

Curriculum Vitae

Name: Aaron M. Yengo-Kahn
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T-4224 Medical Center North.
Nashville TN, 37232

Training

2016-present Residency in Neurological Surgery (grad. 2023)
Vanderbilt University Medical Center

Education

2012-2016 M.D. - Vanderbilt University School of Medicine
2007-2011 B.S. - Boston University
Summa Cum Laude
2003-2007 Diploma from Lexington High School, Lexington, MA

Awards and Honors

2019 AAP/SONS Award for Best Oral Presentation at 2019 AANS/CNS Section of Pediatric Neurosurgery Annual Meeting
Awarded for "Improving Discharge Readiness After Concussion Diagnosis in the Pediatric Emergency Department"

2019 AANS/CNS Section of Pediatric Neurosurgery Travelling Fellowship
To be completed Spring 2021 under mentorship of Dr. Ed Smith at Boston Children's Hospital

2019 NFL Travel Grant for Helmet Challenge Symposium

2018 Top 3 Oral Presentation Tennessee Neurosurgical Society Annual Meeting
Awarded for "Constructing and Implementing a Large Center Concussion Registry: Consideration, Hurdles and Next Steps"

2018 ThinkFirst Injury Prevention Abstract Award
Awarded for "Professional Athlete Performance Following Concussion; an analysis of three major sports"

2016 The Geoffrey David Chazen Award
For contributions to the educational program of Vanderbilt University School of Medicine through development and implementation of effective innovation

- 2016 SGEA Medical Education Scholarship Award (MESA)
Outstanding Poster by a Trainee Award for "Student Perspectives and Contributions to Implementing a Revised Medical Curriculum"
- 2016 ThinkFirst Injury Prevention Abstract Award
Awarded for "Mechanisms of injury as a diagnostic predictor of sport-related concussion severity in football, basketball, and soccer"
- 2016 August McCravey Award for Oral Presentation
Awarded for "Predictors of Post-Concussion Syndrome in Collegiate Student Athletes"
- 2015 Alpha Omega Alpha Medical Honor Society
- 2015 Gold Humanism Honor Society
- 2015 Depuy Synthes Award for Resident Research on Brain and Craniofacial Injury –
Awarded for "Descriptive Epidemiology, Mechanisms, and Symptom Resolution of Concussion Sustained by NCAA Student-Athletes, 2009/10-2013/14 Academic Years"

Leadership

- 2019-Present Vanderbilt Sport Concussion Center Co-Director of Research
- 2013-2014 VUSM Admissions Committee, Student Member
- 2013-2014 Vice President of Academic Affairs for the MDAS
- 2012-2016 VUSM Student Curriculum Committee
Co-Chair, Academic Year 2015-2016

Teaching Activities

Medical Student Education

- 2020 Faculty Observer at VC3 Milestone Assessments
- 2019 Lecture: "Resident Experience and Lifestyle" at *VUSM Neurosurgery Elective for Pre-Clinical Students*
- 2019 Course director: Neurosurgery Elective for Preclinical Medical Students
- 2017 Lecture: "Sports-Related Concussion" at *VUSM Neurosurgery and Orthopedic Surgery Interest Group Joint Lecture Series*

Resident Education

- 2019 Lecture: "Active Recovery for Sport-Related Concussion" at *VUMC Neurosurgery Resident Journal Club*
- 2019 Lecture: "The Basics of Cranial Neurosurgery" at *VUMC Neurosurgery Resident Journal Club*
- 2019 Lecture: "Ptery and Friends: The Pterional Craniotomy and Extradural Clinoidectomy" at *VUMC Neurosurgery Resident Journal Club*

Faculty and Staff Education

- 2020 Lecture: "Plant-Based Diets: Fact, Fad, or A Time Efficient Approach to Wellness" at *VUMC Neurosurgery Grand Rounds*
- 2020 Lecture: "Cranial Neurotrauma: Imaging and Neurosurgical Considerations" at *2nd Annual TBI Education Day*
- 2020 Lecture: "V-SCoRe Annual Research Update" at *Vanderbilt Sport Concussion Center Annual Providers Meeting*
- 2019 Lecture: "The Brachial Plexus In All Its Glory" at *VUMC Neurosurgery Grand Rounds*
- 2019 Lecture: "Diffuse Axonal Injury: What's the Prognosis" at *VUMC Neurosurgery Grand Rounds*
- 2019 Lecture: "Performance Enhancing Drugs for Surgeons: An Elephant in the Room" at *VUMC Neurosurgery Grand Rounds*
- 2019 Lecture: "V-SCoRe Annual Research Update" at *Vanderbilt Sport Concussion Center Annual Providers Meeting*
- 2019 Lecture: "Concussions in the Workplace" at *Occupational Health Guest Lecture Series*
- 2018 Lecture: "Pearls: Neurosarcoïd" at *VUMC Neurosurgery Grand Rounds*
- 2018 Lecture: "The Orbit: From a Neurosurgeon's Perspective" at *VUMC Neurosurgery Grand Rounds*
- 2018 Lecture: "Deep Learning: The More Than Likely Future of Medicine" at *VUMC Neurosurgery Grand Rounds*
- 2017 Lecture: "Pearls: Depressed Skull Fractures" at *VUMC Neurosurgery Grand Rounds*

Research Mentorship

Residents

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|--------------|--------------------------|---|
| 2020-present | Viviana Jimenez, MD, MPH | Current position: PGY-1 VUMC Neurology |
| 2020-present | Soren Jonzzen, MD | Current position: PGY-1 VUMC Neurosurgery |
| 2020-present | Scott Miller, MD | Current position: PGY-3 VUMC PMR |
| 2018-present | Robert Dambrino, MD | Current position: PGY-3 VUMC Neurosurgery |

Medical Students

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|--------------|----------------------|--|
| 2020-present | Olu Akinnusotu, BS | Current position: Medical student, Meharry College |
| 2020-present | Jackson Allen, BS | Current position: Medical student, Vanderbilt |
| 2020-present | Jeffrey Chen, BS | Current position: Medical student, Vanderbilt |
| 2019-present | Pious Patel, BS | Current position: Medical student, Vanderbilt |
| 2019-present | Katherine Kelly, BA | Current position: Medical student, Vanderbilt |
| 2019-present | Alan Tang, BS | Current position: Medical student, Vanderbilt |
| 2019-present | Ranbir Ahluwalia, BS | Current position: Medical student, FSU |
| 2019-present | Fakhry Dawoud, BS | Current position: Medical student, ETSU |
| 2018-present | Matthew Lan, BS | Current position: Medical student, Vanderbilt |
| 2017-present | Lydia McKeithan, BE | Current position: Medical student, Vanderbilt |
| 2017-present | Natalie Hibshman, BA | Current position: Medical student, Vanderbilt |
| 2017-2020 | Daniel Wolfson, MD | Current position: PGY-1 Rush Neurosurgery |
| 2017-2019 | Ni Mummareddy, MD | Current position: PGY-2 VUMC Neurosurgery |
| 2017-2019 | Andrew Legaretta, MD | Current position: PGY-2 UPMC Neurosurgery |
| 2016-2020 | Andrew Kuhn, MD | Current position: PGY-1 Orthopedic Surg WUSTL |

Undergraduate Students

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|--------------|------------------|--|
| 2020-present | Maddie Souza | Current position: Vanderbilt Univ. student |
| 2020-present | Jackson Blough | Current position: Vanderbilt Univ. student |
| 2018-present | Jesse Pullen, BS | Current position: recent Vanderbilt graduate |

Research Activities

Active Research Studies

2020-present	IRB #192033	Retrospective Evaluation of Concussion Management
2020-present	IRB #201211	Insulin-dependent diabetes mellitus and concussion
2020-present	IRB #200991	Neurosurgery resident activities and engagement
2020-present	IRB #192437	Predicting neurosurgery operating room time and scheduling efficiency
2019-present	IRB #190171	Evaluation of the Management/Outcomes of Skull Fractures
2019-present	IRB #192489	Use of “Eyestat” blink reflex machine in sport-related concussion
2019-present	IRB n/a	Machine vision for the detection of sport-related concussion
2019-present	IRB #191788	Decision-making/Unconscious Bias in Residency Application Review

Peer-Reviewed Publications

1. Wolfson D, Monsour MA, Kuhn AW, Yengo-Kahn AM, Brett BL, Bonfield CM, Solomon GS, Zuckerman SL. Is contact sport participation associated with chronic traumatic encephalopathy or neurodegenerative decline? A systematic review and meta-analysis of contact sport athletes. (in draft)
2. Pullen JC, Wolfson DI, Totten DJ, Jeckell AS, Bonfield CM, Zuckerman SL, Yengo-Kahn AM. Attention-deficit hyperactivity disorder and learning disabilities modify recovery and sport behavior in children following sport-related concussion. 2020. (submitted)
3. Hicks SD, Onks C, Kim RY, Zhen KJ, Loeffert J, Loeffert AC, Olympia RP, Fedorchak G, Devita S, Rangnekar A, Leddy J, Haider MN, Gagnon Z, McLoughlin CD, Badia M, Randall J, Madeira M, Yengo-Kahn AM, Wenzel J, Heller M, Zwibel H, Roberts A, Johnson S, Monteith C, Dretsch MN, Campbell TR, Mannix R, Neville C, Middleton F. Diagnosing mild traumatic brain injury using saliva RNA compared to cognitive and balance testing. *Clinical and Translational Medicine*. 04 Oct, 2020. Epub ahead of print.
4. Zuckerman SL, Tang AR, Richard KE, Grisham CJ, Kuhn AW, Bonfield CM, Yengo-Kahn AM. The physical, psychological and social impacts of team sports: a systematic review and meta-analysis. 2020. (in revision).
5. Dawoud F, Feldman MJ, Yengo-Kahn AM, Roth SG, Ahluwalia R, Wolfson D, Kelly PD, Chitale RV. Ten Years of Vascular Injuries Associated with Gunshot Wounds to the Head: a single institution experience. 2020. (revisions submitted)
6. Yengo-Kahn AM, Hibshman N, Bonfield CM, Torstenson ES, Gifford KA, Belikau D, Davis LK, Zuckerman SL, Dennis JK. A phenome-wide association study identifying risk factors for pediatric post-concussion syndrome. 2020. (under review)
7. Jeckell AS, McKeithan LJ, Yengo-Kahn AM, Gifford KA. Treatment preferences among psychiatrists for the management of concussion. 2020. (under review)
8. Zuckerman SL, Yengo-Kahn AM, Tang AR, et al. Athlete return to play after intracranial hemorrhage: representative case, systematic review, and expert opinion. 2020. (revisions submitted)
9. Ahluwalia R, Miller S, Dawoud F, Malave JO, Tyson H, Bonfield CM, Yengo-Kahn AM. A pilot study evaluating the timing of vestibular therapy after sport-related concussion: is earlier better? 2020. (under review)

10. Yengo-Kahn AM, Kelly PD, Liles DC, McKeithan LJ, Grisham CJ, Khan MS, Lee T, Kuhn AW, Bonfield CM, Zuckerman SL. The cost of a single concussion in American high school football: a retrospective cohort study. *Concussion*. 2020. (in press)
11. Kelly PD, Patel P, Yengo-Kahn AM, Wolfson DI, Dawoud F, Ahluwalia R, Guillamondegui O, Bonfield CM. Incorporating Conditional Survival into Prognostication for Gunshot Wounds to the Head. *Journal of Neurosurgery*. 2020. (in press)
12. Kelly PD, Yengo-Kahn AM, Naftel RP. Shunt Survival Following Externalization: A single-institution cohort study. *Journal of Neurosurgery Pediatrics*. 2020. (in press)
13. Yengo-Kahn AM, Patel P, Kelly PD, Wolfson DI, Dawoud F, Ahluwalia R, Bonfield CM, Guillamondegui O. The Value of Simplicity: Validating the “Baylor” Cranial Gunshot Wound Prognosis Score in the Modern Era of Acute Trauma Care. *Journal of Neurosurgery*. 2020. (in press)
14. Yengo-Kahn AM, Hibshman N, Bezzerides M, Feldman MJ, Vukovic AA, Mummareddy N, Zhao S, Penrod C, Bonfield CM, Vance EH. Improving Guideline Adherence During Emergency Department Discharge After Concussion Diagnoses. 2020. (in revision)
15. Hibshman N*, Yengo-Kahn AM*, Wiseman A, Kelly PD, Wu J, Monk S, Harris G, Gannon S, Shannon CN, Bonfield CM. Child Participation in Collision Sports and Football: What influences parental decisions? 2020. (in revision)
16. Zuckerman SL, Yengo-Kahn AM, Brett BL, Kuhn AW, Wolfson DI, Kerr ZY. Benefits of team sport participation vs. concerns of chronic traumatic encephalopathy: prioritizing the health of our youth. *Concussion*. 2020. May 14; 5(2):CNC75. PMID: 32509327
17. Zuckerman SL, Limoges N, Yengo-Kahn AM, Graffeo C, Chambless LB, Chitale RV, Mocco J, Durham S. The neurosurgery residency interview: assessing applicant perspectives on question content, utility and stress. *Journal of Neurosurgery*. 2020 Jul 17:1-9. Online ahead of print. PMID: 32679566
18. Yengo-Kahn AM, Plackis A, Bonfield CM, Reddy S. Correction of a vertex encephalocele related to amniotic band syndrome. *BMJ Case Reports*. 2020. Mar 31;13(3):e23435. PMID: 32234859.
19. Wolfson D, Kuhn AW, Kerr ZY, Yengo-Kahn AM, Brett B, Solomon GS, Zuckerman SL. CTE Research in the Public Domain: What Makes the Headlines? *Brain Injury*. 2020 Mar 20;34(4): 528-534. PMID: 32064946.
20. Yengo-Kahn AM, Zuckerman SL. Preventable Deaths, Video Analysis, Artificial Intelligence and the Future of Sport. *Neurosurgery*. 2020 Mar 1;86(3):E349-E350. PMID: 31748788.
21. Legarreta AD, Mummareddy N, Yengo-Kahn AM, Zuckerman SL. On-field Assessment of Concussion: Clinical Utility of the King-Devick Test. *Open Access Journal of Sports Medicine*. 2019 Aug 21; 10:115-121. PMID: 31686924.
22. Dallas J, Mummareddy N, Yengo-Kahn AM, Dambrino RJ, Lopez AM, Chambless LB, Berkman R, Chitale RV, Bonfield CM, Offodile RS, Durham S, Wellons JC, Thompson RC, Zuckerman SL. Neurosurgery Elective for Preclinical Medical Students with and without a Home Neurosurgery Program. *World Neurosurgery*. 2019 Jul 19. Epub ahead of print. PMID: 31330335.
23. Mummareddy N, Legarreta AD, Yengo-Kahn AM, Bow HC, Solomon GS, Naftel RP, Zuckerman SL. Sport-Related Structural Brain Injury in High School Soccer: Epidural Hemorrhage After a “Header.” *World Neurosurgery*. 2019 Mar 27. Epub ahead of print. PMID: 30928598.

24. Gonzalez HFJ, [Yengo-Kahn A](#), Englot DJ. Vagus Nerve Stimulation for the Treatment of Epilepsy. *Neurosurgery Clinics of North America*. 2019 Apr; 30(2): 219-230. PMID: 30898273.
25. McKeithan L, Hibschan N, [Yengo-Kahn AM](#), Solomon GS, Zuckerman SL. Sport-Related Concussion: Evaluation, Treatment and Future Directions. *Medical Sciences*. 2019 Mar 15; 7(3). Epublication. PMID: 30884753.
26. Dennis J, [Yengo-Kahn AM](#), Kirby P, Solomon GS, Cox NJ, Zuckerman SL. Diagnostic Algorithms to Study Post-Concussion Syndrome using Electronic Health Records: Validating a Method to Capture an Important Patient Population. *Journal of Neurotrauma*. 2019 Mar 28. Epub ahead of print. PMID: 30773988.
27. Hanada GM, Ahveninen J, Calabro FJ, [Yengo-Kahn AM](#), Vaina LM. Cross-Modal Cue Effects in Motion Processing. *Multisensory Research*. 2018 Oct 24. Epublication. PMID: 30613468.
28. Zuckerman SL, Brett BL, Jeckell AS, [Yengo-Kahn AM](#), Solomon GS. Chronic Traumatic Encephalopathy and Neurodegeneration in Contact Sports and American Football. *Journal of Alzheimer's Disease*. 2018; 66(1): 37-55. PMID: 30223396.
29. Brett BL, Kuhn AW, [Yengo-Kahn AM](#), Solomon GS, Zuckerman SL. The Relative Odds Of Sustaining A Sport-Related Concussion: A Study of 12,320 Student-Athletes. *Archives of Clinical Neuropsychology*. 2018. Dec 1; 33(8):984-992. PMID: 29471410
30. Legarreta, AD, Monk SH, Kirby PW, Brett BL, [Yengo-Kahn AM](#), Bhatia A, Solomon GS, Zuckerman SL. Long-Term Neuroimaging Findings in American Football Players: Systematic Review. *World Neurosurgery*. 2018 Dec;120:e365-e379. PMID: 30144599.
31. Monk, SH, Legarreta, AD, Kirby PW, Brett BL, [Yengo-Kahn AM](#), Bhatia A, Solomon GS, Zuckerman SL. Imaging findings after acute sport-related concussion in American Football Players: A Systematic Review. *Journal of Clinical Neuroscience*. 2018 Nov 26. Epub ahead of print. PMID: 30487055.
32. Zuckerman SL, Brett BL, Jeckell AS, [Yengo-Kahn AM](#), Solomon GS. Prognostic Factors in Pediatric Sport-Related Concussion. *Current Neurology and Neuroscience Reports*. 2018 Nov 5;18(12). PMID: 30397831.
33. Zuckerman SL, Kuhn AW, Gentry GS, Patel RD, [Yengo-Kahn AM](#), Kerr ZY, Solomon GS. Player Performance After Returning From Concussion in the National Football League (NFL): A Pilot Study. *Journal of Surgical Orthopedic Advances*. 2018 Fall; 27(3); 187-197. PMID: 30489243.
34. Brett BL, Mummareddy N, Kuhn AW, [Yengo-Kahn AM](#), Zuckerman SL. The Relationship Between Prior Concussions and Depression Is Modified by Somatic Symptomatology in Retired NFL Athletes. *Journal of Neuropsychiatry and Clinical Neurosciences*. 2018 Sep 6. Epub ahead of print. PMID: 30187822.
35. Zuckerman SL, Reynolds BB, [Yengo-Kahn AM](#), Kuhn AW, Chadwell JT, Goodale SE, Lafferty CE, Langford KT, McKeithan LJ, Kirby P, Solomon GS. A football helmet prototype that reduces linear and rotational acceleration with the addition of an outer shell. *Journal of Neurosurgery*. 2018 Jun 29:1-8. Epub ahead of print. PMID: 29957115.
36. Mummareddy N, Brett BL, [Yengo-Kahn AM](#), Solomon GS, Zuckerman SL. Sway Balance Mobile Application: Reliability, Acclimation and Baseline Administration. *Clinical Journal of Sports Medicine*. 2018 Jun 25. Epub ahead of print. PMID: 29952841.
37. Brett BL, Kuhn AW, [Yengo-Kahn AM](#), Solomon GS, Zuckerman SL. Risk Factors Associated with Sustaining a Sport-Related Concussion: An Initial Synthesis Study of 12,320 Student-Athletes. *Archives of Clinical Neuropsychology*. 2018 Feb 17. Epub ahead of print. PMID: 29471410.

38. Brett BL, Kuhn AW, Yengo-Kahn AM, Jeckell AS, Solomon GS, Zuckerman SL. On-Field Signs Predict Future Acute Symptoms After Sport-Related Concussion: A Structural Equation Modeling Study. *J International Society of Neuropsychology*. 2018 May;24(5):476-485. PMID:29387986.
39. Kuhl NO, Yengo-Kahn AM, Burnette H, Solomon GS, Zuckerman SL. Sport-related concussive convulsions: a systematic review. *The Physician and Sportsmedicine*. 2018 Feb;46(1):1-7. PMID: 29280684.
40. Zuckerman SL, Brett BL, Yengo-Kahn AM. Chronic Traumatic Encephalopathy in Football Players. *JAMA*. 2017 Dec 19;318(23):2352. PMID: 29260220.
41. Zuckerman SL, Kelly PD, Dewan MC, Morone PJ, Yengo-Kahn AM, Magarik JA, Baticulon RE, Zusman EE, Solomon GS, Wellons JC 3rd. Predicting Resident Performance from Preresidency Factors: A Systematic Review and Applicability to Neurosurgical Training. *World Neurosurgery*. 2018. Feb;110:475-484. PMID: 29174240
42. Brett BL, Kuhn AW, Yengo-Kahn AM, Kerr ZY, Bonfield CM, Solomon GS, Zuckerman SL. Initial Symptom Presentation After High School Football-Related Concussion Varies by Time Point in a Season: An Initial Investigation. *Sports Medicine Open*. 2018 Jan 31. PMID: 29387986.
43. Pawlukiewicz AJ, Yengo-Kahn AM, Solomon GS. The effect of pre-test exercise on baseline computerized neurocognitive test scores. *Orthopaedic Journal of Sports Medicine*. 2017. Oct 23;5(10). PMID: 29114564.
44. Zalneraitis BH, Yengo-Kahn AM, Pawlukiewicz AJ, Solomon GS. Self-reported history of seizure and baseline neurocognitive test performance in student-athletes: an initial investigation. *The Physician and Sportsmedicine*. 2017. Nov;45(4):470-474. PMID 28838286.
45. Yengo-Kahn AM, Gardner RM, Kuhn AW, Solomon GS, Bonfield CM, Zuckerman SL. Sport-related structural brain injury: three cases of subdural hemorrhage in American high school football. *World Neurosurgery*. 2017. Jul 20. PMID: 28736353. Epub ahead of press.
46. Zuckerman SL, Zalneraitis BH, Totten DJ, Rubel KR, Kuhn AW, Yengo-Kahn AM, Bonfield CM, Solomon GS, Sills AK. Outcomes after Sport-Related Concussion: does socioeconomic status matter? *Journal of Neurosurgery: Pediatrics*. 2017. Mar 24:1-10. PMID: 28338445. Epub ahead of print.
47. Kuhn AW, Zuckerman, SL, Yengo-Kahn AM, Kerr ZY, Totten DJ, Rubel KE, Sills AK Solomon GS. Factors associated with playing through a sport-related concussion. *Clinical Neurosurgery*. 2017. Sep 1;64(CNsupp_1):211-216. PMID: 28899055.
48. Kuhn AW, Yengo-Kahn AM, Kerr ZY, Zuckerman SL. Sport Concussion Research, Chronic Traumatic Encephalopathy and the media: repairing the disconnect. *British Journal of Sports Medicine*. 2016. PMID:27587800. Epub ahead of print.
49. Gardner RM, Yengo-Kahn AM, Bonfield CM, Solomon GS. Comparison of Baseline and Post-Concussion ImPACT Test Scores in Young Athletes with Stimulant-Treated and Untreated ADHD. *The Physician and Sportsmedicine*. 2016. Oct 28: 1-10. PMID: 27736285. Epub ahead of print.
50. Yengo-Kahn AM, Baker CE, Lomis KD. Student Perspectives on Implementing Medical Curriculum Change. *Academic Medicine*. 2017 Apr;92(4):455-461. PMID: 28099177.
51. Yengo-Kahn AM, Zuckerman SL, Stotts J, Zalneraitis BH, Gardner RM, Kerr KY, Solomon GS. Performance Following Concussion Among National Basketball Association Players. *The Physician and Sportsmedicine*. 2016. Sep;44(3) 297-303. PMID:27294806.

52. Zuckerman SL, Totten DJ, Rubel KE, Kuhn AW, Yengo-Kahn AM, Solomon GS. Mechanisms of injury as a diagnostic predictor of sports-related concussion severity in football, basketball, and soccer: Results from a regional concussion registry. *Neurosurgery*. 2016. Aug; 63 Suppl 1:102-112. PMID:27399734.
53. Zuckerman SL, Prather CT, Yengo-Kahn AM, Solomon GS, Sills AK, Bonfield CM. Sport-related structural brain injury associated with arachnoid cysts: a systematic review and quantitative analysis. *Neurosurgical Focus*. 2016 Apr;40(4):E9. doi: 10.3171/2016.1.FOCUS15608. PMID: 27032926
54. Zuckerman SL, Yengo-Kahn AM, Wasserman EB, Covassin T, Buckley T, Solomon GS, Sills AK, Kerr ZY. Predictors of Post-Concussion Syndrome in Collegiate Student-Athletes. *Neurosurgical Focus*. 2016 Apr;40(4):E9. doi: 10.3171/2016.1.FOCUS15593. PMID: 27032916
55. Yengo-Kahn AM, Hale AT, Zalneraitis BH, Zuckerman SL, Sills AK, Solomon GS. The Sideline Concussion Assessment Tool: A Systematic Review. *Neurosurgical Focus*. 2016 Apr;40(4):E9. doi: 10.3171/2016.1.FOCUS15611. PMID: 27032923
56. Zuckerman SL, Kerr KY, Yengo-Kahn AM, Wasserman EB, Covassin T, Solomon GS. Epidemiology of Sports-Related Concussion in NCAA Athletes from 2009/10 to 2013/14: Incidence, Recurrence, and Mechanisms. *American Journal of Sports Medicine*. 2015 Sept 1. Epub ahead of print. PMID: 26330572
57. Yengo-Kahn AM and GS Solomon. Are Psychotropic Medications Associated with Differences in Baseline Neurocognitive Assessment Scores for Young Athletes? A Pilot Study. *The Physician and Sportsmedicine*. 2015 Jul 22. Epub ahead of print: 1-9. PMID: 26200262
58. Yengo-Kahn AM, Johnson DJ, Zuckerman SL, Solomon GS. Concussion in the NFL: A Current Concepts Review. *American Journal of Sports Medicine*. 2015 Apr 21. Epub Ahead of Print. PMID: 25899432

Peer-Reviewed Presentations at Scientific Meetings

1. Yengo-Kahn, AM*, Wellons JC, Hankinson TC et al. Treatment Strategies for Dandy-Walker Malformation-Related Hydrocephalus: Evaluating Procedure Selection and Success Within the Hydrocephalus Clinical Research Network
AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Virtual, December 2020
2. Yengo-Kahn AM*, Akinnsotsu O, Wiseman A, Ghani MO, Shannon CN, Golinko M, Bonfield CM. Sport Participation Following Craniostylosis Correction: A Survey Study.
AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Virtual, December 2020
3. Yengo-Kahn AM, Kelly PD, Patel PD*, Wolfson D, Ahluwalia R, Dawoud F, Bonfield CM, Guillamondegui O. Beyond the Acute-Phase: Estimating Outcomes for Gunshot Wounds to the Head Over the Course of Care.
Congress of Neurological Surgeons Annual Meeting, Miami FL, September 2020 (virtual).
4. Ahluwalia R*, Miller S, Dawoud F, Malave JO, Tyson H, Bonfield CM, Yengo-Kahn AM. A pilot study evaluating the timing of vestibular therapy after sport-related concussion: is earlier better?
Congress of Neurological Surgeons Annual Meeting, Miami FL, September 2020 (virtual).
5. Guidry BS*, Tang AR, Kelly KA, Lan M, Yengo-Kahn AM, Chotai S, Morone PJ, Kelly PD. Statin Use is Associated with Greater Improvement in Chronic Subdural Hematoma Size on Follow-up Scan.
Congress of Neurological Surgeons Annual Meeting, Miami FL, September 2020 (virtual).

6. Tang AR*, Chotai S, Guidry BS, Lan M, Kelly KA, Yengo-Kahn AM, Kelly PD, Morone PJ. Predicting Loss to Follow-up in Surgical Management of Chronic Subdural Hematoma Patients. *Congress of Neurological Surgeons Annual Meeting, Miami FL, September 2020 (virtual)*.
7. Wolfson D, Dawoud F*, Ahluwalia R, Kelly PD, Yengo-Kahn AM. Penetrating Gunshot Wounds to the Head: 10 years of a single institutional experience. *American Association of Neurological Surgeons, Boston MA, April 25-29th, 2020 (virtual)*.
8. Dawoud F*, Feldman MJ, Ahluwalia R, Wolfson D, Roth SG, Kelly PD, Chitale RV, Yengo-Kahn AM. Ten Years of Vascular Injuries Associated with Gunshot Wounds to the Head: a single institution experience. *Southern Neurosurgical Society Annual Meeting, Scottsdale AZ, February 25-29th, 2020*
9. Hibshman N*, Yengo-Kahn AM, Wiseman A, Kelly PD, Shannon CN, Bonfield CM. Physician Influence on Parental Decision to Allow Child Participation in Sports. *Southern Neurosurgical Society Annual Meeting, Scottsdale AZ, February 25-29th, 2020*
10. Yengo-Kahn AM*, Dennis J, Hibshman N, Zuckerman SL, Bonfield CM. Novel Treatments for Post-Concussion Syndrome: Using A Phenome-Wide Association Study (PheWAS) to Generate New Hypotheses in a Pediatric Population. *AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Scottsdale AZ, December 2019*
11. Yengo-Kahn AM*, Mummareddy N, Bezzerides M, Vukovic A, Penrod C, Gannon S, Bonfield CM, Vance EH. Improving Discharge Readiness After Concussion Diagnosis in the Pediatric Emergency Department. *AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Scottsdale AZ, December 2019*
12. Yengo-Kahn AM*, Monk SH, Harris GR, Wu J, Kelly PD, Gannon SR, Shannon CN, Bonfield CM. The Media Influence: How Do Parents Decide Whether to Allow A Child to Participate in Collision Sports. *AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Scottsdale AZ, December 2019*
13. Wolfson D*, Kuhn AW, Yengo-Kahn AM, Brett B, Zuckerman SL. CTE Research in the Public Domain: What Makes the Headlines? *Southern Neurological Society Annual Meeting, Key Largo FL, February 2019*
14. Yengo-Kahn AM*, Brett B, Kuhn AW, Kerr ZY, Solomon GS, Zuckerman SL. Symptom Severity After High School Football-Related Concussion Varies By Time Point In A Season. *Congress of Neurological Surgeons Annual Meeting, Houston TX, October 2018*
15. Yengo-Kahn AM*, Kirby P, Kuhn AW, Mummareddy N, Legarreta A, Dave R, Alcantar A, Solomon GS, Zuckerman SL. Constructing and Implementing a Large Center Concussion Registry: Consideration, Hurdles and Next Steps. *Tennessee Neurological Society, Franklin, TN, August 2018*
16. Yengo-Kahn AM*, Kuhn AW, Brett B, Zalneraitis BH, Ghaly A, Stotts J, Patel R, Gentry W, Oluealw M, Solomon GS, Zuckerman SL. Professional athlete performance decline following concussion: an analysis of three major sports. *American Association of Neurosurgical Surgeons, New Orleans, LA, May 2018*
17. Zuckerman SL*, Brett BL, Kuhn AW, Yengo-Kahn AM, Solomon GS. The Relative Odds Of Sustaining A Sport-Related Concussion: A Study of 12,320 Student-Athletes. *Congress of Neurological Surgeons Annual Meeting, Boston MA, October 2017*

18. Zuckerman SL*, Totten DJ, Rubel KE, Kuhn AW, Yengo-Kahn AM, Solomon GS. Mechanisms of Injury as a diagnostic predictor of sport-related concussion severity in football, basketball, and soccer: results from a regional concussion registry.
Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 2016
19. Zuckerman SL*, Yengo-Kahn AM, Buckley TA, Solomon GS, Sills AK, Kerr ZY, Bonfield CM. Predictors of Post-Concussion Syndrome in Collegiate Student-Athletes. *Southern Neurosurgical Society Annual Meeting, San Antonio TX, March 2-5, 2016*
20. Zuckerman SL, Prather CT, Yengo-Kahn AM*, Solomon GS, Sills AK, Bonfield CM. Sport-related structural brain injury associated with arachnoid cysts: a systematic review and quantitative analysis. *Southern Neurosurgical Society Annual Meeting, San Antonio TX, March 2-5, 2016*
21. Yengo-Kahn AM*, Zuckerman SL, Solomon GS. The Effect of Psychotropic Medications and Psychiatric Illness on the Baseline Neurocognitive Assessment of Young Athletes Using the ImPACT Test Battery: A Pilot Study. PMID:26182043.
Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, September 29, 2015
22. Zuckerman SL*, Wasserman EB, Yengo-Kahn AM, Solomon GS, Kerr KY. Descriptive Epidemiology, Mechanisms, and Symptom Resolution of Concussion Sustained by NCAA Student-Athletes, 2009/10-2013/14 Academic Years. PMID: 26182020.
Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, September 29, 2015.
23. Sathiyakumar V, Yengo-Kahn AM, Kay HF, Cowley RA, Lee YM, Ehrenfeld J, Obremskey WT, Sethi MK*. ASA Score as a Predictor of 90-Day Readmission in Patients with Isolated Orthopedic Trauma Injuries.
American Academy of Orthopaedic Surgeons Annual Meeting – New Orleans, LA. March 11-14, 2014.

Peer-Reviewed Poster Presentations at Scientific Meetings

1. Yengo-Kahn AM*, Feldman MJ, Hale AT, He J, Wang J, Shannon C, Naftel RP, Wellons JC, Bastarache L. Identification of genetic variants associated with intraventricular hemorrhage or prematurity.
AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Scottsdale AZ, December 2019
2. Mummareddy N*, Brett BL, Kuhn AW, Yengo-Kahn AM, Zuckerman SL. The Relationship Between Prior Concussions and Depression is Modified By Somatic Symptomatology in Retired Athletes.
Congress of Neurological Surgeons Annual Meeting, Houston TX, October 2018
3. Zuckerman SL, Kuhn AW, Yengo-Kahn AM, Zalneraitis BH, Totten DJ, Solomon GS, Sills AK. Outcomes after sport-related concussion: does socioeconomic status matter?
5th Meeting of the Concussion in Sport Group, Berlin, Germany, October 2016
4. Zuckerman SL, Kuhn AW, Yengo-Kahn AM, Kerr ZY, Totten DJ, Solomon GS, Sills AK. Age and sport are associated with higher odds of playing through a concussion and delayed removal from play.
5th Meeting of the Concussion in Sport Group, Berlin, Germany, October 2016
5. Gardner RM*, Yengo-Kahn AM, Bonfield CM, Solomon GS. Comparison of Baseline and Post-Concussion ImPACT Test Scores in Young Athletes with Stimulant-Treated and Untreated ADHD.
Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 2016
6. Yengo-Kahn AM, Zuckerman SL, Stotts J, Zalneraitis BH*, Gardner RM, Kerr KY, Solomon GS. Performance Following Concussion Among National Basketball Association Players.

Vanderbilt University Medical Center Annual Research Forum, Nashville, TN, April 14th, 2016

7. Baker CE*, Yengo-Kahn AM, Lomis KD. Student Perspectives and Contributions to Implementing a Revised Medical Curriculum.
Southern Group on Educational Affairs Annual Meeting, Austin, TX, April 13-15th, 2016
Gerald S. Gotterer Health Professions Education Research Day (HPERD), Nashville, TN, October 13th, 2015.
8. Yengo-Kahn AM*, Zuckerman SL, Gentry GS, Patel RD, Kuhn AW, Kerr ZY, Solomon GS. Player Performance After Returning From Concussion in the National Football League (NFL): A Pilot Study.
Vanderbilt University Medical Center Annual Research Forum, Nashville, TN, April 14th, 2016
9. Yengo-Kahn AM*, Hale AT, Zalneraitis BH, Zuckerman SL, Bonfield CM, Sills AK, Solomon GS. The Sideline Concussion Assessment Tool: A Systematic Review.
Vanderbilt University Medical Center Annual Research Forum, Nashville, TN, April 14th, 2016
Southern Neurosurgical Society Annual Meeting, San Antonio, TX, March 2-5th 2016.
10. Yengo-Kahn AM*, Johnson DJ, Zuckerman SL, Solomon GS. Concussion in the NFL: A Current Concepts Review.
Vanderbilt University Medical Center Annual Research Forum, Nashville, TN, April 2nd, 2015.

Book Chapters

1. Yengo-Kahn AM, Reynolds RA, Bonfield CM. "Epidemiology and Management of Pediatric Mild Trauma Brain Injury." *Pediatric Clinics – Pediatric Neurosurgery for the Primary Care Provider*. Elsevier. 2020. (in press)
2. Ahluwalia R, Mummareddy N, Bonfield CM, Yengo-Kahn AM. "Sport-related Traumatic Brain Injury." *eLS* (ebook). Wiley and Sons, 2020. (in press).
3. George D, Tang AR, Bonfield CM, Yengo-Kahn AM. "Sport-Related Concussive Convulsions." *Post-Traumatic Epilepsy*. Ed. Marco Mula. Cambridge University Press, 2020. (in press)
4. Yengo-Kahn AM, Miles ME. "Cervical Spine Fixation with the Halo Brace." *Essentials of Neurointensive Care*. Ed. Hemanshu Prabhakar. Oxford University Press, 2017. (in press)
5. Zuckerman SL, Yengo-Kahn AM, Kuhn AW, Kerr ZY. "Athletic Performance After Sport-Related Concussion." *Concussions in Athletics*. Ed. Eric Hall, Ed. Caroline Ketcham. Hauppauge: Nova Science Publishers, 2017. 211-222. Print.
6. Zuckerman SL, Yengo-Kahn AM, Kuhn AW, Bonfield CM. "Arachnoid cysts and risk of sport-related brain injury." *Arachnoid Cysts*. Ed. Knut Wester. Amsterdam: Elsevier. 2017. Online ahead of print.

Peer Review Activities

Ad hoc Reviewer

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| 2020-present | American Journal of Sports Medicine |
| 2020-present | International Journal of Molecular Sciences |
| 2020-present | Journal of Medical Education and Curricular Development |
| 2020-present | Sports Medicine – Open |
| 2020-present | Teaching and Learning in Medicine |

2018-present British Journal of Sports Medicine

Affiliations/Memberships

2019-2020 American Academy of Pediatrics

2019-Present AANS/CNS Joint Section of Pediatric Neurosurgery

2015-Present American Association of Neurological Surgeons

2015-Present Congress of Neurological Surgeons

2015-Present Alpha Omega Alpha

2015-Present Gold Human Honor Society

2014-Present American Medical Association

2012-2016 American Medical Student Association