

CURRICULUM VITAE
JOAQUÍN Q. CÁMARA-QUINTANA



EDUCATION

	Spine Fellowship, Brown University, Rhode Island Ziya Gokaslan, MD Rhode Island Hospital	2020 (anticipated)
	Yale New Haven Hospital Neurosurgery Residency	2019
	Enfolded Spine Fellowship Khalid Abbed, MD Yale New Haven Hospital	2015-16
M.D.	Stanford University School of Medicine, Stanford, California Molecular Basis of Medicine Scholarly Concentration	2013
B.S.	The Johns Hopkins University, Baltimore, Maryland University Honors Honors in Molecular and Cellular Biology Latin American Studies Minor	2006

HONORS

National Hispanic Health Foundation- 2010 Annual Hispanic Health Professional Student Scholarship	2010
Lambda Epsilon Mu- The Johns Hopkins University Latino Premedical Honor Society	2006
The National Dean's List	2006
Alpha Epsilon Delta- The Johns Hopkins University Premedical Honor Society	2005
Beta Beta Beta- The Johns Hopkins University Biological Honor Society	2005

T. Rowe Price College Fund of Maryland Nationwide Scholarship 2004

RESEARCH AWARDS

Michael Apuzzo Research Award 2018
HHMI Research Training Fellowship for Medical Students, Stanford University School of Medicine, Department of Genetics and Developmental Biology, Scott Lab
Medical Scholars Research Grant (proposal #10209). Stanford University SOM, Department of Genetics and Developmental Biology, Matthew Scott Lab Spring 2008- Summer 2010
NABTT-NIH Post-Baccalaureate Research Supplement in Neurosurgery (to U01 CA62474). The Johns Hopkins School of Medicine, Department of Neurosurgery June 2006- July 2007

RESEARCH

Clinical research in the Department of Neurosurgery, Stanford University School of Medicine, CA Summer 2008-
Research in the Department of Genetics and Developmental Biology-Dr. Matthew Scott, Stanford University School of Medicine, CA Winter 2007-
Research in the Department of Neurosurgery, Brain Tumor Stem Cell Laboratory- Dr. Alfredo Quiñones-Hinojosa, Johns Hopkins School of Medicine, MD 2005-2007
Research in the Department of Cellular Biology-Dr. Trina A. Schroer, JHU, MD 2004-2005
Clinical Case Study Investigations in the Department of Neurological Surgery-Dr. Alfredo Quiñones-Hinojosa and Dr. René O. Sanchez-Mejía, University of California, San Francisco, CA 2003-2005
Heart Lung & Blood Summer Research Internship, Department of Neurosurgery-Dr. Marc J. Simard, University of Maryland, Baltimore School of Medicine, MD June 2003 - Aug 2003
Clinical Case Study Investigations in the Department of Neurosurgery-Dr. Ira M. Garonzik and Dr. Carlos A. Bagley, Johns Hopkins School of Medicine, MD 2002-2005

LEADERSHIP POSITIONS

SUMMA Recruitment Committee (Stanford Underrepresented Minority Medical Alliance), SOM (Stanford University School of Medicine) Admissions, Stanford, CA 2008-
Regional MSR (Medical Student Representative) LMSA (Latino Medical Student Association), SOM, Stanford, CA 2008-
CHE (Chicanos/Latinos in Health Education) Liaison, LMSA, SOM, Stanford, CA 2008-
NSIG (Neurosurgery Interest Group) President, SOM, Stanford, CA 2008-
Founder and President of Lambda Epsilon Mu Honor Society-Latino Pre-medical Honor Society, Johns Hopkins, MD 2006
Vice President of Beta Beta Beta Honor Society-Biological Honor Society, Johns Hopkins, MD 2005-2006
Chief of Transportation Vice President, MSV (Multi-Cultural Student Volunteers), Admissions, Johns Hopkins, MD 2005-2006
Recruitment Vice President, MSV, Admissions, Johns Hopkins, MD 2004-2005
Recruitment Chair, OLÉ (Organización Latina Estudiantil), Johns Hopkins, MD 2003-2004
Freshman Representative, OLÉ, Johns Hopkins, MD 2002-2003

EXTRACURRICULAR ACTIVITIES

SUMMA Conference Planning Committee, Stanford SOM, CA	2008, 2009
Founded Adelante Mentoring Program, Stanford University, Stanford, CA	2008
College Track East Palo Alto, Speaker and Mentor, East Palo Alto, CA	2008
Stanford School of Medicine Interviewer, Stanford SOM, CA	2008-2010
KIPP (Knowledge Is Power Program) mentor, San Jose, CA	2008-20010
SMYSP (Stanford Medical Youth Science Program) mentor, Stanford, CA	Summer 2008
NSIG member, Stanford SOM, Stanford, CA	2008-
SUMMA mentor, SOM, Stanford, CA	2007-
LMSA (Latino Medical Student Association) member, SOM, Stanford, CA	2007-
SNMA (Student National Medical Association) member, SOM, Stanford, CA	2007-2009
Admissions Representative, Admissions, Johns Hopkins, MD	2005-2006
Programa Carrera Mentor, East Baltimore, MD	2005
MAPP (Mentoring Assistance Peer Program) Mentor, Office of Multicultural Student Affairs, Johns Hopkins, MD	2005-2006
Blue Key Tour Guide Society, Admissions, Johns Hopkins, MD	2004-2006
BSU (Black Student Union) member and Newsletter Committee, Johns Hopkins, MD	2004-2006
SALUD member, Johns Hopkins, MD	2004-2005
Created class entitled <i>Introduction to Latin American Film 360.135</i> , Fall, JHU, MD	2003
SNMA (Student National Medical Association) Undergraduate member, JHU, MD	2003-2005
Minority Pre-Health Conference committee member and organizer, JHU, MD	2003-2005
HOPE (Hopkins Organization for Pre-Medical Education) member, JHU, MD	2002-2004
MSV member, Admissions, Johns Hopkins, MD	2002-2006
EBLO (Education Based Latino Outreach) tutor, Baltimore, MD	2002-2005
OLÉ member, Johns Hopkins, MD	2002-2006

WORK HISTORY

Laboratory Assistant for a Cellular Biology, Johns Hopkins University School of Medicine, Baltimore, MD	2002-2004
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OUTSIDE INTERESTS

- Mentoring
- Soccer
- Black & White Photography

PEER-REVIEWED PUBLICATIONS

1. Elsamadicy AA, Koo AB, Lee M, Freedman IG, David W, Kundishora AJ, Gorrepati R, Kuzmik GA, **Camara-Quintana J**, Qurehsi T, Kolb L, Laurans M, Abbed K. "Patient risk factors associated with 30- and 90- day readmission after primary cervical

- arthroplasty (CDA) or anterior cervical decompression and fusion (ACDF): A nationwide readmission database study” (*Submitted, JNS spine 2019*)
2. Elsamadicy AA, Freedman IG, Koo AB, Lee M, Kundishora AJ, **Camara-Quintana J**, Gorrepati R, Kuzmik GA, Qurehsi T, Kolb L, Laurans M, Abbed K. “Postoperative Transfusion in Independently associated with increased healthcare utilization after multilevel spinal fusion for adult spine deformity correction” (*Submitted, JNS Spine 2019*)
 3. **Camara-Quintana J**, Sommaruga S, Nouri A, Patel K, Panchagnula S, Robinson MW, Virojanapa J, Sun X, Melkinov F, Schaller K, Tomak P, Abbed K, Gunel M, Cheng J, “*Clinic outcomes between stand-alone zero-profile spacers and cervical plate with cage fixation for anterior cervical diskectomy and fusion: a retrospective analysis of 166 patients*” (*Submitted to JNS Spine, 2019*)
 4. Reduced Influence of Affective Disorders on Perioperative Complication rates, length of stay and healthcare costs following spinal fusion for adolescent idiopathic scoliosis” (*accepted, JNS peds, 2019*)
 5. Elsamadicy AA, Charalambous L, Adil S, Kundihosra AJ, **Camara-Quintana J**, Abbed K, Karikari IO. *Reduced influence of affective disorders on 6-week and 3-month narcotic refills after primary complex spinal fusions for adult deformity correction: a single instutional study*” (*accepted to World Neurosurgery, 2019*)
 6. Elsamadicy AA, Koo AB, Kundishora AJ, Foud C, Lee M, Hengartner AC, **Camara-Quintana J**, Kahle KT, and DiLunda M. “*Impact of patient and hospital-level risk factors on extending length of stay following spinal fusion for adolescent idiopathic scoliosis*” (*accepted, Journal of Neurosurgery: Pediatrics, 2019*)
 7. Hong CS, **Camara-Quintana J**, Kundishora AJ, DiLuna ML, Kahle KT. “*Spinal subdural hematoma in pediatric non-accidental trauma*” (*in press, Neurology 2019*)
 8. Elsamadicy AA, **Camara-Quintana J**, Kundishora AJ, Lee M, Freedman IG, Long A, Karikari IO. “*Rate of instrumentation changes on postoperative and follow-up radiographs after primary complex spinal fusion (five or more levels) for adult deformity correction*” (*in Press, World Neurosurgery 2019*)
 9. Elsamadicy AA, **Camara-Quintana J**, Kundishora AJ, Laurans M, Tomak P, Karikari IO. “*Reduced impact of obesity on short-term surgical outcomes, patient reported pain scores and 30-day readmission rates after complex spinal fusion (>7 levels) for adult deformity correction*” (*accepted, World Neurosurgery 2019*)
 10. Elsamadicy AA, Charalambous L, Sergesketter A, Adil s, Drysad E, Williamson T, **Camara-Quintana J**, Karikari IO. “*Intraoperative ketamine may increase risk of post-operative delirium after complex spinal fusion for adult deformity correction*” (*accepted, Journal of Spine Surgery, 2019*)
 11. Montejo J, **Camara-Quintana JQ**, and Diluna M. “*Tubular approach to minimally invasive microdisectomy for pediatric lumbar disc herniation: series of 12 patients with 2-year follow up*” (*in press, Journal Neurosurgery Pediatrics, November, 2017*)
 12. Choudri O, Lober RM, **Camara-Quintana J**, Yeom KW, Guzman R, Edwards MS. “*Carbon dioxide laser for corpus callosotomy in the pediatric population*”. (March 2015, *Journal of Neurosurgery Pediatrics*)
 13. Chaichana KL, Pendleton C, Chambless L, **Camara-Quintana J**, Nathan J, Hassam-Malani L, Li G, Harsh GR IV, Thompson RC, Lim M, and Quinones-Hinojosa A. “*Multi-Institutional Validation of Pre-Operative Scoring System which Predicts Survival for Patients with Glioblastoma*”. (October 2013, *Journal of Clinical Neuroscience*)”.
 14. Veeravagu A, Lad SP, **Camara-Quintana JQ**, Jiang B, and Shuer L. “*Spondyloepiphyseal Dysplasia (SED) Congenita: Neurosurgical Interventions*”. (2013, *World Neurosurgery*).

15. Veeravagu A, **Camara-Quintana JQ**, Choudhri O, Shuer L, and Steinberg GK. "Stanford University School of Medicine: Our Neurosurgical Heritage". (2013, *Neurosurgery*)
16. Lim M, Bower RS, Wang Y, Bower MR, **Camara-Quintana J**, Li G, Cheshier S, Harsh GR, Steinberg GK, and Guccione S. "The Predictive Value of Serum Myeloperoxidase for Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage". (2013, *Neurosurgical Review*)
17. Chaichana K, Zamora-Berridi G, **Camara-Quintana J**, and Quinones-Hinojosa A. "Neurosphere Assays: Growth Factors and Hormone Differences in Tumor and Non-tumor Studies." (August 2006, *Stem Cells*)
18. Bagley CA, Pindrik JA, **Camara-Quintana JQ**, and Carson BS. "Cervicomedullary Decompression For Foramen Magnum Stenosis in Achondroplasia." (March 2006, *Journal of Neurosurgery Pediatrics*)
19. Sanchez-Mejia RO, Limbo M, Cheng JS, **Camara J**, Ward MM, and Barbaro NM. "Recurrent or Refractory Trigeminal Neuralgia after Microvascular Decompression, Radiofrequency Ablation, or Radiosurgery." (May 2005, *Neurosurgical Focus*)

ABSTRACTS

1. *Hong CS, Camara-Quintana J, Kundishora AJ, DiLuna ML "surgical management of extreme long-segment spine epndymomas in neurofibromatosis type 2" SNO conference 2018*
2. Camara-Quintana JQ, Sommaruga S, Nouri A, Abbed K, Tomak P, and Cheng, J. "Clinical outcomes between stand-alone and zero-profile implant versus cervical plate fixation with cages in single and multilevel anterior cervical discectomy and fusion: an institutional analysis of 170 patients". EANS, Venice, Italy, 2017
3. Sommaruga S, Camara-Quintana JQ, Nouri A, Abbed K, Tomak P, and Cheng, J. "Clinical outcomes between stand-alone and zero-profile implant versus cervical plate fixation with cages in single and multilevel anterior cervical discectomy and fusion: an institutional analysis of 170 patients". New England Neurosurgical Society annual meeting, 2017
4. Camara-Quintana JQ, Montejo J, and Diluna M. "Tubular approach to minimally invasive microdiscectomy for pediatric lumbar disc herniation: series of 12 patients with 2-year follow up" New England Neurosurgical Society annual meeting, 2016
5. **Camara-Quintana JQ**, Batra S, and Rigamonti D. "Surgery for Brainstem Cavernous Malformation: A meta-analysis on outcomes" International Stereotactic Radiosurgery Society and Congress Exhibition, Abstract presented by Dr. Rigamonti, Paris, France, May, 2011.
6. **Camara-Quintana JQ**, Batra S, and Rigamonti D. "Surgery for Brainstem Cavernous Malformation: A meta-analysis on outcomes" Angioma Alliance CCM scientific workshop, Abstract presented by Dr. Rigamonti, Washington D.C., Nov, 2010.
7. **Camara-Quintana JQ**, Batra S, and Rigamonti D. "Radiosurgery for Brainstem Cavernous Malformation: A meta-analysis" Angioma Alliance CCM scientific workshop, Abstract presented by Dr. Rigamonti, Washington D.C., Nov, 2010.
8. **Camara-Quintana JQ**, Lopez M, Klein A, and Scott MP. "In vivo co-immunoprecipitation of Niemann-Pick type C1 binding factors". Howard Hughes Medical Institute, Poster presentation, Bethesda, MD, 2010.
9. **Camara-Quintana JQ**, Lopez M, Klein A, and Scott MP. "Piecing together the function of cholesterol binding 13-transmembrane protein NPC1 domain by domain". Stanford Developmental Biology Meeting, Poster Presentation, Monterey, CA, 2009.

10. **Camara-Quintana JQ**, Quinones-Hinojosa A, Zamora-Birridi G, and Gonzalez-Perez O. "CD133 Expressing Astrocytes in the Adult Human Brain: From the SVZ to the Cortex of Non-cancer Patients" Congress of Neurological Surgeons Meeting, Poster Presentation, Baltimore, MD, 2006.

BOOK CHAPTERS

1. **Camara-Quintana JQ** and Li G. Pathology: Commonly Monitored Markers: EGFR, EGFRvIII, PTEN, and MGMT. Issue: Modern Management of High Grade Glioma. Neurosurgery Clinics of North America (*submitted*).
2. Engelmann R, Batra S, **Camara-Quintana J**, & Rigamonti D. Epidemiology and classification of vascular malformations. Cavernous Malformations of Brain, 1st Edition- Cambridge University Press (*In Press*).
3. Batra S, Crain B, Engelmann R, Angela L, **Camara-Quintana J**, & Rigamonti D. Pathology of Cavernous Malformations. Cavernous Malformations of Brain, 1st Edition- Cambridge University Press (*In Press*).