

## CURRICULUM VITAE

**Name:** Tsai, Eugene Y., M.D.

**Personal History:** 8635 W. Third Street, Suite 990W  
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DOB: September 9<sup>th</sup>, 1983  
Place of Birth: Santa Monica, CA  
Citizenship: USA  
Married

### Education:

2005 B.A. in Economics with minor in Religion, Northwestern University

2010 M.D., Columbia University College of Physicians and Surgeons

### Postdoctoral Training

2010 – 2011 Internship-General Surgery Case Western Reserve University School of Medicine/ University Hospitals Case Medical Center

2011 – 2014 Residency- Orthopaedic Surgery Case Western Reserve University School of Medicine/ University Hospitals Case Medical Center

2014 – 2015 Chief Resident- Orthopaedic Surgery Case Western Reserve University School of Medicine/ University Hospitals Case Medical Center

2015 – 2016 Fellowship- Hand & Upper Extremity Surgery Tufts Medical Center/New England Baptist Hospital

**Medical Licensure:** California, #142027

**Radiology and Fluoroscopy Xray Supervisor Licensure:** RHD00200228

### Board Certification:

2018 American Board of Orthopaedic Surgery – Board Certified

### Professional Experience:

#### Present Position:

2016 – Present Hand and Upper Extremity Surgeon Cedars-Sinai Medical Center

## **Professional Activities:**

### **Appointments**

- 2018 – Present Assistant Professor of Orthopaedic Surgery Cedars-Sinai Medical Center
- 2015 – 2016 Clinical Associate in Orthopaedic Surgery Tufts University School of Medicine

### **Professional Associations & Scholarly Societies**

- 2011 – Present American Association of Orthopaedic Surgeons – Candidate Member
- 2013 – Present Alpha Omega Alpha Honor Medical Society – Lifetime Member
- 2013 – Present American Society for Surgery of the Hand – Candidate Member
- 2014 – 2017 American Orthopaedic Association’s Emerging Leaders Program, Member

### **Honors / Awards:**

- Summer 2002 Tsinghua University (Beijing, China) – Completed Northwestern University’s ‘China – Emerging Legal and Economic Structures’ Program
- 2002 - 2005 Chemistry and Physics Workshop Facilitator
- 2004 Northwestern Undergraduate Research Grant
- 2005 Endocrine Society Summer Research Fellowship
- 2007 – 2008 P&S Musicians’ Guild – Chairperson
- 2011 – 2015 Case Medical School Orthopaedic Interest Group Resident Advisor
- 2013 Alpha Omega Alpha Honor Medical Society – Resident Inductee
- 2013 – 2015 Residency Education Committee/Program Evaluation Committee – Elected Member
- 2013 – 2015 Case Western Orthopaedic Residency Recruitment Committee – Founder and Leader
- 2014 American Orthopaedic Association Resident Leadership Forum – Nominee
- 2014 – Present American Orthopaedic Association’s Emerging Leaders Program – Member
- 2015 Carter Makley Award for Clinical Excellence, Resident Teaching, Mentorship, and Leadership – Awardee

2015 Mid-America Orthopaedic Association Education Grant – Awardee

2016 Cedars-Sinai Medical Group Patient Satisfaction Award

### **Research Projects & Research Focus or Interest:**

Summers 2003 – 2005 Investigated the therapeutic targeting of growth factor and estrogen receptor signaling pathways in human non-small cell lung cancer, under Dr. Richard Pietras, UCLA, Geffen School of Medicine, Department of Hematology and Oncology.

Summer 2003 Analyzed various measures of cognitive function in epilepsy patients over the past 30 years, under Dr. Rebecca Rausch, UCLA, Geffen School of Medicine, Department of Neurology.

2013-2014 Radius, lunate, capitate anatomy as it pertains to proximal row carpectomy  
Analyzed various measures including the radius of curvature of the lunate facet, lunate, and capitate in 297 specimens from the Hamann-Todd Collection at the Cleveland Museum of Natural History as it relates to proximal row carpectomy. Performed background research, gathered data, supervised medical students, and wrote the manuscript, under Dr. James Robert Anderson, University Hospitals Case Medical Center, Hand and Upper Extremity Division.

2013-2015 AAOS Appropriate Use Criteria for Distal Radius Fractures as a Level 1 Trauma Center  
Studied the treatment of the distal radius fractures at Metrohealth Medical Center from 2012-2013 as it relates to the AAOS' recently published Appropriate Use Criteria application, testing its applicability to a major urban level 1 trauma center. Performed background research, gathered clinical data, supervised medical students, and wrote the manuscript, under Dr. Blaine Todd Bafus, Metrohealth Medical Center, Department of Orthopaedics, Hand and Upper Extremity Service.

2015-2016 Racial Discrepancies in the Management of Distal Radius Fractures  
Studied the racial discrepancies in the utilization of operative treatment for distal radius fractures with a particular focus on differences between Caucasian patients and Asian patients. Performed background research, gathered clinical data, supervised medical students, and presented results, under Dr. Charles Cassidy, Tufts Medical Center, Department of Orthopaedics, Hand and Upper Extremity Service.

### **Community Service**

Summer 2011 Tzu Chi Foundation (Hualian, Taiwan)  
Lived in a monastery in a rural and impoverished area of Taiwan, volunteering at a free hospital, interacting with patients on the orthopaedic ward.

Summer 2007      Himalayan Health Exchange  
Travelled with a team of doctors and medical students providing basic medical care to rural villages in the Himalayas along the borders of India/Pakistan and India/China.

**Teaching / Mentoring Activities:**

- 2002-2005      Chemistry and Physics Workshop Facilitator, Northwestern University, Searle Center for Teaching Excellence  
Taught weekly workshops for Northwestern general chemistry and physics students emphasizing deeper exploration of concepts and small group collaborative learning.
- 2005-2006      Americorps\*VISTA  
Designed the curriculum and trained teachers for a Summer Math and Science Academy for the University of California Office of the President's "Academic Centers of Excellence" which were centers for high schoolers in low income areas throughout California, aimed at promoting the academic competitiveness of these students to help them achieve higher education.
- 2017              Supervising Weekly Conferences with Cedars-Sinai Orthopaedic Residents and USC Plastic Surgery Residents reviewing AAOS Core Curriculum for hand surgery
- 2017              Weekly Hand Case Presentations with Cedars-Sinai Orthopaedic Residents and USC Plastic Surgery Residents in Conjunction with the other Cedars-Sinai hand surgeons as well as hand surgeons from Kerlan-Jobe and SMOG
- 2018              Hand Bootcamp  
Developed and taught a half day course for Cedars-Sinai Orthopaedic Surgery Residents including lectures, a splinting/casting workshop, and cadaveric dissection and demonstration.

**Lectures / Presentations:**

**Educational Lecture**

1. "Trigger Finger, Ganglion, and CMC Arthritis," Tenth Annual Conference on Office Orthopaedics: The Essentials of Non-Operative Musculoskeletal Care, Cedars-Sinai Medical Center, May 2017.

**Grand Rounds**

1. "Distal Femur Fractures," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, July 2011.
2. "Child Abuse," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, September 2011.
3. "Gunshot Wounds," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, November 2011.

4. "Thoracolumbar Spine Trauma," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, December 2011.
5. "Adult Forearm Fractures," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, October 2012.
6. "Flexor Tendon Injuries," Metrohealth Medical Center Department of Orthopaedics Grand Rounds, June 2013.

### **Visiting Professor Case Presentations**

1. "A Case of Leg Length Discrepancy and Fibular Hemimelia," Rainbow Visiting Professor Program, Case Western Reserve University, April 2013.
2. "A Case of Chronic Patellar Instability in a Child," Rainbow Visiting Professor Program, Case Western Reserve University, April 2014.
3. "A Case of Lumbar Stenosis Secondary to Degenerative Scoliosis and Spondylolisthesis in a Frail and Elderly Patient," Bohlman Visiting Professor Program, Case Western Reserve University, May 2014.

### **Podium Presentations**

1. Tsai EY, Iglesias RA, Morris W, Anderson JR. Anatomic study of the lunate fossa, proximal lunate, and proximal capitate as it relates to proximal row carpectomy. Mid-America Orthopaedic Association Annual Meeting; 2015 April 23; Hilton Head Island, South Carolina.
2. Kyriakedes J, Tsai EY, Yu CC, Hoyen HA, Malone K, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level One Trauma Center. Ohio Orthopaedics Society Annual Meeting; 2015 May 15; Columbus, Ohio.
3. Tsai EY, Kyriakedes J, Yu CC, Hoyen HA, Malone K, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level One Trauma Center. Scott R. Inkley Distinguished Visiting Professor Presentation; 2015 June 2; Cleveland, Ohio.
4. Kyriakedes J, Tsai EY, Yu CC, Hoyen HA, Malone K, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level One Trauma Center. Accepted as one of the top eight papers to the 70<sup>th</sup> Annual Meeting of the American Society for Surgery of the Hand; 2015 September 10; Seattle, Washington.
5. Kyriakedes J, Tsai EY, Yu CC, Hoyen HA, Malone K, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level One Trauma Center. Awarded 2nd Place at the Cleveland Orthopaedic Society Resident Essay Contest; 2016 February 6; Cleveland, Ohio.
6. Tsai EY, Cassidy C. Racial Discrepancies in the Treatment of Distal Radius Fractures. 2016 Thibodeau "Tibby Days" Lecture; 2016 June 9; Boston, Massachusetts.

## **Poster Presentations**

1. Yu CC, Kyriakedes J, Tsai EY, Hoyen HA, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level 1 Trauma Center. MetroHealth Research Day. Cleveland, Ohio, September 2014.
2. Tsai EY, Antonchak M, Wang M, Tybor D, Wei DH, Cassidy C. Racial Discrepancies in the Treatment of Distal Radius Fractures. 13th Annual New England Baptist Hospital Research Symposium. Boston, Massachusetts; June 15, 2016.

## BIBLIOGRAPHY/PUBLICATIONS

1. Rausch R, **Tsai E**, Mathern GW. Verbal memory in patients with lateralized right temporal lobe seizures: Relationship to the initial precipitating injury and surgical outcome. *Epilepsia* 2004;45(Suppl 7):246.
2. Pietras RJ, Chen H-W, **Tsai E**. Therapeutic targeting of growth factor and estrogen receptor signaling pathways in human non-small cell lung cancer. *Proceedings Lung Cancer SPORE Investigators Meeting* 2004;1:33-34.
3. Pietras RJ, Marquez DC, Chen H-W, **Tsai E**, Weinberg O, Fishbein M. Estrogen and growth factor receptor interactions in human breast and non-small cell lung cancer cells. *Steroids* 2005;70(5-7):372-381.
4. Reich MS, Shannon C, **Tsai E**, Salata MJ. Hip arthroscopy for extra-articular hip disease. *Current Reviews in Musculoskeletal Medicine* 2013;6:250-257.
5. Mazloom SE, **Tsai E**. Keys to success in the third year of medical school. In: Mazloom SE, Parvizi J, eds. *Orthopedic Residency Guide*. 1<sup>st</sup> ed. Philadelphia, PA: Jaypee Brothers Medical Publishers; 2014: 21 – 31.
6. **Tsai EY**, Iglesias RA, Morris W, Anderson JR. Anatomic study of the lunate fossa, proximal lunate, and proximal capitate as it relates to proximal row carpectomy (submitted to Case Orthopaedic Journal).
7. Bafus BT, **Tsai EY**, Szado C. Zone I Flexor Tendon Injuries. In: Maschke SD, Graham TJ, Evans PJ, eds. *Master Techniques in Orthopaedic Surgery: The Hand*. 3<sup>rd</sup> ed. Philadelphia, PA: Wolters Kluwer; 2016.
8. Kyriakedes JC, **Tsai EY**, Weinberg DS, Yu CC, Hoyen HA, Malone J, Bafus BT. Distal Radius Fractures: AAOS Appropriate Use Criteria vs. Actual Management at a Level One Trauma Center. *Hand* 2018;13(2):209-214.
9. **Tsai EY**, Iglesias RA, Morris W, Anderson JR. Anatomic study of the lunate fossa, proximal lunate, and proximal capitate as it relates to proximal row carpectomy. *Case Orthopaedic Journal* 2017;14(1):28-33.