

CURRICULUM VITAE

RYAN G. CHIU, B.S.

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EDUCATION

Medical School: University of Illinois College of Medicine (Chicago, IL) 2017-
Doctor of Medicine (M.D.) Candidate, Class of 2021
Clinician Executive Medicine (CE-MED) Program

Undergraduate: University of Illinois at Chicago (Chicago, IL) 2014-2017
Bachelor of Science (B.S.), Political Science
Bachelor of Science (B.S.), Biological Sciences

HONORS/ACCOLADES

- **AMA Foundation Physician of Tomorrow** (\$10,000), *American Medical Association*, 2020
- Founders Graduate Scholarship (\$4,000), *Phi Kappa Psi Foundation*, 2019
- Outreach Leader, *American Medical Association – Medical Student Section*, 2019
- John Conley Ethics Essay Award (\$5,000), *AMA Journal of Ethics*, 2018
- Second prize (\$300) & finalist, Chicago Committee on Trauma Paper Competition, 2018
- C.M. Craig Fellowship (\$2,500), University of Illinois College of Medicine, 2018
- Honorable mention, UIC College of Medicine Research Forum, 2018
- UIC Impact Scholarship for High-Impact Research, University of Illinois at Chicago, 2017
- Clinician Executive Medicine (CE-MED) Fellow, University of Illinois at Chicago, 2017
- Phi Beta Kappa, inductee, 2017
- John Echols Memorial Award for Best Paper in Public Policy (\$1,000), 2017
- Graduated *summa cum laude*, 2017

MEMBERSHIPS

American Association of Neurological Surgeons
American Medical Association
Committee on Scientific Issues, 2019-
Member, JAMA Medical Student Leadership Group, 2019-2020
Chapter President and Alternate Delegate, 2018-2019
Chair, Region 2 Committee on Legislation and Advocacy, 2018-2019
Member, Region 2 Committee on Legislation and Advocacy, 2018

Chicago Medical Society
Congress of Neurological Surgeons
Congress of State Neurosurgical Societies
Illinois State Medical Society
Chair, Medical Student Section, 2020-
Vice Chair, Medical Student Section, 2019-2020
Secretary/Editor, Medical Student Section, 2018-2019
Medical Legal Council, 2018-

Illinois State Neurosurgical Society
Joint (AANS/CNS) Section on Spine and Peripheral Nerves

PEER-REVIEWED PUBLICATIONS

1. Chiu RG, Khalid SI, Nunna RS, Siddiqui N, Behbahani M, Mehta AI. Locum Tenens Neurosurgery in the United States: a Medicare Claims Analysis of Outcomes, Complications and Cost of Care. *World Neurosurgery*. 2020. Accepted manuscript.
2. Chiu RG, Siddiqui N, Fuentes AM, Zhu A, Patel S, Behbahani M, Mehta AI. Early versus Late Surgical Intervention for Central Cord Syndrome: a Nationwide All-Payer Analysis of Length of Stay, Discharge Destination and Cost of Care. *Clinical Neurology and Neurosurgery*. 2020. doi: 10.1016/j.clineuro.2020.106029
3. Chiu RG, Mehta AI. Spinal Metastases. *JAMA*. 2020. doi:10.1001/jama.2020.0716
4. Chiu RG, Parola R, Nallani A, Glastris G, Siddiqui N, Bheri A, Shah M, Behbahani M, Mehta AI. Correlates of Google Search Rankings for Spine Surgeons: An Analysis of Academic Pedigree, Social Media Presence, and Patient Ratings. *Spine*. 2020. doi: 10.1097/BRS.0000000000003567
5. Mehta AI and Chiu RG. COVID-19 Non-Essential Surgery Restrictions and Spine Surgery: a German Experience. *Spine*. 2020. doi: 10.1097/BRS.0000000000003571
6. Chiu RG, Onyewuenyi A, McGuire LS, Mehta AI. Neurosurgical Implants and Interactions of Airport Metal Detectors: A Review. *Journal of Clinical Neuroscience*. doi: 10.1016/j.jocn.2020.05.012
7. Chiu RG, Murphy BE, Zhu A, Mehta AI. Racial and ethnic disparities in the inpatient management of primary spinal cord tumors. *World Neurosurgery*. 2020. doi: 10.1016/j.wneu.2020.04.231
8. Chiu RG, Siddiqui N, Mehta AI. For-Profit Hospitals and Neurosurgery. *World Neurosurgery*. 2020. doi: 10.1016/j.wneu.2019.12.141
9. Chiu RG, Siddiqui N, Rosinski CL, Nallani A, Parola R, Behbahani M, Mehta AI. Effect of MRI on Surgical Approach and Outcomes in the Management of Subaxial Cervical Fractures. *World Neurosurgery*. 2020. doi: 10.1016/j.wneu.2020.02.060
10. Chiu RG, Murphy BE, Rosenberg DM, Zhu AQ, Mehta AI. Association of For-Profit Hospital Ownership Status with Intracranial Hemorrhage Outcomes and Cost of Care. *Journal of Neurosurgery*. 2019. doi: 10.3171/2019.9.JNS191847
11. Rosinski CL, Patel S, Geever B, Chiu RG, Chaker AN, Zakrzewski J, Rosenberg DM, Parola R, Shah K, Behbahani M, Mehta AI. A Retrospective Comparative Analysis of Titanium Mesh and Custom Implants for Cranioplasty. *Neurosurgery*. 2020. doi: 10.1093/neuros/nyz358
12. Chiu RG, Fuentes A, Mehta AI. Gunshot wounds to the head: racial disparities in inpatient management and outcomes. *Neurosurgical Focus*. 2019. doi: 10.3171/2019.8.FOCUS19484
13. Chiu RG, Patel S, Zhu A, Aguilar E, Mehta AI. Endoscopic Versus Open Laminectomy for Lumbar Spinal Stenosis: An International, Multi-Institutional Analysis of Outcomes and Adverse Events. *Global Spine Journal*. 2019.
14. Rosinski CL, Chaker AN, Zakrzewski J, Geever B, Patel S, Chiu RG, Rosenberg DM, Parola R, Shah K, Behbahani M, Mehta AI. Autologous Bone Cranioplasty: A Retrospective Comparative Analysis of Frozen and Subcutaneous Bone Flap Storage Methods. *World Neurosurgery*. 2019. doi: 10.1016/j.wneu.2019.07.139
15. Chiu RG. When There's No One to Whom an Error Can Be Disclosed, How Should an Error Be Handled? *AMA Journal of Ethics*. 2019;21(7):E553-558. doi: 10.1001/amajethics.2019.553
Recipient of 2018 AMA John Conley Ethics Award

16. Chiu RG, Xia Y, Sharp LK, Gerber BS. Do community health workers affect non-urgent, ambulatory healthcare utilization among low-income, minority patients with diabetes?. *Journal of Clinical and Translational Endocrinology*. 2019;16:100184. doi: 10.1016/j.jcte.2019.100184
17. Ngo CQ, Chiu RG, Chu HT, et al. Correlated Factors with Quitting Attempts Among Male Smokers in Vietnam: A QUITLINE-Based Survey. *International Journal of Environmental Research and Public Health*. 2018;16(1). doi: 10.3390/ijerph16010084
18. Chiu RG, Hobbs J, Esfahani DR, Patel S, Rosenberg D, Rosinski CL, Patel AS, Chaker AN, Mehta AI. Anterior Versus Posterior Approach for Thoracic Corpectomy: An Analysis of Risk Factors, Outcomes, and Complications. *World Neurosurgery*. 2018;116:e723-e732. doi: 10.1016/j.wneu.2018.05.074
19. Selner AN, Rosinski CL, Chiu RG, Rosenberg D, Chaker AN, Drammeh H, Esfahani DR, Mehta AI. Vagal Nerve Stimulation for Epilepsy in Adults: A Database Risk Analysis and Review of the Literature. *World Neurosurgery*. 2019;121:e947-e953. doi: 10.1016/j.wneu.2018.10.043
20. Bhimani AD, Chiu RG, Esfahani DR, Patel AS, Denyer S, Hobbs JG, Mehta AI. C1-C2 Fusion Versus Occipito-Cervical Fusion for High Cervical Fractures: A Multi-Institutional Database Analysis and Review of the Literature. *World Neurosurgery*. 2018;119:e459-e466. doi: 10.1016/j.wneu.2018.07.182
21. Bhimani AD, Selner AN, Esfahani DR, Chiu RG, Rosinski CL, Rosenberg D, Mudreac A, Diamond RJ, Almadidy Z, Mehta AI. Intracranial Electrode Placement for Seizures Before Temporal Lobectomy: A Risk-Benefit Analysis. *World Neurosurgery*. 2019;121:e215-e222. doi: 10.1016/j.wneu.2018.09.079
22. Bhimani AD, Esfahani DR, Denyer S, Chiu RG, Rosenberg D, Barks AL, Arnone GD, Mehta AI. Adult Chiari I Malformations: An Analysis of Surgical Risk Factors and Complications Using an International Database. *World Neurosurgery*. 2018;115:e490-e500. doi: 10.1016/j.wneu.2018.04.077.

ORAL PRESENTATIONS

1. Chiu RG, Bassiri-Tehrani B, Atencio D, Daniele E, Zhao L, Patel PK. "Perception is Reality: The Impact of Orthognathic Surgery on Attractiveness and Personality – A Pilot Study." *Midwest Association of Plastic Surgeons Annual Meeting* (Lake Geneva, WI: Jun 2020 – cancelled due to COVID-19 pandemic)
2. Chiu RG, Siddiqui N, Zhu A, Patel S, Behbahani M, Mehta AI. "Early versus Late Surgical Intervention for Central Cord Syndrome: A Nationwide All-Payer Cost-Benefit Analysis." *American Association of Neurological Surgeons* (Boston, MA: Apr 2020 – cancelled due to COVID-19 pandemic)
3. Chiu RG, Murphy BE, Rosenberg D, Zhu A, Mehta AI. "Association of For-Profit Hospital Status with Intracranial Hemorrhage Outcomes and Cost of Care." *Congress of Neurological Surgeons* (San Francisco, CA: Oct 2019)
4. Chiu RG, Zhu A, Zhao JW, Mehta AI. "Gender Disparities in the Ambulatory Management of Post-Laminectomy Syndrome." *Congress of Neurological Surgeons Annual Meeting* (San Francisco, CA: October 2019)
5. Chiu RG, Murphy BE, Rosenberg D, Zhu A, Mehta AI. "Association of For-Profit Hospital Status with Intracranial Hemorrhage Outcomes and Cost of Care." *Illinois State Neurosurgical Society Annual Meeting* (Aug 2019)
6. Chiu RG, Murphy BE, Zhu A, Mehta AI. "Racial and Ethnic Disparities in the Inpatient Management of Primary Spinal Cord Tumors." *Illinois State Neurosurgical Society Annual Meeting* (Aug 2019)

7. **Chiu RG**, Hobbs J, Esfahani DR, Patel S, Rosenberg D, Rosinski CL, Patel AS, Chaker AN, Mehta AI. "Anterior vs Posterior Approach for Thoracic Corpectomy: an Analysis of Risk Factors, Outcomes, and Complications" *Chicago Committee on Trauma (CCOT) Medical Students Paper Competition* (May 2018)

POSTER PRESENTATIONS

1. **Chiu RG**, Siddiqui N, Nunna RS, Behbahani M, Mehta AI. "Locum Tenens Neurosurgery: A Nationwide All-Payer Appraisal Of Patient Outcomes, Complications And Cost of Care." *American Association of Neurological Surgeons Annual Meeting* (Boston, MA: April 2020).
2. **Chiu RG**, Fuentes M, McGuire LS, Mehta AI. "Basilar Skull Fracture Etiologies And Complications: An Epidemiological Analysis Of Socioeconomic Disparities." *American Association of Neurological Surgeons Annual Meeting* (Boston, MA: April 2020).
3. **Chiu RG**, Siddiqui N, Rosinski CL, Nallani A, Parola R, Behbahani M, Mehta AI. "Effect Of MRI On Surgical Approach And Outcomes In The Management of Subaxial Cervical Fractures." *American Association of Neurological Surgeons Annual Meeting* (Boston, MA: April 2020).
4. Siddiqui N, **Chiu RG**, Parola R, Glastris G, Behbahani M, Mehta AI. "Predictors of Google Search Rankings For Spine Surgeons: An Analysis of Academic Pedigree, Social Media Presence And Patient Ratings." *American Association of Neurological Surgeons Annual Meeting* (Boston, MA: April 2020).
5. Curran N, **Chiu RG**, Micallef CJ, Ellis MF. "Etiologies of Mandibular Fracture and Socioeconomic Disparities: An Epidemiological Analysis" *UIC College of Medicine Research Symposium* (Chicago, IL: Nov 2019)
6. Ryoo JS, Rosenberg D, Shah P, Patel S, Patil S, Rosinski CL, Mudreac A, Mehta AI, Fuentes A, Geever BW, **Chiu RG**, Zhu A, Chaker AN, Barrington N. "Delayed Restart of Antithrombotic Therapy and Rates of Adverse Events in Subdural Hematomas." *Congress of Neurological Surgeons Annual Meeting* (San Francisco, CA: October 2019)
7. **Chiu RG**, Zhu A, Zhao JW, Mehta AI. "Opioid disparities in the post-operative management of post-laminectomy syndrome." *National Collaborative for Education to Address the Social Determinants of Health, 2019 Annual Meeting* (Chicago, IL: May 2019)
8. **Chiu RG**, Patel S, Zhu A, Aguilar E, Mehta AI. "Endoscopic versus Open Decompression of Lumbar Spinal Stenosis: An International, Multi-Institutional Analysis" *Lumbar Spine Research Society 2019 Annual Meeting* (Chicago, IL: April 2019)
9. **Chiu RG**, Geever BW, Rosinski CL, Patel S, Selner AN, Chaker AN, Patel AS, Bhimani AD, Wonais MC, Arnone GD, Kumar P, Mehta AI. "Timing of restarting antiplatelet therapy following primary diagnosis of intracerebral hemorrhage does not affect thirty-day adverse events" *American Association of Neurological Surgeons Annual Meeting* (San Diego, CA: April 2019).
10. Rosinski CL, Geever BW, **Chiu RG**, Patel S, Chaker AN, Zakrzewski J, Parola R, Shah K, Rosenberg D, Behbahani M, Mehta AI. "Analysis of the Timing of VPS Placement in Patients Receiving Cranioplasty." *American Association of Neurological Surgeons Annual Meeting* (San Diego, CA: April 2019).
11. Rosenberg D, Rosinski CL, Geever BW, Patel S, **Chiu RG**, Chaker AN, Zakrzewski J, Parola R, Shah K, Behbahani M, Mehta AI. "Cranioplasty Using Synthetic Polymers is More Frequently Infected than Cranioplasty Using Titanium." *American Association of Neurological Surgeons Annual Meeting* (San Diego, CA: April 2019).
12. Rosinski CL, Chaker AN, Zakrzewski J, Geever BW, Patel S, **Chiu RG**, Rosenberg D, Parola R, Shah K, Behbahani M, Mehta AI. "Autologous Bone Cranioplasty: A Retrospective Comparison of Frozen and

Subcutaneous Storage Methods.” *American Association of Neurological Surgeons Annual Meeting* (San Diego, CA: April 2019).

13. **Chiu RG**, Xia Y, Sharp LK, Gerber BS. “Impact of Community Health Promoters on Management of Type II Diabetes among African-American and Hispanic Patients” *American Medical Association Research Symposium* (National Harbor, MD; November 2018).
14. Rosenberg D, Rosinski CL, Geever B, Patel S, **Chiu R**, Chaker A, Zakrzewski J, Parola R, Shah K, Behbahani M, Mehta AI. “Cranioplasty Using Synthetic Polymers is More Frequently Infected than Cranioplasty Using Titanium.” *College of Medicine Research Symposium* (Chicago, IL: November 2018).
15. Rosinski CL, Chaker AN, Zakrzewski J, Geever B, Patel S, **Chiu R**, Rosenberg D, Parola R, Shah K, Behbahani M, Mehta AI. “Autologous Bone Cranioplasty: A Retrospective Comparison of Frozen and Subcutaneous Bone Flap Storage Methods.” *College of Medicine Research Symposium* (Chicago, IL: November 2018).
16. **Chiu RG**, Xia Y, Sharp LK, Gerber BS. “Impact of Community Health Promoters on Management of Type II Diabetes among African-American and Hispanic Patients” *College of Medicine Research Symposium* (Chicago, IL: November 2018).
17. **Chiu RG**, Mehta AI. “De novo oligodendroglioma arising from a site of previous ischemic stroke with hemorrhage conversion.” *College of Medicine Research Symposium* (Chicago, IL: November 2018).
18. **Chiu RG**, Hobbs J, Esfahani DR, Patel S, Rosenberg D, Rosinski CL, Patel AS, Chaker AN, Mehta AI. “Anterior vs Posterior Approach for Thoracic Corpectomy: an Analysis of Risk Factors, Outcomes, and Complications” *Congress of Neurological Surgeons Annual Meeting* (Houston, TX: October 2018)
19. Bhimani AD, Esfahani DR, Denyer S, **Chiu RG**, Rosenberg D, Barks AL, Arnone GD, Mehta AI. (2018). “Adult Chiari I Malformations: An Analysis of Surgical Risk Factors and Complications using an International Database” *Congress of Neurological Surgeons Annual Meeting* (Houston, TX: October 2018)
20. Bhimani AD, **Chiu RG**, Esfahani DR, Patel AS, Denyer S, Mehta AI. (2018). “C1-C2 fusion versus occipitocervical fusion for high cervical fractures” *Chicago Committee on Trauma (CCOT) Medical Students Paper Competition* (Maywood, IL: May 2018)
21. **Chiu RG**, Kos N, Patel K. “Management of the Oculocardiac Reflex in Pediatric Strabismus Surgery.” *UIC Mentors Program Poster Symposium* (Chicago, IL: March 2018)
22. Mascarinas WET, Zhu LJ, **Chiu R**, Principe DR, Adrian K, Grippo PJ. “Mechanisms of Action that Define Opposing Effects of Omega-3 & 6 Fatty Acids in Pancreatic Neoplasia” *American Pancreatic Association Annual Meeting* (Miami, FL; November 3, 2013).

RESEARCH EXPERIENCE

JAMA Student Leadership Group, JAMA Network (Jun 2019 – Jun 2020)

Supervisor: Edward Livingston, MD, FACS

- Member of the inaugural class of medical student scholars selected to work with the editorial staff of the JAMA publications in improving the journals’ web and social media presence
- Wrote and published a JAMA Patient Page regarding treatment options for spinal metastases

Department of Neurosurgery, University of Illinois at Chicago (Dec 2017 – present)

PI: Ankit I. Mehta, MD, FAANS

- Conducted clinical research on perioperative outcomes following surgical intervention for degenerative, traumatic, and oncological spinal pathologies

- Researched the impact of socioeconomic factors (e.g. racial and gender disparities) and medico-legal issues (e.g. certificate-of-need laws, locum tenens neurosurgery) on neurosurgical care

Department of Internal Medicine, University of Illinois at Chicago (Jun – Aug 2018)

PI: Ben S. Gerber, MD, MPH

- Conducted a randomized controlled trial evaluating the efficacy of community health workers in management of patients with type II diabetes
- Supported financially by the University of Illinois College of Medicine's C.M. Craig Fellowship

Bloomberg School of Public Health, Johns Hopkins University (Jun 2018 – Dec 2019)

In partnership with Bach Mai Hospital (Hanoi, Vietnam)

PIs: Bach X. Tran, Ph.D., Quang Nguyen, D.Phil.

- Studied the epidemiology and management of neuropathic pain, tobacco use, and HIV/AIDS in urban and rural populations in Vietnam

Department of Radiology, Kaiser Permanente Los Angeles Medical Center (Jun – Dec 2018)

PI: George Vatakencherry, MD

- Assisted in the writing of a systematic review for medical students in understanding landmark trials within the field of neuro-interventional radiology regarding aneurysm treatment

WORK EXPERIENCE

Founder and Creator, PimpQuestions.com (Apr 2020 – present), -5 hours per week

- PimpQuestions.com is a crowdsourced online repository of user-submitted questions commonly asked to medical students in the operating room (referred to colloquially by surgeons as “pimp questions”)

Founder and Creator, NeurosurgeryImplants.com (Jun 2020 – present), -5 hours per week

- Internet portal containing up-to-date, user- and industry-submitted information for patients and physician providers regarding the compatibility of neurosurgical implants with metal detectors and other devices
- Based on Chiu RG, Onyewuenyi A, McGuire LS, Mehta AI. Neurosurgical Implants and Interactions of Airport Metal Detectors: A Review. *Journal of Clinical Neuroscience*. doi: 10.1016/j.jocn.2020.05.012

Podcast Head, UncleHarvey.com (Jun 2020 – present), -8 hours per week

- Oversaw the creation of a biweekly neurosurgery journal club podcast targeted to a medical student audience
- UncleHarvey.com is an online forum and amalgamation of resources for current and aspiring neurosurgeons, residents, and medical students. Examples of resources include advising/consulting services for residency and medical school applications, employment forums, billboard for research position openings, podcasts and book recommendations

Chief Technology Officer, Illinois.com, Inc. (Mar 2016 – May 2020), -10 hours per week

- Oversaw the creation of the Illinois.com website as an online hub for Illinois travel and tourism information
- Designed an email identity system whereby individuals and businesses can purchase subscriptions to @illinois.com e-mail addresses and [name].illinois.com subdomains
- Led a team consisting of web developers, software engineers and consultants
- Sold in May 2020 to Brent Oxley

Student Brand Ambassador, Kaplan Medical, Kaplan, Inc. (Jul 2018 – present), -2 hours per week

- Paid representative for Kaplan Medical in promoting preparation materials for the USMLE, clinical shelf exams, and pre-clinical coursework

Software Engineering Consultant, Topcoin LLC (Apr 2016 – Aug 2017), -40 hours per week

- Developed and maintained Internet pages for Topcoin LLC
- Assisted in establishment of a new digital currency (Topcoin) based on blockchain technologies

Senior Technology Consultant, Raise Marketplace, Inc. (May – Aug 2015), -40 hours per week

- Oversaw the incorporation of de-centralized digital currencies into the payment system of Raise, an application that allows users to exchange gift cards for a cash equivalent

Director of Mobile Applications, The Chicago Sun-Times (May – Aug 2014), -40 hours per week

- Designed and created the newspaper's first iPhone/iOS phone application

PATENTS, INNOVATIONS, AND TRADEMARKS

- Method of Pharmacological Delivery in Spinal Fusion, Provisional Patent
- Blockchain Payment Verification System, Patent Pending, Patent Application No. 14/791,781
- Chicago.surgery™
- Illinois.com™
- *.Illinois™ (dot Illinois) geographic top-level domains (GeoTLDs)
- *.Chicago™ (dot Chicago) GeoTLDs

VOLUNTEER EXPERIENCE

Reviewer, *Global Spine Journal* (Aug 2019 – present)

-2 hours per week

Standardized Patient for COVID-19 Training, Illinois Department of Public Health (Apr – May 2020)

-8 hours per week

- Assisted physicians in the Chicago area in improving their recognition of suspected COVID-19 symptomatology by volunteering as a standardized patient

Clinical and Research Volunteer, Bach Mai Hospital System (Hanoi, Vietnam) (Jun 2018 – Dec 2019)

-40 hours per week (summer, in Vietnam)

-10 hours per week (remote research)

- Organized and assisted in the conduction of needle exchange and smoking cessation programs in rural Vietnamese clinics
- Piloted and researched the efficacy of innovative forms of these programs
- Ceased after outbreak of COVID-19 pandemic

Medical Tent Volunteer, 2018 Chicago Marathon (Oct 2018)

- 8 hours

- Evaluated patients with marathon-related injuries, heat stroke, and dehydration

Asian Pacific American Medical Student Association, Health Fairs, Aug 2017 – Nov 2019

-5 hours per month

- Participated in the healthcare maintenance of uninsured or underinsured patients in Chicago's Chinatown and Argyle Street neighborhoods

New Life Volunteering Society Free Clinic, Aug 2017 – Sep 2019

- 6 hours per month

- Participated in the healthcare maintenance of uninsured or underinsured patients in a predominantly South Asian patient population in Chicago's North Side

ADVOCACY AND POLICY WORK

Resolutions:

1. Siddiqui N, **Chiu RG**, Ghamsari F. *Increased Patient Access to Online Immunization Records*. (2020). Illinois State Medical Society Policy Digest.
2. Siddiqui N, **Chiu RG**, Issa T, Keni, P. *Increasing All-Payer Coverage of Vaccines*. (2020). Illinois State Medical Society Policy Digest.
3. **Chiu RG**, Hom M. *Reducing the Cost of Centers for Medicare and Medicaid Services Limited Data Sets for Academic Use*. (2019). American Medical Association-Medical Student Section Digest of Policy Actions.
4. Magrath J, **Chiu RG**, Palmer P, Reddy R, Lee D, Morcos D, Pavuluri H, Wase S, Hom M. *Ethics and Security of Brain-Computer Interfaces*. (2019). American Medical Association-Medical Student Section Digest of Policy Actions.
5. Lee D, **Chiu RG**, Farber O. *National Guidelines for Guardianship*. (2018). American Medical Association-Medical Student Section Digest of Policy Actions.
6. Sohl B, Chammaa M, Kineish A, Lalk K, Moses T, Quaal H, Wilson J, **Chiu RG**, Foster H, Huynh P, Shpilberg J. *Oppose Mandated Reporting of People Who Question Their Gender Identity*. (2018). American Medical Association-Medical Student Section Digest of Policy Actions.

Health Policy Reports, Briefs and Commentary:

1. MSS Committee on Scientific Issues and Committee on Health Information Technology. *Improving Research Standards, Approval Processes, and Post-market Surveillance Standards for Medical Devices*. (2020).

CLINICAL/PROFESSIONAL INTERESTS

- Neuro-oncology
- Functional neurosurgery
- Spine and peripheral nerves
- Surgical innovation, medical software/device development
- Socioeconomic and medico-legal issues in neurosurgery
- Medical education

HOBBIES AND ACTIVITIES

- Road trips, and travelling in general
- Historical and dystopian fiction movies, shows and books
- Chess (competitive/tournament player, former member of Illinois high school state championship team)
- Biking (leisurely)
- Country music