

Stanford



Jeremy Chan

Clinical Assistant Professor, Orthopaedic Surgery

CLINICAL OFFICE (PRIMARY)

- **Orthopaedic Surgery Department**

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ACADEMIC CONTACT INFORMATION

- **Academic Contact**

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Bio

BIO

Dr. Chan is a Clinical Assistant Professor within the Department of Orthopaedic Surgery at Stanford University. He specializes in the surgical treatment of orthopedic conditions in the foot and ankle including ankle arthroscopy, ankle fusions, total ankle replacement, deformity reconstruction, ligament and tendon repair as well as fractures involving the foot and ankle. Having treated athletes from recreational to professional levels, Dr. Chan has a particular interest in acute foot and ankle injuries including treatment of Achilles ruptures, ankle syndesmosis and lateral ankle ligament injuries, ankle fractures and Lisfranc injuries. Dr. Chan also has expertise in early weightbearing and accelerated rehabilitation approaches to ankle fractures and Achilles tendon surgery. As a faculty member, Dr. Chan serves as a foot and ankle consultant for Stanford Athletics and directs resident education on the foot and ankle service. He is currently helping to develop a coaching curriculum for orthopedic surgery residents, and also serves as an orthopedic resident mentor. In addition, Dr. Chan also serves as a file reviewer for MD Admissions at the Stanford School of Medicine.

Dr. Chan has authored or co-authored over 20 peer-reviewed scientific articles, reviews and chapters while also serving as a journal reviewer for both Foot and Ankle International (FAI) as well as the Journal of the American Academy of Orthopaedic Surgeons (JAAOS). For his research in flatfoot reconstruction, he was awarded the Leonard J. Goldner Award from the American Orthopaedic Foot and Ankle Society. He is a member of the American Academy of Orthopaedic Surgeons (AAOS) and American Orthopaedic Foot and Ankle Society (AOFAS).

He graduated magna cum laude with honors during his undergraduate studies at the University of Washington. He went on to medical school at Cornell University graduating with honors in research. During his time in medical school, he was awarded the Sidney and Viola Borkon Memorial Prize as the top student in his class and was inducted into the Alpha Omega Alpha (AOA) Honor Medical Society. He then completed his orthopedic surgery residency at Stanford and was chosen as the American Orthopaedic Association Evarts Resident Leader representative during his time in residency. Dr. Chan completed his subspecialty orthopedic foot and ankle fellowship training at Cedars-Sinai Medical Center. He has been trained and mentored by several former and future presidents of the American Orthopedic Foot and Ankle Society including Drs. David Thordarson, Scott Ellis and Glenn Pfeffer.

CLINICAL FOCUS

- Foot and Ankle Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Orthopaedic Surgery

ADMINISTRATIVE APPOINTMENTS

- Team Physician, Stanford University Athletics, (2022- present)

HONORS AND AWARDS

- C. McCollister Evarts Resident Leader Representative, American Orthopaedic Association (2018)
- AOFAS Resident Scholar, American Orthopaedic Foot and Ankle Society (2016)
- Leonard J. Goldner Award, American Orthopaedic Foot and Ankle Society (2014)
- Alpha Omega Alpha Honor Medical Society, Weill Cornell Medical College (2012)
- The Sidney and Viola Borkon Memorial Prize, Weill Cornell Medical College (2011)
- Medical Student Summer Research Fellowship, Hospital for Special Surgery (2010)
- Magna Cum Laude, University of Washington (2008)
- Sophomore Medalist Award, University of Washington (2006)
- Boeing National Merit Scholarship, National Merit Scholarship Corporation (2005)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Journal Reviewer, Foot and Ankle International/Foot and Ankle Orthopedics (2019 - present)
- Journal Reviewer, Journal of the American Academy of Orthopaedic Surgeons (2019 - present)
- Member, American Orthopaedic Foot and Ankle Society (2014 - present)
- Member, American Academy of Orthopaedic Surgeons (2014 - present)

PROFESSIONAL EDUCATION

- Fellowship, Cedars-Sinai Medical Center , Orthopedic Foot and Ankle Fellowship (2020)
- Residency: Stanford University Orthopaedic Surgery Residency (2019) CA
- MD, Weill Cornell Medical College , Doctor of Medicine (2014)
- BS, University of Washington , Neurobiology (2008)

Publications

PUBLICATIONS

- **Orthotic Devices for the Foot and Ankle.** *The Journal of the American Academy of Orthopaedic Surgeons*
An, T. W., Berke, G., Beattie, W., Chan, J. Y.
2023
- **Evaluation and Management of Adult Footdrop** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Haupt, E. T., Chan, J. Y., Michalski, M., Thordarson, D. B.
2022; 30 (16): 747-756
- **Research methodologic quality varies significantly by subspecialty: An analysis of AAOS meeting abstracts.** *Journal of clinical orthopaedics and trauma*
Souza, K. E., Chan, J. Y., Campbell, S. T., Bishop, J. A.
2021; 15: 37-41

- **Analysis of Orthopaedic Job Availability in the United States Based on Subspecialty.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Chan, J. Y., Charlton, T. P., Thordarson, D. B.
2020; 4 (11): e20.00195
- **Distal Chevron Osteotomy Increases Anatomic Intermetatarsal Angle in Hallux Valgus.** *Foot & ankle orthopaedics*
Chan, J. Y., Noori, N., Chen, S., Pfeffer, G. B., Charlton, T. P., Thordarson, D. B.
2020; 5 (4): 2473011420960710
- **Optimizing the Orthopaedic Medical Student Rotation: Keys to Success for Students, Faculty, and Residency Programs.** *The Journal of the American Academy of Orthopaedic Surgeons*
Campbell, S. T., Chan, J. Y., Gardner, M. J., Bishop, J. A.
2019
- **Kohler Disease: Avascular Necrosis in the Child.** *Foot and ankle clinics*
Chan, J. Y., Young, J. L.
2019; 24 (1): 83–88
- **Lower Complication Rate Following Ankle Fracture Fixation by Orthopaedic Surgeons Versus Podiatrists.** *The Journal of the American Academy of Orthopaedic Surgeons*
Chan, J. Y., Truntzer, J. N., Gardner, M. J., Bishop, J. A.
2018
- **Uncemented Metal-Backed Tantalum Patellar Components in Total Knee Arthroplasty Have a High Fracture Rate at Midterm Follow-Up.** *journal of arthroplasty*
Chan, J. Y., Giori, N. J.
2017
- **Lateral Column Lengthening for Stage II Posterior Tibial Tendon Dysfunction: Surgical Techniques and an Algorithm for Treatment** *World Clinics: Orthopedics - Foot and Ankle Surgery*
Chan, J. Y., Ellis, S. J.
Jaypee Brothers Medical Publishers.2017; 2
- **Validation of the Foot and Ankle Outcome Score for Hallux Rigidus.** *HSS journal : the musculoskeletal journal of Hospital for Special Surgery*
Hogan, M. V., Mani, S. B., Chan, J. Y., Do, H., Deland, J. T., Ellis, S. J.
2016; 12 (1): 44-50
- **Contribution of Lateral Column Lengthening to Correction of Forefoot Abduction in Stage IIb Adult Acquired Flatfoot Deformity Reconstruction** *FOOT & ANKLE INTERNATIONAL*
Chan, J. Y., Greenfield, S. T., Soukup, D. S., Do, H. T., Deland, J. T., Ellis, S. J.
2015; 36 (12): 1400-1411
- **Optimal Position of the Heel Following Reconstruction of the Stage II Adult-Acquired Flatfoot Deformity** *FOOT & ANKLE INTERNATIONAL*
Conti, M. S., Ellis, S. J., Chan, J. Y., Do, H. T., Deland, J. T.
2015; 36 (8): 919-927
- **Crossed-screws provide greater tarsometatarsal fusion stability compared to compression plates.** *Foot & ankle specialist*
Baxter, J. R., Mani, S. B., Chan, J. Y., Vulcano, E., Ellis, S. J.
2015; 8 (2): 95-100
- **New Radiographic Parameter Assessing Hindfoot Alignment in Stage II Adult-Acquired Flatfoot Deformity** *FOOT & ANKLE INTERNATIONAL*
Williamson, E. R., Chan, J. Y., Burket, J. C., Deland, J. T., Ellis, S. J.
2015; 36 (4): 417-423
- **Correlation of Postoperative Midfoot Position With Outcome Following Reconstruction of the Stage II Adult Acquired Flatfoot Deformity** *FOOT & ANKLE INTERNATIONAL*
Conti, M. S., Chan, J. Y., Do, H. T., Ellis, S. J., Deland, J. T.
2015; 36 (3): 239-247
- **A case of acute tarsal tunnel syndrome following lateralizing calcaneal osteotomy** *FOOT AND ANKLE SURGERY*
Walls, R. J., Chan, J. Y., Ellis, S. J.

2015; 21 (1): E1-E5

- **Optimizing stabilization in osteoporotic ankle fractures** *CURRENT ORTHOPAEDIC PRACTICE*
Chan, J. Y., Bishop, J. A.
2015; 26 (6): 605-609
- **Detection of In Vivo Foot and Ankle Implants by Walkthrough Metal Detectors.** *Foot & ankle international*
Chan, J. Y., Mani, S. B., Williams, P. N., O'Malley, M. J., Levine, D. S., Roberts, M. M., Ellis, S. J.
2014; 35 (8): 789-795
- **Reconstruction of the Stage IIA Adult-acquired Flatfoot Deformity** *Techniques in Foot & Ankle Surgery*
Chan, J. Y., Ellis, S. J.
2014; 13 (1): 14-22
- **Total Ankle Arthroplasty: An Overview** *AAOS Monograph Series: Total Ankle Arthroplasty*
Deland, J. T., Chan, J. Y.
American Academy of Orthopaedic Surgeons.2014; 1: 35-40
- **Reconstruction of Achilles Rerupture With Peroneus Longus Tendon Transfer** *FOOT & ANKLE INTERNATIONAL*
Chan, J. Y., Elliott, A. J., Ellis, S. J.
2013; 34 (6): 898-903
- **The Contribution of Medializing Calcaneal Osteotomy on Hindfoot Alignment in the Reconstruction of the Stage II Adult Acquired Flatfoot Deformity** *FOOT & ANKLE INTERNATIONAL*
Chan, J. Y., Williams, B. R., Nair, P., Young, E., Sofka, C., Deland, J. T., Ellis, S. J.
2013; 34 (2): 159-166