



Monique Chambers, MD, MSL

Assistant Professor of Orthopedic Surgery
Orthopaedic Surgery

CLINICAL OFFICE (PRIMARY)

- **Orthopaedic Surgery**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Monique Chambers is a fellowship-trained orthopaedic surgeon at Stanford Health Care. She is also an assistant professor in the Department of Orthopaedic Surgery, Division of Foot and Ankle Surgery at Stanford University School of Medicine.

Dr. Chambers specializes in treating complex foot and ankle conditions, including those that affect dancers, post-traumatic injuries and complications, deformities, and degenerative joint diseases. She focuses on restoring function and preserving limbs whenever possible, utilizing minimally invasive techniques and limb salvage procedures. Dr. Chambers is committed to delivering compassionate, evidence-based care through multispecialty collaboration.

Dr. Chambers' research involves innovations in surgery and medical education, health care outcomes, and complexities in medicine and law. Her work explores musculoskeletal conditions, as well as psychosocial and structural factors that influence quality and outcomes in residency training and surgical care. As director of research and pathway initiative outcomes at Nth Dimensions, a national nonprofit advancing access to surgical specialties, Dr. Chambers has mentored dozens of students and trainees.

Dr. Chambers has extensively published her findings in peer-reviewed journals, including *Arthroplasty Today*, *Journal of the American Academy of Orthopaedic Surgeons*, *Journal of Surgical Education*, and *Journal of Racial and Ethnic Health Disparities*. Her dedication to inclusive patient care and education has earned her national recognition, including the National Minority Quality Forum's 40 Under 40 in Minority Health Award.

Dr. Chambers is a member of the American Academy of Orthopaedic Surgeons, the American Orthopaedic Foot and Ankle Society, and the National Medical Association. She is also a member of the Christian Medical and Dental Associations, the Ruth Jackson Orthopaedic Society, the Limb Lengthening and Reconstruction Society, and the J. Robert Gladden Orthopaedic Society.

CLINICAL FOCUS

- Foot and Ankle Surgery

ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Orthopaedic Surgery

ADMINISTRATIVE APPOINTMENTS

- Liaison for Imani Clinic, Sacramento Cancer Coalition, (2009-2010)
- Invited Instructor, Transition to Residency Program, Nth Dimensions, (2025- present)
- Invited Instructor, Orthopaedic Summer Series, Nth Dimensions, (2024- present)
- Guest Editor Consultant to Dr. MaCalus Hogan, Operative Techniques in Orthopaedics, (2022- present)
- Freelance Medical Editor, Cactus, (2017-2021)
- Director of Research and Pathway Initiative Outcomes, Nth Dimensions, (2025- present)
- Consultant, Future Leadership Project "Think Tank," SNMA, (2015-2017)
- Clinical and Translational Research Fellow, Division of Orthopaedic Surgery, Southern Illinois University, (2015-2016)
- Chief Resident, Orthopaedic Surgery, Baylor College of Medicine, (2023-2024)
- Chair, Academic Affairs Committee, Student National Medical Association (SNMA), (2014-2015)
- Ad Hoc Reviewer, Arthroplasty Today, (2023- present)
- Ad Hoc Fellow Reviewer, Foot and Ankle International, (2024-2025)

HONORS AND AWARDS

- Travel Scholarship Recipient, J. Robert Gladden Orthopaedic Society
- Resident Travel Award, RJOS Annual Meeting
- Scholarship Recipient, Sinkler Miller Medical Association
- Scholarship Recipient, National Medical Fellowships and Aetna Foundation
- Scholarship Recipient, MacKenzie Foundation
- Scholarship Recipient, Kaiser Permanente Northern California
- Resident Workshop Scholarship Recipient, RJOS
- Resident Virtual Award, AOFAS
- Resident Travel Scholar, American Orthopaedic Foot & Ankle Society (AOFAS)
- Research Award, National Medical Association Council on Concerns of Women Physicians
- Platform Presentation Winner, Timothy L. Stephens, Jr. MD Research Symposium
- Medical Student Symposium Grant, Nth Dimensions and American Academy of Orthopaedic Surgeons
- Medical Student Achievement Award, Ruth Jackson Orthopaedic Society (RJOS)
- Herbert W. Nickens Award,, Association of American Medical Colleges
- First Place Poster Presenter, Dr. Wilbert C. Jordan Research Forum
- Editor's Choice for Research into Female Surgeon Safety, Journal of Bone and Joint Surgery
- Dr. Ellamae Simmons Medical Student Scholarship Recipient, Kaiser Permanente African American Professional Association
- Dox Foundation Scholar, Australia Global Limb Reconstruction Traveling Trauma Fellow
- Conference Article Contest Winner, Christian Medical and Dental Associations
- Commencement Marshal, UC Law San Francisco

- Chancellor's Scholarship Recipient, UC Davis School of Medicine
- 40 Under 40 Leaders in Minority Health Award, National Minority Quality Forum

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Western Orthopaedic Association (2025 - present)
- Member, Western Orthopaedic Association (2007 - 2015)
- Member, Student National Medical Association (2009 - 2014)
- Member, Ruth Jackson Orthopaedic Society (2012 - present)
- Member, National Medical Association (2015 - present)
- Member, Limb Lengthening and Reconstruction Society (2021 - present)
- Member, J. Robert Gladden Orthopaedic Society (2014 - present)
- Member, Christian Medical and Dental Associations (2009 - present)
- Member, American Orthopaedic Foot and Ankle Society (2020 - present)
- Member, American Medical Student Association (2009 - 2014)
- Member, American Academy of Orthopaedic Surgeons (2019 - present)

PROFESSIONAL EDUCATION

- Fellowship: Mercy Medical Center (2025) MD
- Residency: Baylor College of Medicine (2024) TX
- Internship: Baylor College of Medicine Surgery Residency (2019) TX
- Medical Education: University of California Davis School of Medicine (2014) CA

Publications

PUBLICATIONS

- **Personality Characteristics of Orthopedic Surgery Residents and Faculty: Cross-Sectional Study From the Profiling Orthopaedic Surgery Trainees (POST) Study Group.** *Journal of surgical education*
Davie, R. A., Harrison, N., Pool, R. N., Rosopa, P. J., Tanner, S. L., Scannell, B., Hartley, B., Aleem, A. W., Ode, G. E.
2025; 82 (8): 103538
- **Examining the Outliers: Characteristics of the Most and Least Diverse Programs in Orthopaedics.** *The Journal of the American Academy of Orthopaedic Surgeons*
Oladimeji, A., Chambers, M., Kelly, T. N., Hidaka, C., Ode, G. E.
2025; 33 (10): e551-e562
- **Total Hip Arthroplasty in Black/African American Patients: an Updated Nationwide Analysis.** *Journal of racial and ethnic health disparities*
Sheth, M., Chambers, M., Gronbeck, C., Harrington, M. A., Halawi, M. J.
2021; 8 (3): 698-703
- **Gender and Total Joint Arthroplasty: Variable Outcomes by Procedure Type.** *Arthroplasty today*
Patel, A. P., Gronbeck, C., Chambers, M., Harrington, M. A., Halawi, M. J.
2020; 6 (3): 517-520
- **Total Knee Arthroplasty in Ambulatory Surgery Centers: The New Reality!** *Arthroplasty today*
Chambers, M., Huddleston, J. I., Halawi, M. J.
2020; 6 (2): 146-48
- **Biologic Adjuvants for the Management of Osteochondral Lesions of the Talus.** *The Journal of the American Academy of Orthopaedic Surgeons*
Hogan, M. V., Hicks, J. J., Chambers, M. C., Kennedy, J. G.

2019; 27 (3): e105-e111

- **The role of biologic in foot and ankle trauma-a review of the literature.** *Current reviews in musculoskeletal medicine*
Zhao, E., Carney, D., Chambers, M., Ewalefo, S., Hogan, M.
2018; 11 (3): 495-502
- **Bone Bruise Patterns in Skeletally Immature Patients With Anterior Cruciate Ligament Injury: Shock-Absorbing Function of the Physis.** *The American journal of sports medicine*
Novaretti, J. V., Shin, J. J., Albers, M., Chambers, M. C., Cohen, M., Musahl, V., Fu, F. H.
2018; 46 (9): 2128-2132
- **Pipeline program recruits and retains women and underrepresented minorities in procedure based specialties: A brief report.** *American journal of surgery*
Mason, B. S., Ross, W., Chambers, M. C., Grant, R., Parks, M.
2017; 213 (4): 662-665
- **Two-Stage Revision Total Knee Arthroplasty in the Setting of Periprosthetic Knee Infection.** *Instructional course lectures*
Sayeed, Z., Anoushiravani, A. A., El-Othmani, M. M., Chambers, M. C., Mihalko, W. M., Jiranek, W. A., Paprosky, W. G., Saleh, K. J.
2017; 66: 249-262
- **Single-Stage Revision Total Knee Arthroplasty in the Setting of Periprosthetic Knee Infection: Indications, Contraindications, and Postoperative Outcomes.** *Instructional course lectures*
Anoushiravani, A. A., Sayeed, Z., El-Othmani, M. M., Chambers, M. C., Mihalko, W. M., Jiranek, W. A., Paprosky, W. G., Saleh, K. J.
2017; 66: 235-247
- **Effect of Time of Operation on Hip Fracture Outcomes: A Retrospective Analysis.** *The Journal of the American Academy of Orthopaedic Surgeons*
Barinaga, G., Wright, E., Cagle, P. J., Anoushiravani, A. A., Sayeed, Z., Chambers, M. C., El-Othmani, M. M., Saleh, K. J.
2017; 25 (1): 55-60
- **Breast Radiation Exposure in Female Orthopaedic Surgeons.** *The Journal of bone and joint surgery. American volume*
Valone, L. C., Chambers, M., Lattanza, L., James, M. A.
2016; 98 (21): 1808-1813
- **Affordable Care Organizations and Bundled Pricing: A New Philosophy of Care.** *The Orthopedic clinics of North America*
Barinaga, G., Chambers, M. C., El-Othmani, M. M., Siegrist, R. B., Saleh, K. J.
2016; 47 (4): 707-16
- **Comparing In-Hospital Total Joint Arthroplasty Outcomes and Resource Consumption Among Underweight and Morbidly Obese Patients.** *The Journal of arthroplasty*
Sayeed, Z., Anoushiravani, A. A., Chambers, M. C., Gilbert, T. J., Scaife, S. L., El-Othmani, M. M., Saleh, K. J.
2016; 31 (10): 2085-90
- **Patient Centeredness in Total Joint Replacement: Beyond the Slogan.** *The Orthopedic clinics of North America*
Zeineddine, H. A., El-Othmani, M. M., Sayeed, Z., Chambers, M. C., Saleh, K. J.
2016; 47 (4): 697-706
- **Planning, Building, and Maintaining a Successful Musculoskeletal Service Line.** *The Orthopedic clinics of North America*
Sayeed, Z., El-Othmani, M. M., Anoushiravani, A. A., Chambers, M. C., Saleh, K. J.
2016; 47 (4): 681-8
- **Reducing 30-day Readmission After Joint Replacement.** *The Orthopedic clinics of North America*
Chambers, M. C., El-Othmani, M. M., Anoushiravani, A. A., Sayeed, Z., Saleh, K. J.
2016; 47 (4): 673-80
- **Approach to Decrease Infection Following Total Joint Arthroplasty.** *The Orthopedic clinics of North America*
Hatz, D., Anoushiravani, A. A., Chambers, M. C., El-Othmani, M. M., Saleh, K. J.
2016; 47 (4): 661-71
- **Reducing Length of Stay in Total Joint Arthroplasty Care.** *The Orthopedic clinics of North America*
Walters, M., Chambers, M. C., Sayeed, Z., Anoushiravani, A. A., El-Othmani, M. M., Saleh, K. J.

2016; 47 (4): 653-60

- **Health Care Reform: Impact on Total Joint Replacement.** *The Orthopedic clinics of North America*
Chambers, M. C., El-Othmani, M. M., Saleh, K. J.
2016; 47 (4): 645-52
- **Can a Strategic Pipeline Initiative Increase the Number of Women and Underrepresented Minorities in Orthopaedic Surgery?** *Clinical orthopaedics and related research*
Mason, B. S., Ross, W., Ortega, G., Chambers, M. C., Parks, M. L.
2016; 474 (9): 1979-85
- **Osteolysis Complicating Total Knee Arthroplasty.** *JBJS reviews*
Gilbert, T. J., Anoushiravani, A. A., Sayeed, Z., Chambers, M. C., El-Othmani, M. M., Saleh, K. J.
2016; 4 (7)
- **Assessing In-Hospital Outcomes and Resource Utilization After Primary Total Joint Arthroplasty Among Underweight Patients.** *The Journal of arthroplasty*
Anoushiravani, A. A., Sayeed, Z., Chambers, M. C., Gilbert, T. J., Scaife, S. L., El-Othmani, M. M., Saleh, K. J.
2016; 31 (7): 1407-12
- **Economics of All-Polyethylene Versus Metal-Backed Tibial Prosthesis Designs.** *Orthopedics*
Chambers, M. C., El-Othmani, M. M., Sayeed, Z., Anoushiravani, A., Schnur, A. K., Mihalko, W. M., Saleh, K. J.
2016; 39 (3 Suppl): S61-6
- **Postoperative Radiographic Assessment of the Vega Posterior-Stabilized TKA.** *Orthopedics*
Beason, A. M., Zhang, H., Anoushiravani, A. A., Sayeed, Z., Chambers, M. C., El-Othmani, M. M., Mihalko, W. M., Saleh, K. J.
2016; 39 (3 Suppl): S56-60
- **Acrylic bone cement in total joint arthroplasty: A review.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Saleh, K. J., El Othmani, M. M., Tzeng, T. H., Mihalko, W. M., Chambers, M. C., Grupp, T. M.
2016; 34 (5): 737-44