

ERIC TAMRAZIAN

CURRICULUM VITAE:

EDUCATION:

- 01/2009-04/2013 M.D. St. George's University School of Medicine
- 09/2003-6/2005 M.A. in Graduate Medical Sciences
Boston University School of Medicine
- 09/1996-07/2001 Bachelors of Science Degree in Bio-Psychology
Minor in Exercise and Health
UNIVERSITY OF CALIFORNIA, SANTA BARBARA

JOB EXPERIENCE:

- 07/2018-prsnt **HARBOR/UCLA DEPT OF NEUROLOGY:**
TITLE: NEUROLOGY RESIDENT
- 08/2017-prsnt **OCEAN MEDICAL FAMILY AND URGENT CARE:**
TITLE: Provider
As a provider at an urgent care, I treat all aspects of sub-acute conditions such as fractures, infections and day to day occurrences.
- 06/2017-07/2018 **HARBOR UCLA/LA BIOMED: Dept. of Neurology:**
TITLE: Research Associate IV:
I was involved in coordinating prospective studies studying the differences in cerebral aneurysm with respect to their inflammatory components. I am also involved in running animal trials with surgical models of aneurysms and seeing whether anti-inflammatory agents can have on remodeling and stabilizing effect on cerebral aneurysms. Currently also involved in a RCT studying effects of NAC in acute strokes.
- 07/2015-07/2017 **HARBOR/UCLA GENERAL SURGERY**
TITLE: PRELIMINARY PGY1-2 RESIDENT
- 01/2014-06/2015 **HARBOR/UCLA DEPT OF SURGERY:**
TITLE: Research Fellow
As a research fellow I conducted 6 retrospective studies with the dept of surgical oncology and dept of Trauma.
- 03/2013-12/2013 **UCLA Orthopaedic Surgery Research Institute:**
TITLE: Research Fellow
As a research fellow, I conducted biomechanical research on thoracic spine motion.
- 06/2013-prsnt **Yo San University**
TITLE: Professor of Medicine
As professor of medicine, I teach courses in subjects such as oncology, **neuroscience**, cardiovascular and respiratory medicine with clinical cases to graduate students.

- 05/2013-11/2013 **HARVARD MEDICAL SCHOOL**
 TITLE: RESEARCH FELLOW
 As a research fellow in the dept of orthopedic surgery, I was working on developing a model to predict pathological bone fractures. My duties include developing fracture models based on compressive, shear and tensile forces and running statistical analysis in configuration of threshold levels of bone fractures.
- 05/2006-12/2008 **MUSCULAR THERAPY INSTITUTE:**
 TITLE: Instructor of Physiology, Anatomy & Pathology.
- 10/2005-11/2008 **HARVARD MEDICAL SCHOOL/MASS GEN. HOSP.**
 TITLE: Research Associate III. **DEPT. OF Neurology**
- 07/2002-8/2003 **DOHENY EYE INSTITUTE.** (Dept of Pathology)
 TITLE: Research Associate III.
- 10/1999-06/2001 **UCSB NEUROSCIENCE INSTITUTE**
 TITLE: Research Associate/Technician.

VOLUNTEER EXPERIENCE (MEDICAL FIELD):

- BOSTON UNIVERSITY MEDICAL CENTER:**
 09/2003-01/2004 Volunteer in the Dept of Reconstructive Surgery:
- SANTA BARBARA COTTAGE HOSPITAL:**
 07/2001-09/2001 Volunteer in the Cardiology Dept.
 11/1999-10/2001 Volunteer in the Emergency Room.

INTERNATIONAL VOLUNTEER EXPERIENCE:

- 07/1999-09/1999 **REPUBLIC OF ARMENIA/ Artsakh Province**
 Volunteered at village clinic:
- 07/1998-08/1999 **REPUBLIC OF ARMENIA/Artsakh Province**
 Volunteered in reconstruction of school:

PUBLICATIONS:

- 1) Overexpression of the wild-type SPT1 subunit lowers desoxysphingolipid levels and rescues the phenotype of HSAN1. Eichler FS, Hornemann T, McCampbell A, Kuljis D, Penno A, Vardeh D, Tamrazian E, Garofalo K, Lee HJ, Kini L, Selig M, Frosch M, Gable K, von Eckardstein A, Woolf CJ, Guan G, Harmon JM, Dunn TM, Brown RH Jr. **J.Neurosci.** 2009 Nov 18;29(46):14646-51.
- 2) Insect GDNF:TTC fusion protein improves delivery of GDNF to mouse CNS. Li J, Chian RJ, Ay I, Kashi BB, Celia SA, Tamrazian E, Pepinsky RB, Fishman PS, Brown RH Jr, Francis JW. **Biochem Biophys Res Commun.** 2009 Dec 18;390(3):947-51.
- 3) IGF-1:tetanus toxin fragment C fusion protein improves delivery of IGF-1 to spinal cord but fails to prolong survival of ALS mice. Chian RJ, Li J, Ay I, Celia SA, Kashi BB, Tamrazian E, Matthews JC, Bronson RT, Rossomando A, Pepinsky RB, Fishman PS, Brown RH Jr, Francis JW. **Brain Res.** 2009 Sep 1;1287:1-19. Epub 2009 Jun 27.
- 4) Recombinant GDNF: tetanus toxin fragment C fusion protein produced from insect cells. Li J, Chian RJ, Ay I, Celia SA, Kashi BB, Tamrazian E, Matthews JC, Remington MP, Pepinsky RB, Fishman PS, Brown RH Jr, Francis JW. **Biochem Biophys Res Commun.** 2009 Jul 31;385(3):380-4. Epub 2009 May 22.
- 5) Mutations in the FUS/TLS gene on chromosome 16 cause familial amyotrophic lateral sclerosis. Kwiatkowski TJ Jr, Bosco DA, Leclerc AL, Tamrazian E, Vanderburg CR, Russ C, Davis A, Gilchrist J, Kasarskis EJ, Munsat T, Valdmanis P, Rouleau GA, Hosler BA, Cortelli P, de Jong PJ, Yoshinaga Y, Haines JL, Pericak-Vance MA, Yan J, Ticozzi N, Siddique T, McKenna-Yasek D, Sapp PC, Horvitz HR, Landers JE, Brown RH Jr. **Science.** 2009 Feb 27;323(5918):1205-8.
- 6) Dopaminergic amacrine cells in the inner nuclear layer and ganglion cell layer comprise a single functional retinal mosaic. Eglén SJ, Raven MA, Tamrazian E, Reese BE. **J Comp Neurol.** 2003 Nov 17;466(3):343-55.
- 7) ATF3 expression improves motor function in the ALS mouse model by promoting motor neuron survival and retaining muscle innervation. Seiffers R, Zhang J, Matthews JC, Chen A, Tamrazian E, Babaniyi O, Selig M, Hynynen M, Woolf CJ, Brown RH Jr. **Proc Natl Acad Sci U S A.** 2014 Jan 28;111(4):1622-7.
- 8) Challenging the Conventional Standard for Thoracic Spine Range of Motion: A Systematic Review". Eric Tamrazian, MD, Sean Borkowski, MS, Sophia SanGiorgio, PhD, Eddie Ebramzadeh, PhD. *Joint, Bone & Surgery Reviews*, 2016;4(4):e5
- 9) Carvedilol as a potential chemotherapeutic and cancer preventive agent through its inhibition of PARP-1 Aaron M. McMurtray, M.D., Ph.D.^{2,3,4} Shaneli Jain¹; Sean Ekins, Ph.D.;³ Eric Tamrazian, M.D.² *The New Armenian Medical Journal* Volume.12 (2018) , N o 4, p . 24-28.

- 10) Quality of life differences between African Americans and Hispanic Americans with multiple sclerosis. Diamond Garcia, Jason Ledesma, Kristen Berube, Sarah Valdez, Eric Tamrazian & Bijal Mehta. Multiple Sclerosis and Demyelinating Disorders. 4, Article number: 1 (2019) p1-4.
- 11) The Effects of Serotypes and Route of administration on Transduction efficiency for AAV-Mediated Gene Delivery to the CNS. Tamrazian E, Benn S, O'riorDan C and Brown, jr Rh. The New Armenian Medical Journal. Volume 13. 3(2019), p72-81.
- 12) Dysphagia and Tongue Deviation: A Rare Case of Collett-Sicard Syndrome after Blunt Head Trauma. Tamrazian E, Mehta B. Neurol Int. 2020 Dec 21;12(3):136-139. doi: 10.3390/neurolint12030019.

THESIS WORK: “Parkinson’s Disease and Dyskinesia” by Eric Tamrazian. Thesis advisors: 1) Jean-Jacques Soghomonian, Ph.D Associate Professor of Anatomy and Neurology. 2) Deborah W. Vaughan, Ph.D. Professor of Anatomy and Neurobiology. BOSTON UNIVERSITY SCHOOL OF MEDICINE.

CONFERENCES/POSTER PRESENTATIONS:

1. My work as a Co-Author from UCSB was presented as a poster presentation at the National Neuroscience Conference. July 2001. San Diego California.
2. My work as a Co-Author from Doheny Eye Institute was presented as a poster presentation at the ARVO (Association of Research in Vision and Ophthalmology), Miami, 2003: “Peroxynitrite Generation by Resident Retinal Microglia in Experimental Autoimmune Uveitis”. **Eric Tamrazian**, Shinji Ito, Guey-Shuang Woo, and Narsinga Rao. Doheny Eye Inst. and Dept of Ophthalmology, USC Keck School of medicine, Los Angeles, California.
3. Orthopedic Research Society meeting, Las Vegas, Nevada, February 2015. Is There a Norm for Thoracic Spine ROM. Eric Tamrazian, MD, Sean Borkowski, MS, Sophia SanGiorgio, PhD, Eddie Ebramzadeh, PhD.
4. Therapeutic Effects of Intraspinal delivery of Adeno-associated HIF-1alpha in SOD1 ALS mouse models. Harvard Medical School, Mass. General Hospital, Dept of Neurology & Neurosurgery Research. Boston Ma, November 2009.

5). DOES COMPLIANCE WITH THE SURGICAL MANAGEMENT OF TRAUMATIC BRAIN INJURY GUIDELINES RESULT IN IMPROVED OUTCOMES? Dennis Y. Kim MD, Eric Tamrazian MD, Allen Rodriguez BS, Angela Neville* MD, Brant Putnam* MD, David S. Plurad* AAST, September 2015, poster presentation

6) Dysphagia and Tongue Deviation: A Rare Case of Collette-Sicard Syndrome after Blunt Head Trauma. Eric Tamrazian, Bijal Mehta. Harbor-UCLA Medical Center, Torrance, USA.. The American Society of Neuroimaging. February 4-6, 2018

7) Abducens Nerve Palsy and Vision Loss secondary to Chester-Erdheim Disease. Yuen, C, Kelsey J, Tamrazian E, Adler, M. American Association of Neurology (AAN), Toronto Ontario, February 2020.

8) Delayed Internal Carotid Dissection after Roller Coaster ride: Potential role of SMAD-4 and SKI gene variants as causative factors. Eric Tamrazian, Bijal Mehta, Agnes Chen, Megan M. Langille, Eduard Panosyan and Moran Gotesman. Child Neurology Society meeting, San Diego, Ca. October 2020.

ORAL PRESENTATIONS:

7) Quick Shot Presentation at Southwestern Surgical Congress: EFFECT OF EMPIRIC ANTIBIOTICS ON THE DEVELOPMENT OF EARLY ONSET PNEUMONIA IN TRAUMA PATIENTS WITH SUSPECTED ASPIRATION
Eric Tamrazian MD, Allen Rodriguez BA, Alexander Chen BS, James Maciel MD, Ashkan Moazzez MD MPH, David S. Plurad MD, Brant Putnam MD, Dennis Y. Kim MD. Coronado, California, April 3-6, 2016

8) Podium Presentation: Southern California chapter of American College of Surgeons: EXPLORING THE ROLE OF ANTIBIOTICS, DEBRIDEMENT AND TIMING OF OR ADMISSIONS OF GUN SHOT WOUNDS TO THE EXTREMITIES. Eric Tamrazian MD, Ashkan Moazzez MD, MPH, David Plurad MD, Dennis Y. Kim MD, Southern California Chapter, American College of Surgeons, January 20-22, 2017, Santa Barbara, California

AWARDS:

- 1) MERITORIOUS AWARD granted by Dr. Carl Franzblau (dean of students at Boston University School of Medicine, Graduate Medical Sciences) on Masters Thesis, titled " Parkinson's Disease and Dyskinesia."
- 2) Geoffrey H. Bourne Scholarship recipient. St. George's University, School of Medicine
- 3) Dean's list. St. George University School of Medicine.
- 4) Outstanding Orthopedic Surgery Research Award. UCLA Orthopedic Institute.
- 5) Harbor UCLA Dept of Neurology Annual Research Award, 2019
- 6) Los Angeles Neurological Institute Research Award, 2018

Languages Spoken: English, Armenian, Farsi, French.