, Menger RP. Barriers to overlapping complex and general spine surgery at a tertiary academic hospital. *Journal of Neurosurgery, Spine*. Accepted, in press
3. Ng G, **DiGiorgio AM**, Performance of Neurosurgeons Providing Safety-Net Care Under Medicare’s Merit-Based Incentive Payment Program. *Neurosurgery*. Accepted, in press.

4. Yue JK, Ramesh R, Krishnan N, Chyall L, Halabi C, Tarapore PE, Huang MC, Manley GT, **DiGiorgio AM**, Medicaid Insurance Is A Predictor of Prolonged Hospital Length of Stay After Traumatic Brain Injury: A Stratified NTDB Cohort Analysis of 552,949 Patients. *Neurosurgery*. Accepted, in press.
5. **DiGiorgio AM**, Miller BJ, Ehrenfeld JM. Improving Healthcare Quality Measurement to Combat Clinician Burnout. *JAMA*. Published online September 1, 2023. doi:10.1001/jama.2023.15512
6. Yue JK, Krishnan N, Chyall L, Vega P, Hamidi S, Etemad LL, Tracey JX, Tarapore PE, Huang MC, Manley GT, **DiGiorgio AM**. Socioeconomic and Clinical Factors Associated with Prolonged Hospital Length of Stay After Traumatic Brain Injury. *Injury*. 2023 <https://doi.org/10.1016/j.injury.2023.05.046>
7. Patel A, Mummaneni PV, Zheng J, Rosner BI, Thombley R, Sorour O, Theodosopoulos P, Aghi M, Berger MS, Chang E, Chou D, Manley GT, **DiGiorgio AM**. On-call junior neurosurgery residents spend 9 hours of their on-call shift actively using the electronic health record. *Neurosurgery*. 2023 DOI: [10.1227/neu.0000000000002288](https://doi.org/10.1227/neu.0000000000002288)
8. Yue JK, Krishnan N, Chyall L, Haddad AF, Vega P, Caldwell DJ, Umbach G, Tantry EK, Tarapore PE, Huang MC, Manley GT, **DiGiorgio AM**. Predictors of Extreme Hospital Length of Stay after Traumatic Brain Injury. *World Neurosurgery*. 2023 <https://doi.org/10.1016/j.wneu.2022.08.122>
9. Chan AK, Letchuman V, Mummaneni PV, Burke JF, Agarwal N, Bisson EF, Bydon M, Foley KT, Shaffrey CI, Glassman SD, Wang MY, Park P, Potts EA, Shaffrey ME, Coric D, Knightly JJ, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Alvi MA, Guan J, Haid RW, **DiGiorgio AM**. Inferior Clinical Outcomes for Patients with Medicaid Insurance following Surgery for Degenerative Lumbar Spondylolisthesis: A Prospective Registry Analysis of 608 Patients. *World Neurosurgery* <https://doi.org/10.1016/j.wneu.2022.05.094>
10. Chan AK, Shahrestiani S, Ballatori AM, Orrico KO, Manley GT, Tarapore PE, Huang MC, Dhall SS, Chou D, Mummaneni PV, **DiGiorgio AM**. Is the Center for Medicare and Medicaid Services Hierarchical Condition Category Risk Adjustment Model Satisfactory for Quantifying Risk Following Spine Surgery? *Neurosurgery*. 2022. doi: [10.1227/neu.0000000000001980](https://doi.org/10.1227/neu.0000000000001980)
11. Perera S, Hervey-Jumper SL, Mummaneni PV, Haddad AF, Marotta DA, Burke JF, Chan AK, Manley GT, Tarapore PE, Huang MC, Dhall SS, Chou D, Orrico KO, **DiGiorgio AM**. Do social determinants of health impact access to neurosurgical care in the United States? A workforce perspective. *Journal of Neurosurgery*. 2022. <https://doi.org/10.3171/2021.10.JNS211330>
12. Chan AK, Santacatterina M, Pennicooke B, Shahrestani S, Ballatori A, Orrico KO, Burke JF, Manley GT, Tarapore PE, Huang MC, Dhall SS, Chou D, Mummaneni PV, **DiGiorgio AM** Does state malpractice environment affect outcomes following spinal fusions? A robust statistical and machine learning analysis of 549,775 discharges following spinal fusion surgery in the United States. *Neurosurgical Focus*, 49(5), E18. DOI: <https://doi.org/10.3171/2020.8.FOCUS20610> PMID: 33130616
13. **DiGiorgio AM**, Nathan JK, Menger RM. Finding Our Voice: US Neurosurgeons in Administration and Advocacy. *World Neurosurgery*. 143, 70-72. <https://doi.org/10.1016/j.wneu.2020.07.047> PMID: 32818919
14. **DiGiorgio AM**, Mummaneni PV, Fisher JL, Virk MS, Podet AG, Crutcher CL, Z Fang, Wilson JD, Tender GC, Culicchia F. Change in policy allowing overlapping surgery decreases length of stay in an academic, safety-net hospital. *Operative Neurosurgery (Hagerstown, Md.)*, 17(6), 543–548. doi:10.1093/ons/opz009

Editorials, Opeds, and Other Policy Papers

1. **DiGiorgio AM**, Winegarden W. Reforming 340B to Serve Interests of Patients, Not Institutions. *JAMA Health Forum*. Accepted, in press
2. **DiGiorgio AM**, Makam A. [California is Robbing America's Poor to Fund Medicaid for its Rich](#). *Orange County Register*. January 9, 2024
3. **DiGiorgio AM**, Lopez N, Hammond J. [Increasing Transparency in the 340B and Medicaid Drug Rebate Programs](#). *Health Affairs Forefront*. January 9, 2024
4. **DiGiorgio AM**, Miller BJ. [How to keep a promise to put patients over paperwork](#). *The Hill* September 29, 2023
5. **DiGiorgio AM**. [Brain Injury Patients are Getting Trapped in the System: How to Help](#). *The Hill*. July 14, 2023
6. **DiGiorgio AM**, Grabert LS. [Traumatic Brain Injury: A Case Study in Failed Incentives to Address the Needs of Medicaid Patients in California](#). The Mercatus Center at George Mason University. May 16, 2023
7. **DiGiorgio AM**, Ehrenfeld JM. [Artificial Intelligence in Medicine & ChatGPT: De-Tether the Physician](#). *Journal of Medical Systems*. March 4, 2023
8. **DiGiorgio AM**. [To Promote Health, Policymakers Must Promote Work](#). *Washington Examiner*. April 27, 2023
9. **DiGiorgio AM**. [Health care cronyism is fueling hospital consolidation and rising medical costs](#). *The Hill*. February 14, 2023
10. **DiGiorgio AM** Mummaneni PV. [Death by 10,000 Clicks: The Electronic Health Record](#). *Medpage Today*. January 21, 2023
11. **DiGiorgio AM**. [340B: Good intentions in need of reform](#). *Health Affairs Forefront*. February 1, 2023
12. **DiGiorgio AM**. [How Medicaid Mission Creep Undermines Real Healthcare](#). *The Hill*. December 2, 2022
13. **DiGiorgio AM**. [A Regulation Driving Healthcare Costs & Harming Patients](#). *Sensible Medicine*. November 10, 2022
14. **DiGiorgio AM**, Menger RM. [Perverse Health-Care Incentives Endanger Spine Patients](#). *American Spectator*. May 1, 2022
15. Menger RM, **DiGiorgio AM**. [Overlapping Surgery: A Safe and Smart Way to Fix COVID-Related Backlogs](#). *American Spectator*. April 1, 2022

Neurosurgery Publications (peer reviewed)

1. Etemad LL, Yue JK, Barber J, Nelson LD, Bodien YG, Sattris GG, Belton PJ, Madhok DY, Huie JR, Hamidi S, Tracey JX, Coskn BC, Wong JC, Yuh EL, Mukherjee P, Markowitz AJ, Huang MC, Tarapore PE, Robertson CS, Diaz-Arrastia R, Stein MB, Ferguson AR, Puccio AM, Okonkwo DO, Giacino JT, McCrea MA, Manley GT, Temkin NR, **DiGiorgio AM**. Longitudinal Recovery Following Repetitive Brain Injury. *JAMA Network Open*. 2023;6(9):e2335804. doi:10.1001/jamanetworkopen.2023.35804
2. Lui, A, Park C, Chryssikos T, Radabaugh H, Patel A, Aabedi AA, Ferguson AR, Torres-Espin A, Mummaneni PV, Dhall SS, Duong-Fernandez X, Saigal R, Chou A, Pan J, Singh V, Hemmerle DD, Kyritsis N, Talbott JF, Pascual LU, Huie JR, Whetstone WD, Bresnahan JC, Beattie MS, Weinstein PR, Manley GT, **DiGiorgio AM**. Safety and Comparative Efficacy of Initiating Low Molecular Weight Heparin Within 24 Hours of Injury or Surgery for Venous Thromboembolism Prophylaxis in Spinal Cord Injury Patients: A Prospective TRACK-SCI Registry Study. *Neurosurgery Focus*. 2023
3. Yue JK, Krishnan N, Kanter JH, Deng H, Okonkwo DO, Puccio AM, Madhok DY, Belton PJ, Lindquist BE, Sattris GG, Lee YM, Umbach G, Duhaime AC, Mukherjee P, Yuh EL, Valadka AB, **DiGiorgio AM**, Tarapore PE, Huang MC, Manley GT. Neuroworsening in

- the Emergency Department is a Predictor of Traumatic Brain Injury Intervention and Outcome: A TRACK-TBI Pilot Study. *Journal of Clinical Medicine*. 2023
4. Agarwal N, Blitstein J, Lui A, Torres-Espin A, Casnarungruengkul C, Burke JF, Mummaneni PV, Dhall SS, Weinstein PR, Duong-Fernandez X, Chou A, Pan J, Singh V, Ferguson AR, Hemmerly DD, Kyritsis N, Talbott JF, Whetstone WD, Bresnahan JC, Beattie MS, Manley GT, **DiGiorgio AM**; Hypotension requiring vasopressor treatment increases cardiac complications in elderly spinal cord injury patients: a prospective TRACK-SCI registry study. *JNS: Spine*. 2023
 5. Hachem LD, Zhu M, Arabi B, Davies B, **DiGiorgio AM**, Evaniew N, Fehlings MG, Ganau M, Graves D, Guest J, Ha Y, Harrop J, Hofstetter C, Koljonen P, Kurpad S, Marco R, Martin AR, Nagoshi N, Nouri A, Rahimi-Movaghar V, Rodrigues-Pinto R, ter Wengel V, Tertreault L, Kwon B, Wilson JR. A Practical Classification System for Acute Cervical Spinal Cord Injury Based on a Three-Phased Modified Delphi Process From the AOSpine Spinal Cord Injury Knowledge Forum. *Global Spine Journal*. DOI: 10.1177/21925682221114800
 6. Reihl SJ, Garcia JH, Morshed RA, Sankaran S, **DiGiorgio AM**, Chou D, Theodosopoulos PV, Aghi MK, Berger MS, Chang EF, Mummaneni PV. Impact of the COVID-19 Pandemic on Neurosurgical Transfers: A Single Tertiary Center Study. *World Neurosurgery*. Accepted in press. <https://doi.org/10.1016/j.wneu.2022.07.137>
 7. Yue JK, Haddad AF, Wang AS, Caldwell DJ, Umbach G, **DiGiorgio AM**, Tarapore PE, Huang MC, Manley GT. Evacuation of a multi-loculated acute-on-chronic subdural hematoma using tandem bedside subdural evacuation port systems. *Trauma Case Reports*, Vol 40, August 2022. <https://doi.org/10.1016/j.tcr.2022.100668>
 8. Gaudette E, Seabury SA, Temkin N, Barber J, **DiGiorgio AM**, Markowitz AJ, Manley GT; for the TRACK-TBI investigators. Employment and Economic Outcomes of Mild Traumatic Brain Injury Participants in the TRACK-TBI Study. *JAMA Netw Open*. 2022;5(6):e2219444. doi:10.1001/jamanetworkopen.2022.19444
 9. Hunt IE, Wittenberg BE, Kennamer B, Crutcher CL, Tender GC, Hunt JP, **DiGiorgio AM**. A Retrospective review on the timing of Glasgow Coma Score documentation in a trauma database: implications for patient care, research, and performance metrics. *World Neurosurgery* (accepted, in press)
 10. Miclau TA, Torres-Esplin A, Morshed S, Morioka K, Huie JR, El Naga AE, Chou A, Pascual L, Duong-Fernandez X, Kuo YH, Weinstein P, Dhall SS, Bresnahan JC, Beattie MS, **DiGiorgio AM**, Ferguson AR. Appendicular fracture and polytrauma correlate with outcome of spinal cord injury (SCI): A TRACK-SCI study. *Journal of Neurotrauma*. Aug;39(15-16):1030-1038. doi: 10.1089/neu.2021.0375.
 11. Agarwal N, Aabedi AA, Torres-Espin A, Chou A, Wozny T, Mummaneni PV, Burke JF, Ferguson AR, Kyristis N, Dhall SS, Weinstein PR, Duong-Fernandez X, Pan J, Singh V, Hemmerle DD, Talbott JF, Whetstone WD, Bresnahan JC, Manley GT, Beattie MS, **DiGiorgio AM**. Decision Tree-based Machine Learning Analysis of Intraoperative Vasopressor Use to Optimize Neurological Improvement in Acute Spinal Cord Injury. *Neurosurgical Focus*. DOI: 10.3171/2022.1.FOCUS21743
 12. Kortz MW, Shlobin NA, Radwanski RE, Mureb M, **DiGiorgio AM**. Virtual neurosurgery education for medical students without home residency programs: A survey of 2020 virtual neurosurgery training camp attendees. *World Neurosurgery*. 157, e248-e155. 2022
 13. Lu AY, Blitstein JS, Talbott JF, Chan AK, Dhall SS, El Naga AN, Tan LA, Clark AJ, Chou D, Mummaneni PV, **DiGiorgio AM**. Single Versus Dual Operative Spine Fractures in Ankylosing Spondylitis. *Neurosurgical Focus*. 51(4), E6. <https://doi.org/10.3171/2021.7.FOCUS21329>

14. Haddad AF, Burke JF, Mummaneni PV, Chan AK, Safaee MM, Knightly JJ, Mayer RR, Pennicooke BH, **DiGiorgio AM**, Weinstein PR, Clark AJ, Chou D, Dhall SS. Telemedicine in Neurosurgery: Standardizing the Spinal Physical Examination Using A Modified Delphi Method. *Neurospine*. 2021 Jun; 18(2):292-302. DOI: <https://doi.org/10.14245/ns.2040684.342>
15. Haddad AF, **DiGiorgio AM**, Lee YM, Lee AT, Burke JF, Huang MC, Dhall SS, Manley GT, Tarapore PE. The Morbidity and Mortality of Surgery for Traumatic Brain Injury in Geriatric Patients: A Study of Over 100,000 Patient Cases. *Neurosurgery*. 89(6), 102-1070, 2021 <https://doi.org/10.1093/neuros/nyab359>
16. Nadel J, McNally JS, **DiGiorgio AM**, Garandhi R. Emerging Utility of Applied Magnetic Resonance Imaging in the Management of Traumatic Brain Injury. *Med Sci*. Accepted, in press
17. Kyritsis N, Torres-Espín A, Schupp PG, Huie JR, Chou A, Duong-Fernandez X, Thomas LH, Tsolinas RE, Hemmerle DD, Pascual LU, Singh V, Pan JZ, Talbott JF, Whetstone WD, Burke JF, **DiGiorgio AM**, Weinstein PR, Manley GT, Dhall SS, Ferguson AR, Oldham MC, Bresnahan JC, Beattie MS. Diagnostic blood RNA profiles for human acute spinal cord injury. *J Exp Med*. 2021 Mar 1;218(3):e20201795. doi: 10.1084/jem.20201795. PMID: 33512429; PMCID: PMC7852457.
18. Mummaneni N, Burke JF, **DiGiorgio AM**, Thomas LH, Duong-Fernandez X, Harris M, Pascual LU, Ferguson AR, Russell Huie J, Pan JZ, Hemmerle DD, Singh V, Torres-Espin A, Omondi C, Kyritsis N, Weinstein PR, Whetstone WD, Manley GT, Bresnahan JC, Beattie MS, Cohen-Adad J, Dhall SS, Talbott JF. Injury volume extracted from MRI predicts neurologic outcome in acute spinal cord injury: A prospective TRACK-SCI pilot study. *J Clin Neurosci*. 2020 Dec;82(Pt B):231-236. doi: 10.1016/j.jocn.2020.11.003. Epub 2020 Nov 25. PMID: 33248950.
19. Podet AG, Morrow KD, Robichaux JM, Shields JA, **DiGiorgio AM**, Tender GC. Minimally invasive lateral corpectomy for thoracolumbar traumatic burst fractures. *Neurosurg Focus*. 2020 Sep;49(3):E12. doi: 10.3171/2020.6.FOCUS20366. PMID: 32871572.
20. Wyczechowska D, Lukiw W, **DiGiorgio AM**, Jun B, Fannin EF, Knott E, Davidson C, Kopkin R, Rossi J, Chiappinelli B, Mullenix S, Formica M, Courseault J, Shaw V, Etheridge S, Jansonne D, Lassak A, Fang Z, Harc P, Culicchia F, Peruzzi F, Hollier L, Bazan N. Blood Serum Lipid Mediators and Pathological MicroRNAs Linked to Concussion in Football Players: Novel Biomarkers of Brain Injury. *Journal of Head Trauma and Rehabilitation*. 35(2), E209-210. 2020
21. Tsolinas RE, Burke JF, **DiGiorgio AM**, Thomas LH, Duong-Fernandez X, Harris M, Yue JK, Winkler EA, Suen C, Pascual LU, Ferguson AR, Huie JR, Pan JZ, Hemmerle DD, Singh V, Torres-Espin A, Omondi C, Kyritsis N, Haefeli J, Weinstein PR, de Almeida Neto CA, Kuo Y, Taggard D, Talbott JF, Whetstone WD, Manley GT, Bresnahan JC, Beattie MS, Dhall SS. Transforming Research and Clinical Knowledge in Spinal Cord Injury (TRACK-SCI): An Overview of Initial Enrollment and Demographics. *Neurosurgical Focus*. 2020 May 1;48(5):E6. doi: 10.3171/2020.2.FOCUS191030.
22. **DiGiorgio AM**, Mummaneni PV, Park P, Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Wang MY, Fu KM, Asher AL, Virk MS, Kerezoudis P, Alvi M, Guan J, Haid RW, Slotkin JR. Correlation of Return to Work with Patient Satisfaction After Surgery for Lumbar Spondylolisthesis: An Analysis of the Quality Outcomes Database. *Neurosurgical Focus*. 2020 May 1;48(5):E5. doi: 10.3171/2020.2.FOCUS191022.
23. Ammanuel SG, Chan AK, **DiGiorgio AM**, Alazzeah M, Nwachuku K, Robinson LC, Lobo E, Mummaneni PV. Perioperative Anesthesia Lean Implementation is Associated with Increased Operative Efficiency in Posterior Cervical Surgeries at a High-Volume Spine Center. *Neurospine*. Feb 5. doi: 10.14245/ns.1938318.159.

24. Crutcher CL, Wilson JM, **DiGiorgio AM**, Fannin ES, Shields JA, Morrow KD, Tender GT, Minimally Invasive Management of Civilian Gunshot Wounds to the Lumbar Spine: a Case Series and Technical Report. *Operative Neurosurgery*. 2020 Mar 6:opaa030. doi: 10.1093/ons/opaa030. Online ahead of print.PMID: 32147736
25. Lau D, **DiGiorgio AM**, Chan AK, Dalle Ore C, Virk MS, Chou D, Bisson EF, Mummaneni PV. The Applicability of Cervical Sagittal Vertical Axis, Lordosis, and T1-slope on Pain and Disability Outcomes after Anterior Cervical Discectomy and Fusion in Patients without Deformity. *J Neurosurg Spine* 32:23–30, 2020 doi:10.3171/2019.7.SPINE19437
26. **DiGiorgio AM**, Wittenberg BA, Crutcher CL, Kennamer B, Greene CS, Velander AJ, Wilson JD, Tender GC, Culicchia F, Hunt JP. The impact of drug and alcohol intoxication on GCS assessment in traumatic brain injury patients. *World Neurosurgery*. 2020 Mar;135:e664-e670. doi: 10.1016/j.wneu.2019.12.095.
27. Tender GC, Davidson C, Shields JA, Robichaux JM, Park J, Crutcher CL, **DiGiorgio AM**. Primary pain generator identification by CT-SPECT in patients with degenerative spinal disease. *Neurosurgical focus*, 47(6), E18. doi:10.3171/2019.9.FOCUS19608
28. Morrow KD, Podet AG, Spinelli CP, Lasseigne LM, Crutcher CL, Wilson JD, Tender GC, **DiGiorgio AM**. A case series of penetrating spinal trauma: comparisons to blunt trauma, surgical indications & outcomes. *Neurosurgical Focus*. 46 (3): E4, 2019. <https://doi.org/10.1093/neuros/nyy303.169>
29. **DiGiorgio AM**, Stein R, Morrow KD, Robichaux JM, Crutcher CL, Tender GC. The increasing frequency of intravenous drug abuse associated spinal epidural abscesses: a case series. *Neurosurgical Focus*. 46 (1):34, 2019. DOI: 10.3171/2018.10.FOCUS18449.
30. Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, **DiGiorgio AM**, Haid RW, Mummaneni PV. Obese Patients Benefit, but do not Fare as Well as Non-Obese Patients Following Lumbar Spondylolisthesis Surgery: An Analysis of the Quality Outcomes Database. *Neurosurgery* 2020 Jan 1;86(1):80-87 doi: 10.1093/neuros/nyy589.
31. Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Chotai S, **DiGiorgio AM**, Haid RW, Mummaneni PV. Laminectomy alone versus fusion for grade 1 lumbar spondylolisthesis in 426 patients from the prospective Quality Outcomes Database. *Journal of Neurosurgery: Spine*. 30:234-241, 2019; DOI: 10.3171/2018.8.SPINE17913.
32. Zygourakis CC, **DiGiorgio AM**, Crutcher CL, Safaee M, Nicholls FH, Dalle Ore C, Ahmed AK, Deviren V, Ames CP. The Safety and Efficacy of CT-Guided, Fluoroscopy-Free Vertebroplasty in Adult Spinal Deformity Surgery. *World Neurosurgery*. 2018 Aug;116:e944-e950. doi: 10.1016/j.wneu.2018.05.139. Epub 2018 May 29.
33. Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Chotai S, **DiGiorgio AM**, Chan AY, Haid RW, Mummaneni PV. Women fare best following surgery for degenerative lumbar spondylolisthesis-a comparison of the most and least satisfied patients utilizing data from the Quality Outcomes Database. *Neurosurgical Focus* 44(1):E3, 2018 DOI: 10.3171/2017.10.FOCUS17553.
34. Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Wang MY, Knightly JJ, Park P, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Guan J, **DiGiorgio AM**, Miller C, Haid RW, Mummaneni PV. 169 similar proportions return to work following fusion and decompression alone for degenerative grade 1 lumbar spondylolisthesis, though the trajectories differ: an analysis of the quality

- outcomes database. *Neurosurgery*, 65 (CN_suppl_1), 104-105. 2018.
<https://doi.org/10.1093/neuros/nyy303.169>
35. Tender GC, Serban D, **DiGiorgio AM**, Standard versus minimally invasive transforaminal lumbar interbody fusion: A prospective randomized study. *European Journal of Molecular & Clinical Medicine*. 2017; 2(27). DOI: <http://doi.org/10.5334/j.nhccr.2017.10.018>
 36. **DiGiorgio AM**, Tsolinas R, Alazzeah M, Haefeli J, Talbott JF, Ferguson AR, Bresnahan JC, Beattie MD, Manley GT, Whetstone WD, Mummaneni PV, Dhall SS. Early chemical DVT prophylaxis after SCI is safe and effective: Pilot Prospective Data. *Neurosurg Focus*. 2017 Nov;43(5):E21. doi: 10.3171/2017.8.FOCUS17437.
 37. **DiGiorgio AM**, Edwards C, Virk MV, Mummaneni PV, Chou D. Stereotactic navigation for the pre-psoas oblique lateral lumbar interbody fusion: technical note and case series. *Neurosurgical Focus* 43 (2): E14, 2017. doi: 10.3171/2017.5.FOCUS17168.
 38. **DiGiorgio AM**, Mummaneni PV, Virk MS, Sharan AD. Subsidizing the sick: How community rating works. *Clinical Spine Surgery* 2017 Jun 15. doi: 10.1097/BSD.0000000000000557.
 39. Tender GC, Constantinescu A, Conger AR, **DiGiorgio AM**. Primary pain generator identification by CT-SPECT in a patient with low-back pain: a case report. *BMC Research Notes* 2017 Mar 21;10(1):132. DOI: 10.1186/s13104-017-2458-3 PMID 28327190
 40. **DiGiorgio AM**, Conger AR, Fannin ES, Steck JC. Hemothorax after kyphoplasty: a case report. *Journal of Spine & Neurosurgery* 2017;6(2) doi:10.4172/2325-9701.1000264
 41. Liu H, **DiGiorgio AM**, Williams ES, Evans W, Russell MJ. Protocol for electrophysiological monitoring of carotid endarterectomies. *Journal of Biomedical Research* 2010;24(6):460-466 PMID: 23554663 doi: 10.1016/S1674-8301(10)60061-9
 42. **DiGiorgio AM**, Hou Y, Zhao X, Zhang B, Lyeth BG, Russell MJ. Dimethyl sulfoxide provides neuroprotection in a traumatic brain injury model. *Restorative Neurology & Neuroscience* 2008;26(6):501-7. PMID: 19096138

Neurosurgery Commentaries

1. **DiGiorgio AM**, Mummaneni PV. Commentary: Association Between Neighborhood-Level Socioeconomic Disadvantage and Patient-Reported Outcomes in Lumbar Spine Surgery. *Neurosurgery*, 10.1227
2. E Spiro, **DiGiorgio AM**. Commentary: The impact of frailty on traumatic brain injury outcomes: an analysis of 691 821 nationwide cases. *Neurosurgery* 91 (6), e166-e167
3. **DiGiorgio AM**, Tantry EA, Commentary: Loss to Follow-up and Unplanned Readmission Following Emergent Surgery for Acute Subdural Hematoma. *Neurosurgery*
4. Kortz MW, McCray E, Lillehi KO, **DiGiorgio AM**, Letter: A Novel Neurosurgery Virtual Interest Group for Disadvantaged Medical Students: Lessons Learned for the Postpandemic Era. <https://doi.org/10.1093/neuros/nyab267>
5. **DiGiorgio AM**, Menger RP. Commentary: An Analysis of Medicare Reimbursement for Neurosurgeon Office Visits: 2010 Compared to 2018. *Neurosurgery*.
6. **DiGiorgio AM**, Nathan JK, Menger RP. Response to Editorial - Finding Our Voice: US Neurosurgeons in Administration and Advocacy. *World Neurosurgery*.
7. **DiGiorgio AM**, Burke JF, Manley GT. Acute Care Neurosurgery: An Evolving Practice Model. AANS/CNS Section on Neurotrauma and Critical Care Newsletter. <http://newsletters.aans.org/neurotrauma/spring-2020/acute-care-neurosurgery-an-evolving-practice-model/>
8. **DiGiorgio AM**, Mummaneni PV, Park P, Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Wang MY, Fu KM,

- Asher AL, Virk MS, Kerezoudis P, Alvi M, Guan J, Haid RW, Slotkin JR. Response to Editorial: Return to Work and Patient Satisfaction. *Neurosurgical Focus*. Accepted, in press
9. **DiGiorgio AM**, Dhall SS. Book Review: *Neurotrauma and Critical Care of the Spine*, Second Edition. *Neurosurgery*, nyz153 2019. <https://doi.org/10.1093/neuros/nyz153>
 10. **DiGiorgio AM**, Edwards CS, Virk MS, Chou D. Lateral Prepsos (Oblique) Approach Nuances. *Neurosurgery Clinics of North America*. 29(3) 419-426, 2018 DOI: 10.1016/j.nec.2018.02.003
 11. **DiGiorgio AM**, Virk MS, Mummaneni PV. Editorial: Damage capitation as malpractice reform. *Journal of Neurosurgery: Spine*. 28(4) 444-445, 2018. DOI: 10.3171/2017.3.SPINE17287
 12. Berven SH, **DiGiorgio AM**, The Case for Deformity Correction in the Management of Radiculopathy with Concurrent Spinal Deformity. *Neurosurgery Clinics of North America*. 2017 Jul;28(3):341-347 doi: 10.1016/j.nec.2017.03.002.

Book Chapters

1. DiGiorgio AM, Manley GT. Contusion and Diffuse Injury. In: Raksin, P.B. (eds) *Acute Care Neurosurgery by Case Management*. Springer, Cham. https://doi.org/10.1007/978-3-030-99512-6_3
2. DiGiorgio AM, Huang MC, Wang VY, Manley GT (2021). ICP Monitoring. In Winn HR (Ed), *Youman's Neurological Surgery*.
3. Blitstein JS, El Naga AN, Dhall SS, DiGiorgio AM (2021). Osteomyelitis of the Spine. In FU KM, Wang MY, Virk MS, Dimar JR, Mummaneni PV (Ed), *Treatment of Spine Disease in the Elderly*. Cham, Switzerland: Springer
4. DiGiorgio AM, Virk MS, Mummaneni PV (2020). Spinal Meningiomas. In MW McDermott (Ed.), *Meningiomas*. Amsterdam, Netherlands: Elsevier
5. DiGiorgio AM, Alazeh M, Mummaneni PV (2019). Adult Scoliosis Treatment with Anterior Approach. In Roussouly P, Pinheiro-Franco JL, Labelle H, Gehrchen M (Eds.), *Sagittal Balance of the Spine*. Stuttgart, Germany: Thieme Medical Publishers
6. DiGiorgio AM, Virk MS, Hu MH, Alazeh M, Thottempudi S, Mummaneni PV (2019). Stabilization Across the Cervicothoracic Junction. In Kaiser MG, Haid RW, Shaffrey CI & Fehlings MG (Eds.), *Degenerative Cervical Myelopathy and Radiculopathy Treatment Approaches and Options*. Berlin, Germany: Springer
7. DiGiorgio AM, Tenorio A, Virk MS, Mummaneni PV (2019). Adjacent Level Disc Degeneration and Pseudoarthrosis. In Nanda A (Ed.), *Complications in Neurosurgery*. Amsterdam, Netherlands: Elsevier. P 283 - 288
8. Tender GC, Serban D, DiGiorgio AM (2018). Introduction to Minimally Invasive Spine Surgery. In Tender GC (Ed.), *Minimally Invasive Spine Surgery Techniques*. Berlin, Germany: Springer. p 1-4
9. Calina N, Serban D, Constantinescu A, DiGiorgio AM, Tender GC (2018). Microdiscectomy. In Tender GC (Ed.), *Minimally Invasive Spine Surgery Techniques*. Berlin, Germany: Springer. p 5-21
10. DiGiorgio AM, Eggart MD, Constantinescu A, Wilson JD, Tender AM (2018). Facetectomy. In Tender GC (Ed.), *Minimally Invasive Spine Surgery Techniques*. Berlin, Germany: Springer. p 23-31
11. Voorhies R, Tender GC, Crutcher CL, DiGiorgio AM (2018). Parsectomy. In Tender GC (Ed.), *Minimally Invasive Spine Surgery Techniques*. Berlin, Germany: Springer. p 33-40
12. Serban D, Calina N, DiGiorgio AM, Tender GC (2018). Minimally Invasive Transforaminal Lumbar Interbody Fusion. In Tender GC (Ed.), *Minimally Invasive Spine Surgery Techniques*. Berlin, Germany: Springer. p 47-71

13. Serban D, Calina N, DiGiorgio AM, Lasseigne LM, Tender GC (2018). Percutaneous Pedicle Screw/Rod Fixation. In Tender GC (Ed.), Minimally Invasive Spine Surgery Techniques. Berlin, Germany: Springer. p 123-133
14. Tender GC, Waguespack A, Crutcher CL, DiGiorgio AM, Nader R(2018). Sacro-iliac Joint Fusion. In Tender GC (Ed.), Minimally Invasive Spine Surgery Techniques. Berlin, Germany: Springer. p 147-154
15. Tender GC, Sure DR, Badr Y, DiGiorgio AM, Crutcher CL (2018). Lumbar Retroperitoneal Transpsoas Corpectomy. In Tender GC (Ed.), Minimally Invasive Spine Surgery Techniques. Berlin, Germany: Springer. p 155-172
16. Crutcher CL, DiGiorgio AM, Nader, Tender GC (2018). D-TRAX. In Tender GC (Ed.), Minimally Invasive Spine Surgery Techniques. Berlin, Germany: Springer. p 221-227
17. DiGiorgio AM, Zamy A, Virk MS, Miller C, Mummaneni PV (2017). Past and Future of Minimally Invasive Approaches to the Spine. In A Goel (Ed.), Minimally Invasive Techniques in Spine. Stuttgart, Germany: Thieme Medical Publishers – In Press.

Invited Talks (policy)

- Leonard Davis Institute at University of Pennsylvania – Medicaid Fee-For-Service and Managed Care: Using Free Market Ideals to Drive Equity. April 16, 2024
- Winchester Medical Center Grand Rounds – Burdens & Burnout, March 6, 2024
- UCSF Neurosurgery Grand Rounds – Policy & Advocacy in Neurosurgery, February 2023
- Johns Hopkins University – Medicaid & CHIP, A Primer, July 2022
- California Association of Neurological Surgeons – Challenges of Corporate Employment, January 2022

Invited Talks (neurosurgery)

- OCH Spine Grand Rounds – Advances in Spinal Cord Injury, November 2023
- North American Spine Society – Thoracolumbar Injuries in the Ankylosed Spine, October 2023
- Tulane Grand Rounds – Spinal Cord Injury, Healthcare Policy, &c, June 2023
- LSU Grand Rounds – Advances in Spinal Trauma, February 2023
- UCSF Neurosurgery Grand Rounds – Advances in Spinal Trauma, August 2022
- UCSF Spine Surgery Update – High Risk Spinal Trauma, May 2022
- H Barrie Fairley Seminar in Intensive Respiratory Care – ICU care for Spinal Cord Injury, May 2022
- Blood Thinners in TBI – AANS Annual Meeting, Philadelphia, PA, April 2022
- California Association of Neurological Surgeons – Thoracolumbar trauma: Navigation & Robotics in Spine Surgery, January 2022
- Panelist – Anticoagulation Luncheon, CNS Annual Meeting, Austin, TX, October 2021
- Update in Spinal Cord Injury – CNS Annual Meeting, Austin, TX, October 2021
- Discussant: Diffuse axonal injury and cerebral contusions on MRI are associated with decreased functional outcome in CT-negative TBI: A TRACK-TBI Pilot Study. American Association of Neurological Surgeons Annual Meeting, Orlando, FL (Virtual); August 2021.
- Moderator: Abstract session – General Spine & Spine Trauma. ANS/CNS Disorders of the Spine and Peripheral Nerve Annual Meeting, San Diego, CA; July, 2021.
- Discussant: Surgical Timing of TLICS 4 Fractures Impacts Long-term Pain Outcomes. AANS/CNS Disorders of the Spine and Peripheral Nerve Annual Meeting, San Diego, CA; July, 2021.

- Neuroscience Advanced Practice Provider Educational Meeting – Invited Lecturer (Virtual); January, 2021.
- ZSFG Neurotrauma Symposium – Update on Spinal Trauma, December 2019
- Brain Injury Association of Louisiana Annual Meeting, 2019
- LSU Emergency Medicine Department, 2017
- LSU School of Physical Therapy, 2017

Public Testimony

2024 Reducing Paperwork, Cutting Costs: Alleviating Administrative Burdens in Healthcare. United States Senate Committee on the Budget. May 8th, 2024.
<https://www.budget.senate.gov/hearings/reducing-paperwork-cutting-costs-alleviating-administrative-burdens-in-health-care>

Media Appearances

2023 “Scarcity in Neurosurgery.” *Neurosurgery Podcast*
2023 “Navigating Quality Healthcare: EMRs, Metrics & More” *Healthcare Americana*
2023 “Death by 10,000 Clicks” *HealthCall Live*

In Progress

- DiGiorgio AM, Miller BJ, Zima SC, Williams D. “The History of Legislative Interventions to Address Drug Pricing.”
- Yue JK, Krishnan N, Toretsky S, Hsia R, Manely GT, Makim A, DiGiorgio AM. “Medicaid Fee-For-Service Shows Reduced Access to Care for Post-Acute Care after Traumatic Brain Injury.”
- DiGiorgio AM, Yue JK, Krishnan N, Nikpay S, Hsia R, Manley GT, Ward M. “Medicaid and Transfers after Traumatic Brain Injury.”
- DiGiorgio AM, Connolly J, Miller BJ, Sarran S. “I-SNP overview and opportunities for reform.”
- DiGiorgio AM, Esmaili A, Huang MC. “Utilization of Artificial Intelligence in Improving Coding Accuracy in a Neurosurgery Service.”
- Nathan JK, Aabedi AA, Ambati V, DiGiorgio AM. “Artificial Intelligence and Large Language Model Decoding of Neurosurgery Operative Reports.”
- DiGiorgio AM, Halabi C, Senter C, Huang MC, Dalle Ore C, Akey M, Groff M, Stroink A, Haid R. “Concussions in female athletes: mixed methods study on access to care and long-term follow up.”

Mentoring

Predoctoral Advisees/Mentees

2022 – present	Nishanth Krishnan, medical student, UCSF
2022 – present	Abraham Dada, medical student, UCSF
2022 – present	William Blanks, medical student, West Virginia University School of Medicine
2022 – present	Michael Tawil, medical student, UCSF
2022 – present	Rithvik Ramesh, medical student, UCSF
2021 – Present	Austin Lui, medical student, Touro University College of Osteopathic Medicine
2021 – 2021	Sudheesha Perera, medical student, Brown University
2019 – 2021	Jacob Biltstein, medical student, Touro University College of Osteopathic Medicine

Postdoctoral Advisees/Mentees

2023 – present	John Kanter, MD, neurotrauma fellow, UCSF
2023 – present	Phillip Bonney, MD, neurotrauma fellow, UCSF
2022 – present	Vijay Letchuman, MD, resident, neurological surgery, UCSF
2022 – present	Alexander Aabedi, MD, resident, neurological surgery, UCSF
2022 – 2023	Patrick Belton, MD, neurotrauma fellow, UCSF
2021 – present	Alexander Haddad, MD, resident, neurological surgery, UCSF
2021 – 2022	Ernest Barthelemy, MD, neurotrauma fellow, UCSF
2019 – present	John Yue, MD, resident, neurological surgery, UCSF
2019 – present	Thomas Wozny, MD, resident, neurological surgery, UCSF
2019 – present	Arati Patel, MD, resident, neurological surgery, UCSF

Faculty Mentees

2023 – present	Nima Alan, MD, Assistant Professor, Neurological Surgery, UCSF
2023 – present	Blake Taylor, MD, Assistant Professor, Neurological Surgery, UCSF
2020 – present	Clifford Crutcher, MD, Assistant Professor, Neurological Surgery, Duke University