

# Gennadiy (Gene) A. Katsevman, M.D.

Neurosurgeon | Fellowship in Minimally Invasive Spine Surgery

Neuroscience and Spine Associates (NASA)  
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## EDUCATION

- Loyola University Chicago Stritch School of Medicine, Maywood, Illinois** **July '10 – May '14**  
Doctor of Medicine with Honors in Bioethics & Professionalism
- Loyola University Chicago, Chicago, Illinois** **Aug '06 - May '10**  
Bachelor of Science: Major Biology, Minors Neuroscience & Psychology  
Bachelor of Arts: Major Philosophy, Minor Bioethics  
Interdisciplinary Honors Program; Graduated Magna Cum Laude, Senior Honors Thesis & High Honors in Biology

## TRAINING

- Fellowship: Minimally Invasive Complex Spine, Barrow Neurological Institute, Phoenix, Arizona** **July '21-June '22**  
Medical Licensure: Arizona #62548
- Residency: West Virginia University, Department of Neurosurgery, Morgantown, West Virginia** **July '14-June '21**  
Medical Licensure: West Virginia License #27090

## MEDICAL EXAMINATIONS

- USMLE Step 1 – Passed June 2012
- USLME Step 2 - Passed October 2013
- USLME Step 3 – Passed September 2014
- ABNS Primary exam – Passed March 2018

## ORGANIZATIONS & SOCIETIES

- Congress of Neurological Surgeons (CNS)
- American Association of Surgeons (AANS)
- North American Spine Society (NASS)
- Lumbar Spine Research Society (LSRS)
- Society for Minimally Invasive Spine Surgery (SMISS)
- Collier County Medical Society (CCMS)
- Phi Beta Kappa Society
- Alpha Epsilon Delta – Pre-medical Honor Society
- National Society of Collegiate Scholars
- Golden Key International Honor Society
- Phi Sigma Tau International Honor Society in Philosophy

## HONORS & AWARDS

- Rockefeller Neuroscience Institute 2018 Trainee Travel Award
- Neurosurgical Society of Virginia's Annual Meeting 2018 – 2<sup>nd</sup> place, clinical research presentation.
- Dean's List Loyola University Chicago (all 8 semesters)
- Presidential Scholarship Loyola University Chicago, Merit-Based (all 8 semesters)
- National Merit Scholarship & Recognition (all 8 semesters)
- Golden Key 2013 Education Debt Reduction Award
- 2009-2010 Pre-Health Award for Undergraduates Pursuing Careers in Health Care
- 2009 John F. Grant, MD, Scholarship Award for Undergraduates Studying Health Care Ethics
- 2009 Outstanding Senior in the Department of Philosophy
- Undergraduate Research Award in Biology
- 1st place prize for the 2009 and 2010 Mellon Award in Philosophy
  - 2009: "Brain Steroids: Ethical Concerns Regarding Cosmetic Neurology and Psychopharmacology"
  - 2010: "Eudaimonia and the Good Life: Aristotle's Criteria for the Highest Good & Their Implications"
- 2006 Automatic Data Processing, Inc. Scholarship

## RESEARCH EXPERIENCE

**Research Assistant, Dr. Douglas Anderson, Loyola University Medical Center, Dept. of Neurosurgery** June '11 – May '14

- Under the mentorship of, performed a retrospective study of the National Trauma Data Bank (NTDB) analyzing the effect of transport mode, time, and destination on the outcomes of patients with traumatic brain injury (TBI). Duties included study design, statistical analysis using SPSS, and manuscript writing.
- Research supported by STAR (Student Training in Approaches to Research) Scholarship.

**Research Assistant, Dr. M. William Rochlin, Loyola University Chicago, Dept. of Biology** May '07 – May '10

- Investigated the role of Eph/ephrin signaling in axon guidance in the rodent gustatory system
- Developed immunostaining protocols and analyzed stained tissue with confocal microscopy. Other responsibilities included general cell biology lab tasks, tissue microdissections and culturing, preparing/cryosectioning tissue, animal care, and training new research assistants.
- Research support: Carbon Undergraduate Research Scholarship (Fall 2008-Spring 2010), Mulcahy Research Scholarship (Spring 2008), Provost Fellowship (Summer 2008).

**Bioethics & Professionalism Honors Program, Stritch School of Medicine, Neiswanger Institute for Bioethics** Jan'13 – May'14

- As part of the capstone project, investigated the prevalence of needlestick injuries and incident reporting among health care professionals in training (i.e., medical/nursing students, residents) at Loyola University Medical Center.
- Identified barriers to injury reporting along with recommendations to improve reporting rates and occupational safety.
- Duties included study design, survey development and administration, data analysis, and manuscript writing.

## PUBLICATIONS

1. **Katsevman GA**, Morgan CD, Uribe JS. Commentary: Lumbar Fixation Using the Cortical Bone Trajectory Fixation: A Single Surgeon Experience With 3-Year Follow-up. *Oper Neurosurg (Hagerstown)*. 2022 Sep 1;23(3):e207-e208. doi: 10.1227/ons.0000000000000346. Epub 2022 Jul 25. PMID: 35972119.
2. **Katsevman GA**, Josiah DT, LaNeve JE, Bhatia S. Endotracheal Tube Electrode Neuromonitoring for Placement of Vagal Nerve Stimulation for Epilepsy: Intraoperative Stimulation Thresholds. *Neurodiagn J*. 2022;62(1):52-63. doi:10.1080/21646821.2022.2022911
3. **Katsevman GA**, Morgan CD, Uribe JS. Commentary: Oblique Lumbar Interbody Fusion From L2 to S1: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2022 Feb 11. doi: 10.1227/ONS.0000000000000105. Epub ahead of print. PMID: 35147588.
4. Morgan CD, **Katsevman GA**, Godzik J, Catapano JS, Hemphill C, Turner JD, Uribe JS. Outpatient outcomes of patients with femoral nerve neuropathy after prone lateral lumbar interbody fusion at L4-5. *J Neurosurg Spine*. 2022 Feb 4:1-4. doi: 10.3171/2021.11.SPINE211289. Epub ahead of print. PMID: 35120313.
5. **Katsevman GA**, Greenleaf W, García-García R, Perea MV, Ladera V, Sherman JH, Rodríguez G. Virtual Reality during Brain Mapping for Awake-Patient Brain Tumor Surgery: Proposed Tasks and Domains to Test. *World Neurosurg*. 2021 Jun 2:S1878-8750(21)00813-5. doi: 10.1016/j.wneu.2021.05.118. Epub ahead of print. PMID: 34089912.
6. **Katsevman GA**, Spencer RD, Daffner SD, Bhatia S, Marsh RA, France JC, Cui S, Dekeseredy P, Sedney CL. Robotic-navigated percutaneous pedicle screw placement has less facet joint violation than fluoroscopy-guided percutaneous screws. *World Neurosurg*. 2021 May 4:S1878-8750(21)00660-4. doi: 10.1016/j.wneu.2021.04.117. Epub ahead of print. PMID: 33962072.
7. **Katsevman GA**, Arteaga D, Razzaq B, Marsh RA. Burr hole Evacuation of an Acute Epidural Hematoma using the Artemis Neuro-evacuation Device with Flexible Endoscopic Visualization: 2-Dimensional Operative Video. *World Neurosurg*. 2021 Mar 16:S1878-8750(21)00389-2. doi: 10.1016/j.wneu.2021.03.021. Epub ahead of print. PMID: 33741544.
8. **Katsevman GA**, Razzaq B, Serrano CA. Hypothalamic Cavernomas: Pediatric Case Report with 8.5-Year Follow-up and Review of the Literature. *World Neurosurg*. 2021 Feb;146:6-13. doi: 10.1016/j.wneu.2020.10.065. Epub 2020 Oct 17. PMID: 33080404.
9. **Katsevman GA**, Brandmeir NJ. Trepanation of the Outer Table as a Treatment for Scalping Injuries: Historical Perspective and Modern Applications. *World Neurosurg*. 2020 Sep 30:S1878-8750(20)32166-5. doi: 10.1016/j.wneu.2020.09.147. Epub ahead of print. PMID: 33010504.

10. **Katsevman GA**, Mariscal G, Barrios C, Domenech-Fernández P, Ziembinski C, Bhatia S. Efficacy and Safety of Anti-Interleukin-17A Monoclonal Antibody Secukinumab in Treatment of Ankylosing Spondylitis: A Meta-Analysis. *Monoclon Antib Immunodiagn Immunother*. 2020 Oct 1. doi: 10.1089/mab.2020.0022. Epub ahead of print. PMID: 33001775.
11. **Katsevman GA**, Daffner SD, Brandmeir NJ, Emery SE, France JC, Sedney CL. Complications of Spine Surgery in "Super Obese" Patients [published online ahead of print, 2020 Sep 1]. *Global Spine J*. 2020;2192568220953393. doi:10.1177/2192568220953393
12. **Katsevman GA**, Allison AA, Fang W, et al. Retrospective Assessment of the Use of Liposomal Bupivacaine in Lumbar Fusions in Immediate Post-operative Hospital Care [published online ahead of print, 2020 Jun 12]. *World Neurosurg*. 2020;S1878-8750(20)31307-3. doi:10.1016/j.wneu.2020.06.049
13. **Katsevman GA**, Sedney CL, Braca Iii JA, Hatchett L. Interdisciplinary differences in needlestick injuries among healthcare professionals in training: Improving situational awareness to prevent high-risk injuries. *Work*. 2020;65(3):635-645. doi:10.3233/WOR-203118
14. Ferrari CS, **Katsevman GA**, Dekeseredy P, Sedney CL. Implications of Drug Use Disorders on Spine Surgery. *World Neurosurg*. 2020;136:e334-e341. doi:10.1016/j.wneu.2019.12.177
15. **Katsevman GA**, Daffner SD, Brandmeir NJ, Emery SE, France JC, Sedney CL. Complexities of spine surgery in obese patient populations: a narrative review. *Spine J*. 2020;20(4):501-511. doi:10.1016/j.spinee.2019.12.011
16. **Katsevman GA**, Harron R, Bhatia S. Shunt-Bronchial Fistula with Coughing Up and Swallowing of Cerebrospinal Fluid: Rare Complication of Ventriculopleural Shunt. *World Neurosurg X*. 2019;5:100065. Published 2019 Nov 1. doi:10.1016/j.wnsx.2019.100065
17. Heiferman DM, Jack MM, Johnson KD, **Katsevman GA**, Prabhu VC, Germanwala AV, Serrone JC. Mercury vs. Water: An Analysis of Multi-Institutional Survey Data Assessing Intracranial Pressure Unit of Measure Awareness. *World Neurosurg*. 2019 Jun 6;. doi: 10.1016/j.wneu.2019.05.238. PMID: 31281108.
18. **Katsevman GA**, Emery E, France JC, Sedney CL. Secondary Discitis Masquerading as Treatment Failure of Primary Discitis: Case Report and Review of the Literature. *Int J Spine Surg*. 2019 Apr;13(2):120-124. doi: 10.14444/6016. eCollection 2019 Apr. PubMed PMID: 31131210
19. Mohammed N, Ding D, Hung YC, Xu Z, Lee CC, Kano H, Martínez-Álvarez R, Martínez-Moreno N, Mathieu D, Kosak M, Cifarelli CP, **Katsevman GA**, et al. Primary versus postoperative stereotactic radiosurgery for acromegaly: a multicenter matched cohort study. *J Neurosurg*. 2019 Apr 26:1-10. doi: 10.3171/2019.1.JNS183398. PubMed PMID: 31026829.
20. **Katsevman GA**, Turner RC, Urhie O, Voelker JL, Bhatia S. Utility of sodium fluorescein for achieving resection targets in glioblastoma: increased gross- or near-total resections and prolonged survival. *J Neurosurg*. 2019 Feb 8;:1-7. PubMed PMID: 30738388
21. **Katsevman GA**, Turner RC, Cheyuo C, Rosen CL, Smith MS. Post-partum posterior reversible encephalopathy syndrome requiring decompressive craniectomy: case report and review of the literature. *Acta Neurochir (Wien)*. 2019 Jan 18;PubMed PMID: 30659351
22. Hou BL, Wen S, **Katsevman GA**, Liu H, Urhie O, et al. Magnetic Resonance Imaging Parameters and Their Impact on the Survival of Patients with Glioblastoma: Tumor Perfusion Predicts Survival. *World Neurosurg*. 2018 Dec 26;PubMed PMID: 30593971.
23. Cordeiro D, Xu Z, Mehta GU, Ding D, Vance ML, Kano H, Sisterson N, Yang HC, Kondziolka D, Lunsford LD, Mathieu D, Barnett GH, Chiang V, Lee J, Sneed P, Su YH, Lee CC, Krsek M, Liscak R, Nabeel AM, El-Shehaby A, Karim KA, Reda WA, Martinez-Moreno N, Martinez-Alvarez R, Blas K, Grills I, Lee KC, Kosak M, Cifarelli NP, **Katsevman GA**, Sheehan JP. Hypopituitarism after Gamma Knife radiosurgery for pituitary adenomas: a multicenter, international study. *J Neurosurg*. 2018 Nov 9;. doi: 10.3171/2018.5.JNS18509. PubMed PMID: 31369225.
24. Ding D, Mehta GU, Patibandla MR, Lee CC, Liscak R, Kano H, Pai FY, Kosak M, Sisterson ND, Martinez-Alvarez R, Martinez-Moreno N, Mathieu D, Grills IS, Blas K, Lee K, Cifarelli CP, **Katsevman GA**, Lee JYK, McShane B, Kondziolka D, Lunsford LD, Vance ML, Sheehan JP. Stereotactic Radiosurgery for Acromegaly: An International Multicenter Retrospective Cohort Study. *Neurosurgery*. 2019 Mar 1;84(3):717-725. doi: 10.1093/neuros/nyy178. PubMed PMID: 29757421; PubMed Central PMCID: PMC6505445

25. **Katsevman GA**, Braca JA 3rd, Sedney CL, Hatchett L. Needlestick injuries among healthcare professionals in training: using the surgical 'time-out' and hand-off protocols to deter high-risk needlesticks. *J Hosp Infect.* 2017 Jan;95(1):103-104. PubMed PMID: 27887756.
26. **Katsevman GA**, Braca JA 3rd, Welch KC, Ashley WW Jr. Delayed Presentation of an Extracranial Internal Carotid Artery Pseudoaneurysm and Massive Epistaxis Secondary to a Nasal Foreign Body: Case Report and Review of the Literature. *World Neurosurg.* 2016 May 14;PubMed PMID: 27188638.
27. **Katsevman GA**, Turner RC, Lucke-Wold BP, Sedney CL, Bhatia S. Osteopathia striata with cranial sclerosis (OSCS): review of the literature and case report demonstrating challenges of spinal fusion after trauma. *Acta Neurochir (Wien).* 2016 Jun;158(6):1115-20. PubMed PMID: 27068044.
28. Treffy RW, Collins D, Hoshino N, Ton S, **Katsevman GA**, et al. Ephrin-B/EphB Signaling Is Required for Normal Innervation of Lingual Gustatory Papillae. *Dev Neurosci.* 2016;38(2):124-38. PubMed PMID: 27035151
29. Braca JA 3rd, Hayward D, **Katsevman GA**; Amport J, Borys E, Nockels RP; Prabhu VC. Aneurysmal Bone Cysts of the Neuraxis Part 2—Management and Follow-up. *Contemporary neurosurgery.* 2014-05;36:1-6.
30. Braca JA 3rd, Hayward D, **Katsevman GA**; Amport J, Borys E, Nockels RP; Prabhu VC. Aneurysmal Bone Cysts of the Neuraxis Part 1—Clinical Presentation and Pathogenesis. *Contemporary neurosurgery.* 2014-05;36:1-5.

### Ad Hoc Reviewer

1. Spine
2. Global Spine Journal
3. Journal of Hospital Infection
4. World Neurosurgery - with Dr. Cara Sedney
5. Journal of Clinical Neuroscience - with Dr. Cara Sedney
6. Clinical Neurology and Neurosurgery - with Dr. Cara Sedney
7. PLOS ONE - with Dr. Cara Sedney
8. Neuromodulation: Technology at the Neural Interface – with Dr. Erich Richter

### PRESENTATIONS

- |   |           |
|---|-----------|
| <b>Multilevel Standalone Lateral Interbody Fusion: Patient Selection and Outcomes</b>   | Feb '22   |
| ▪ AANS/CNS Section on Disorders of the Spine and Peripheral Nerves (oral presentation)  |           |
| <b>Cost Savings with Single-Position Prone Lateral Interbody Fusion: A Matched Case Analysis</b>  | Feb '22   |
| ▪ AANS/CNS Section on Disorders of the Spine and Peripheral Nerves (oral presentation)  |           |
| <b>The Nocebo Effect: Does patient knowledge of hardware failure worsen clinical outcomes?</b>  |           |
| ▪ Spine: Base to Summit 2022 (oral presentation)  | Jan '22   |
| <b>Outpatient Outcomes of femoral nerve neurapraxia after prone lateral lumbar interbody fusion at L4-5</b>   |           |
| ▪ Spine: Base to Summit 2022 (oral presentation)  | Jan '22   |
| <b>Interesting Spine Case Reviews Topic: Sacral Peripheral Nerves Sheath Tumors</b>   |           |
| ▪ Seattle Science Foundation (SSF)  | Aug '21   |
| <b>Robotic-Assisted Percutaneous Pedicle Screw Placement has Less Facet Joint Violation, but No Difference in Accuracy Versus Fluoroscopy-Guided Percutaneous Screw Placement</b> |           |
| ▪ American Association of Neurological Surgeons (AANS) 2021 Annual Meeting (E-poster presentation)  | Aug '21   |
| ▪ Neurosurgical Society of Virginia's (NSV) 2021 Annual Meeting (oral presentation)   | Jan '21   |
| <b>Cervical Arthroplasty: Part II</b>   |           |
| ▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)   | Sept '20  |
| <b>Cervical Arthroplasty</b>  |           |
| ▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)   | April '20 |
| <b>Robotic versus fluoroscopy-guided percutaneous pedicle screw placement: Comparison of screw accuracy and facet joint violation</b>   |           |

▪ West Virginia University Van Liere Research Conference (poster presentation)	April '20
<b>Zero-Profile Versus Traditional Cage-And-Plate ACDF: An Exploration of Re-operation Rate and Cobb Angle in a Larger Patient Cohort</b>	
▪ American Association of Neurological Surgeons (AANS) 2020 Annual Meeting (poster presentation)	April '20
<b>Retrospective Assessment of the Use of Liposomal Bupivacaine in Lumbar Fusions in Immediate Post-operative Hospital Care</b>	
▪ Lumbar Spine Research Society (LSRS) 2020 Annual Meeting (oral presentation)	Nov '20
▪ Congress of Neurological Surgeons (CNS) 2019 Annual Meeting (poster presentation)	Oct '19
<b>Implications of Drug Use Disorders on Spine Surgery</b>	
▪ American Association of Neurological Surgeons (AANS) 2019 Annual Meeting (poster presentation)	April '19
▪ Lumbar Spine Research Society (LSRS) 2019 Annual Meeting (oral presentation)	April '19
▪ West Virginia Clinical and Translational Science Institute Annual Meeting (oral presentation)	April '19
▪ Neurosurgical Society of Virginia's (NSV) 2019 Annual Meeting (oral presentation)	Jan '19
<b>Enhanced Recovery after Surgery (ERAS): Applications to Spine Surgery</b>	
▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)	Jan '19
<b>Complications of Spine Surgery in Super Obese Patients</b>	
▪ Global Spine Congress 2019 Annual Meeting (oral presentation)	May '19
▪ American Academy of Orthopaedic Surgeons (AAOS) 2019 Annual Meeting (oral presentation)	March '19
▪ Lumbar Spine Research Society (LSRS) 2018 Annual Meeting (oral presentation)	April '18
<b>Spine Surgery in Class IV and IV Obese Patients: Outcomes and Surgical Nuances</b>	
▪ American Association of Neurological Surgeons (AANS) 2018 Annual Meeting (oral presentation)	April '18
▪ Neurosurgical Society of Virginia's (NSV) 2018 Annual Meeting (oral presentation)	Jan '18
<b>Spine Metastases</b>	
▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)	Nov '17
<b>Neurosurgical Aspects of Hemorrhagic Stroke</b>	
▪ West Virginia University Hospitals Stroke Fair 2017 (oral presentation)	May '17
<b>Utility of Sodium Fluorescein for Achieving Resection Targets in Glioblastoma Multiforme: The WVU Experience</b>	
▪ Congress of Neurological Surgeons (CNS) 2016 Annual Meeting (poster presentation)	Sept '16
<b>Role of Healthcare Disparities in Management of Spinal Disorders: The West Virginia University Experience</b>	
▪ Congress of Neurological Surgeons (CNS) 2016 Annual Meeting (poster presentation)	Sept '16
<b>Cerebellopontine Angle (CPA) Tumors.</b>	
▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)	March '16
<b>Intracranial Hypertension.</b>	
▪ Trauma Grand Rounds. West Virginia University (oral presentation)	Jan '16
<b>Lambdoid Synostosis.</b>	
▪ Craniofacial Interdisciplinary Conference. West Virginia University (oral presentation)	Nov '15
<b>Cervical Spondylotic Myelopathy.</b>	
▪ Neurosurgery Grand Rounds. West Virginia University (oral presentation)	July '15
<b>Extracranial-Intracranial (EC-IC) Bypass for Atherosclerotic Carotid Artery Occlusion: Past, Present, and Future</b>	
▪ Rush University Medical Center, Department of Neurosurgery (oral presentation)	Aug '13
<b>Hypothalamic Cavernomas: Case report and Review of the Literature</b>	
▪ Stritch School of Medicine, Department of Neurosurgery (oral presentation)	July '13
<b>Deep Brain Stimulation for Refractory Psychiatric Illnesses</b>	
▪ Stritch School of Medicine, Department of Psychiatry (oral presentation)	Feb '13
<b>Skull Base, Vault, and Facial fractures: Analysis of the National Trauma Data Bank</b>	
▪ Stritch School of Medicine, Department of Neurosurgery (oral presentation)	July '11
<b>The Transport and Transfer of Patients with Traumatic Brain Injury (TBI)</b>	
▪ Stritch School of Medicine St. Albert's Day (poster presentation)	Oct '11
▪ Stritch School of Medicine, Department of Neurosurgery (oral presentation)	July '11
<b>Anesthesia Awareness</b>	
▪ Stritch School of Medicine, Department of Anesthesiology (oral presentation)	April '11
<b>Eph/Ephrin signaling during early taste nerve development</b>	
▪ Neuroscience 2009 International Meeting (abstract, poster presentation)	Oct '09
<b>Eph/Ephrin signaling in gustatory epithelium during axon targeting and maturation</b>	
▪ Neuroscience 2009 International Meeting (abstract, poster presentation)	Oct '09
<b>Eph/Ephrin Expression in the Developing and Adult Taste System</b>	

- Association for Chemoreception Sciences (ACheMS) national meeting (abstract, poster presentation) April '09
  - Chicago Area Undergraduate Research Symposium (CAURS) (poster presentation) April '09
- Does Eph/Ephrin Signaling Contribute to the Divergence of Sensory Nerves During Embryonic Development?**
- Loyola University Chicago Undergraduate Research Symposium (poster presentations) April '08, '09, '10
  - Oral Presentation to Loyola Science Faculty, the Carbon scholars, and the Carbon Family May '09
- The Neuroscience of Love**
- Loyola University Chicago, Neuroscience Society (oral presentations) Feb '09 & March '10
- “Brain Steroids: Ethical Concerns Regarding Cosmetic Neurology and Psychopharmacology”**
- Published in *Geist*, Vanderbilt University's Undergraduate Journal of Philosophy (Issue 2, April 2010) and in *Prometheus*, John's Hopkins Undergraduate Journal of Philosophy (Volume 4, Issue 2, December 2010)

## ACTIVITIES & LEADERSHIP

### Fellowship

- AANS/NREF Spinal Deformity Course for Residents - Invited Faculty April 2022
- LSRS Social Media Committee Nov '21-present
- Seattle Science Foundation (SSF) Spine Residents & Fellows Course Aug '21

### Residency

- Congress of Neurological Surgeons (CNS) Residency liaison Apr '16-June '21
- Member, Program Evaluation Committee (PEC) West Virginia University Neurosurgery Residency Program June '16-June '21
- Resident Forum Representative for Department of Neurosurgery July '17-June '21
- Chicago Review Course in Neurosurgery Jan '18
- AANS/NREF Spinal Deformity Course for Residents April '17
- Society of Neurological Surgeons Research Update in Neuroscience for Neurosurgeons (RUNN) Course Oct '16
- Society of Neurological Surgeons Junior Resident Course, PGY2 May '15
- Emergency Neurological Life Support (ENLS) Course March '15
- Society of Neurological Surgeons Fundamentals of Neurosurgery Course, PGY1 July '14
- Advanced cardiovascular life support (ACLS) course July '14

### Medical School

- Teaching Assistant, Gross Anatomy Course Nov '13 – Dec '13
- Vice President, Surgery Interest Group July '11 – April '12
- Anesthesiology Preceptorship Enrichment Program (APEP) & Interest Group Sept '10 – April '11
- Chairperson, Neuroscience Course Student Evaluation Committee April '12
- Committee Member, Surgery and Neurology Clerkships Student Review Panel Feb '13
- Social chair, Stritch School of Medicine Class of 2014 Nov '10 – May '14
- Student Training in Approaches to Research (STAR) May '11 – July '11
- Medical Spanish Club Sept '10 – Dec '10

### Undergraduate

- Neuroscience Society: President ('09-'10), Secretary ('08-'09), Inter-organization Liaison ('07-'08)
- American Medical Student Association (AMSA): Sergeant at Arms ('09-'10), Public Relations Officer ('07-'09), Chair of Neurology, Psychology and Mental Health Committee ('08-'10), Chair of Community and Public Health Committee ('07-'08)
- Student Judicial Board: Chairperson ('08-'09)

## SERVICE

- Volunteer, The Salvation Army Dec '19 – June '21
- International Medical Experience at the First People's Hospital of Changzhou, China Feb '14
  - Worked and observed in the fields of Neurosurgery, Traditional Chinese Medicine, and Acupuncture
- Volunteer at CommunityHealth Clinic, a free clinic serving uninsured, low income adults June '07 – May '14
  - Triageed, performed patient histories and physicals, and assisted at the front desk.
  - Part of Young Professionals Fundraising Committee.
- Volunteer at New Life Volunteering Society (NLVS) Clinic, a free health clinic serving the uninsured Sept '10 – May '14
  - Conducted histories and physicals and presented to attending physicians.
- Global Medical Brigade to Honduras, helping provide healthcare in underserved communities Aug '09 & Jan '10
  - Measured vitals, conducted medical interviews, and educated patients on healthy habits.

- Invisible Conflicts, an organization focused on illuminating conflicts neglected by most Western media Aug '07 – May '08
- Helped publicize and participated in the “IC Plunge” into Lake Michigan in December to raise money for the Dwon Madiki Partnership which funds the education of 20 children in northern Uganda.
- Tutor at Loyola Community Literacy Center Aug '07 - Dec '07
- Taught reading, writing, literacy, and GED skills to native-born and immigrant adult learners.

## **LANGUAGES, HOBBIES & INTERESTS**

Fluent Russian and Conversational Spanish

Sports, especially basketball and football, Fitness, Movies, Food, Travelling, Stocks