

HALLIE R. BRADLEY

EDUCATION AND TRAINING

Hospital for Special Surgery, New York, NY Clinical Fellow in Orthopaedic Trauma	August 2023 – July 2024
University of Texas Southwestern, Dallas, TX Resident Physician in Orthopaedic Surgery	July 2018 – June 2023
Baylor College of Medicine, Houston, TX Doctor of Medicine	July 2014 – June 2018
University of Texas, Austin, TX Bachelor of Science, Biomedical Engineering Honors	2013
University of Cambridge, Cambridge, England International Study, Department of Applied Mathematics and Theoretical Physics	2012
Highland Park High School, Dallas, TX High School Diploma	2009

PEER REVIEWED MANUSCRIPTS

Mease, S., **Bradley, H.**, Thota, D., Starr, A., Sanders, D. Technical Trick: T-Bar External Fixation for Definitive Management of Periarticular and Metadiaphyseal Tibial Fractures. Published in Techniques in Orthopaedics. March 2023.

O'Neill, D., **Bradley, H.**, Hull, B., Pierce, B., Grewal, I., Starr, A., Sathy, A. Percutaneous screw fixation of the pubic symphysis versus plate osteosynthesis: a biomechanical study. Published in OTA International. December 2022.

Bradley, H., Pierce, B., O'Neill, D., Farahani, F., Greif, C., Sanders, D., Starr, A. Biomechanical Comparison of Four Transsacral Fixation Constructs in a Type 61C, Zone II Pelvic Fracture Model. Published in Journal of Orthopaedic Trauma. July 2022.

Mease, S., **Bradley, H.**, Thota, D., Sanders, D., Starr, A. Technical Trick: T-Bar External Fixator for Definitive Management of Periarticular and Metadiaphyseal Tibia Fractures. Published in Techniques in Orthopaedics. June 2022.

Bradley, H., Ahn, J., Rodriguez, J., Sammer, D., Golden, A., Koehler, D. Evaluation of Radiographic Parameters Following Dorsal Wrist-Spanning Plate Fixation of Distal Radius Fractures to the Second Versus Third Metacarpal. Published in Journal of Hand Surgery. May 2022.

Bradley, H., Hartman, C., Jo, C., Ramo, B. Outcomes and Cost of Reduction of Overriding Pediatric Distal Radius Fractures. Published in Journal of Pediatric Orthopaedics. March 2022.

O'Neill, D., **Bradley, H.**, Hull, B., Grewal, I., Pierce, B., Starr, A., Sathy, A. Percutaneous Screw Fixation of the Pubic Symphysis Versus Plate Osteosynthesis: A Biomechanical Study. Submitted for publication, OTA International.

Gates, S., Nguyen, I., DelCore, M., Nakonezny, P., **Bradley, H.**, Khazzam, M. Incidence and Predictors of Positive Intraoperative Cultures in Primary Shoulder Arthroplasty Following Prior Ipsilateral Shoulder Surgery. Published in Journal of Shoulder and Elbow Surgery International. Feb 2020.

Gitomer, S., Anand, S., **Bradley, H.**, Kumar, M., Ouellette, L., Musso, M. Screening for undiagnosed bleeding disorders in post-tonsillectomy bleed patients: Retrospective review and systematic review of the literature. Published in International Journal of Pediatric Otorhinolaryngology. Sept 2019.

PRESENTATIONS

Bradley, H., Haeberle, H., Bilodeau, R., Ricci, MJ., Ricci, WM. "In Tibial Plateau Fracture Patients, the Contralateral Knee Serves as a Better Anatomical Template to Restore Articular Height and Width than Historical Norms." Poster presentation, 2024 Hospital for Special Surgery Clinical Fellows Research Day, New York, NY. June 2024.

Bradley, H., Hartman, C., Jo, C., Ramo, B. "Outcomes and Cost of Reduction of Overriding Pediatric Distal Radius Fractures." Primary presenter for podium presentation, 2022 POSNA Annual Meeting, Vancouver, BC, Canada. May 2022.

Bradley, H., Pierce, B., O'Neill, D., Farahani, F., Greif, C., Sanders, D., Starr, A. "Biomechanical Comparison of Four Transsacral Fixation Constructs in a Type 61C, Zone II Pelvic Fracture Model." Primary presenter for podium presentation, 2021 Clinical Orthopaedic Society Annual Meeting, Nashville, TN. Nov 2021.

Mease, S., **Bradley, H.**, Thota, D.R., Sanders, D., Starr, A. "Technical Trick: T-Bar External Fixator for Definitive Management of Periarticular and Metadiaphyseal Tibial Fractures." Poster presentation, 2021 OTA Annual Meeting, Fort Worth, TX. Oct 2021.

Bradley, H., Ahn, J., Rodriguez, J., Sammer, D., Golden, A., Koehler, D. "Evaluation of Radiographic Parameters Following Dorsal Wrist-Spanning Plate Fixation of Distal Radius Fractures to the Second Versus Third Metacarpal." Primary presenter for podium presentation, 2021 ASSH Annual Meeting, San Francisco, CA. Sept 2021.

Bradley, H., Hartman, C., Ramo, B. "Outcomes of Reduction of Overriding Pediatric Distal Radius Fractures." Primary presenter for podium presentation, 2021 Brandon Carrell Visiting Professorship at Texas Scottish Rite, Dallas, TX. April 2021.

Coleman, M., Aziz, H., Deveza, L., **Bradley, H.**, Pettit, R., Bahouth, S., Ahuero, J., Palisch, A., Granberry, W. "Pes Cavus and Hindfoot Varus Alignment Are Associated with Increased Rates of Peroneal Tendon Pathology, However This Pathology Is Not More Likely to Be Symptomatic." Podium presentation by first author, 2019 AOFAS Annual Meeting, Chicago, IL. Sept 2019.

Gitomer, S., **Bradley, H.**, Kumar, M., Jones, J., Musso, M. "Perioperative Management of Undiagnosed Bleeding Disorders in Post-Tonsillectomy Bleed Patients." Poster presentation, 2017 Edmond T. Gonzales, Jr. Surgical Research Day, Houston, TX. May 2017.

Cornaghie, M., Shah, K., Bora, V., Sohn, G., Evans, D., Ibad, H., **Bradley, H.**, Perkins, C. "Effectiveness of an orthopaedic fracture plating workshop for medical students." Podium presentation by first author, 58th Annual National Student Research Forum, Galveston, TX. April 2017.

Rambie, H., Brock, G., Cohen, L., Gannon, F. "Trevor's Disease (dysplasia epiphysealis hemimelica): A Case Study and Literature Review." Poster presentation, Baylor College of Medicine, Department of Medicine Housestaff Research Symposium, Houston, TX. April 2016.

Rambie, H., Przybylowicz, R., Singapura, P., Kadiyala H., Rao, R. "Infarct, In Fact." Poster presentation, Baylor College of Medicine, Department of Medicine Housestaff Research Symposium, Houston, TX. April 2016.

GRANTS AND RESEARCH SUPPORT

Suzanne & Aaron A. Hofmann MD Orthopaedic Research Fund 2020
 Grant Title: The Use of Suture-Button Fixation in Length Unstable Fibula Fractures with Syndesmotom Injury: A Biomechanical Analysis
 Investigators: Bradley, H., Starr, A., Sanders, D., Mease, S.
 Institution(s): The University of Texas Southwestern Medical Center
 Funding: \$10,000.00

Suzanne & Aaron A. Hofmann MD Orthopaedic Research Fund 2020
 Grant Title: Biomechanical Evaluation of a Novel Quadrilateral Buttress Plate for Acetabular Fractures
 Investigators: Bradley, H., Harris, T., Starr, A.
 Institution(s): The University of Texas Southwestern Medical Center
 Funding: \$10,000.00

Suzanne & Aaron A. Hofmann MD Orthopaedic Research Fund 2020
 Grant Title: Differentiation in RNA Expressed in the Human Chondrocyte Inflammatory Response between Osteoarthritis Cartilage Versus Healthy Cartilage in the Shoulder
 Investigators: Bradley, H., Gross, B., Cutler, H., Khazzam, M.
 Institution(s): The University of Texas Southwestern Medical Center
 Funding: \$20,000.00

Suzanne & Aaron A. Hofmann MD Orthopaedic Research Fund 2019
 Grant Title: Biomechanical Evaluation of a Novel Device for Cannulated, Percutaneous, Locking Posterior Pelvic Ring Fixation
 Investigators: Bradley, H., Starr, A., Sanders, D., Pierce, B.
 Institution(s): The University of Texas Southwestern Medical Center
 Funding: \$14,000.00

EMPLOYMENT AND EXPERIENCE

Engineer, Stryker, Flower Mound, TX 2013 – 2014
 • Participated in the redesign of Stryker products.

- Conducted investigations for quality improvement of the Operation Room Integration Systems product line.
- Executed resolution of quality issues related to non-conformance reports.
- Selected to serve as a University Recruiter.

Engineer, SpineSmith, Austin, TX 2013

- Designed spinal orthopaedic implants and instruments.

Inventor, U.S. Patent 61815033 2013

- Developed an ankle syndesmosis injury repair system with the sponsorship of OsteoMed.

MEDICAL LICENSURE

Texas Medical License #V0695	
USMLE Step 3	November 2018
USMLE Step 2 CS	November 2017
USMLE Step 2 CK	August 2017
USMLE Step 1	March 2017

CONFERENCES

Orthopaedic Trauma Association 40 th Annual Meeting Montreal, QC	2024
AAOS Annual Meeting Las Vegas, NV	2023
Clinical Orthopaedic Society 109 th Annual Meeting Nashville, TN	2021
Orthopaedic Trauma Association 37 th Annual Meeting Fort Worth, TX	2021
American Society for Surgery of the Hand 76 th Annual Meeting San Francisco, CA	2021
Brandon Carrell Visiting Professorship 43 rd Annual Meeting, Visiting Professors David L. Skaggs MD and James J. McCarthy MD Dallas, TX	2021
Western Orthopaedic Association	2020

84th Virtual Annual Meeting

Southern Orthopaedic Association

2020

38th Virtual Annual Meeting

Charles F. Gregory Memorial Lectureship

2019

Visiting Professor Regis J. O’Keefe MD PhD

Dallas, TX

W.B. Carrell Inaugural Visiting Professorship

2019

Visiting Professor Peter Stern MD

Dallas, TX

AO Foundation Trauma Basic Course

2019

San Diego, CA

INVITED LECTURES

Bradley, H., Starr, A. “Biomechanical Comparison of Four Transsacral Fixation Constructs in a Type 61C, Zone II Pelvic Fracture Model.” Charles F. Gregory Memorial Lecture. Texas Scottish Rite, Dallas, TX. June 2023.

Bradley, H., Sanders, D. “Nonunion.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. February 2023.

Bradley, H., Callan, A. “Osteosarcoma.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. January 2023.

Bradley, H., Huo, M. “Periprosthetic Hip Fractures.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. October 2022.

Bradley, H., Van Hal, M. “Lumbar Stenosis.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. June 2021.

Bradley, H., Koehler, D., Golden, A. “Surgical Approaches to the Hand and Wrist.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. May 2021.

Bradley, H., Sanders, D., Starr, A. “Surgical Approaches to the Knee and Tibia.” Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. March 2021.

Bradley, H., McIntosh, A., Starr, A. “Pelvic Ring Injuries in the Pediatric Population.” Educational Curriculum Lecture Series. Children’s Medical Center, Dallas, TX. September 2020.

Bradley, H., Morris, W. “Pediatric Radial Neck Fractures.” Educational Curriculum Lecture Series. Children’s Medical Center, Dallas, TX. September 2020.

Bradley, H., Wimberly, L. "Compartment Syndrome in the Pediatric Population." Educational Curriculum Lecture Series. Children's Medical Center, Dallas, TX. September 2020.

Bradley, H., Podeszwa, D. "Pediatric Femoral Neck Fractures." Educational Curriculum Lecture Series. Children's Medical Center, Dallas, TX. September 2020.

Bradley, H., Richards, B.S. "Clubfoot." Educational Curriculum Lecture Series. Texas Scottish Rite, Dallas, TX. September 2020.

Bradley, H., Huo, M. "Total Knee and Total Hip Prosthesis Design." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. May 2020.

Bradley, H., Shah, J. "Multiligamentous Knee Injuries." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. December 2019.

Bradley, H., McCrum, C. "Rotator Cuff Tears." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. November 2019.

Bradley, H., Starr, A. "Knee and Tibia Anatomy." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. October 2019.

Bradley, H., Fairchild, R., Sanders, D. "Damage Control Orthopaedics." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. July 2019.

Bradley, H., Lalli, T. "Tibiotalar Arthritis." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. June 2019.

Bradley, H., Lalli, T. "Talar Osteochondritis Dissecans." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. May 2019.

Bradley, H., Nwelue, E., Callan, A. "Metastatic Bone Lesions." Educational Curriculum Lecture Series. University of Texas Southwestern, Dallas, TX. March 2019.

LEADERSHIP EXPERIENCE

Baylor College of Medicine

Executive Board, Baylor Orthopaedic Surgical Society 2016 – 2018

- Planned and implemented programming including lecture series, skills workshops, and journal clubs.

Lecture Coordinator, Baylor Orthopaedic Surgical Society 2016 – 2018

- Planned and implemented lecture series for the Baylor Orthopaedic Surgical Society.

Student Interviewer, Baylor College of Medicine Admissions Committee 2015 – 2017

- Selected for the Admissions Committee as a member of the Interviewing Subcommittee, meeting and evaluating prospective students on a weekly basis for admission to Baylor College of Medicine.

Class Representative, Baylor College of Medicine Student Council 2014 – 2016

- Served as one of four class representatives for the Baylor College of Medicine class of 2018.

Anatomy Tutor, Baylor College of Medicine 2015 – 2016

- Presented weekly reviews of anatomy material to first year medical students.

University of Texas at Austin

Team Leader, Engineering Design Capstone Project, sponsored by OsteoMed 2012 – 2013

- Nominated for the National Collegiate Inventors and Innovators Alliance BMESstart Competition 2013.
- One of four student inventors on U.S. Provisional Patent, “Ankle Syndesmosis Injury Repair System.”

Student Ambassador to the University of Texas at Austin, Orange Jackets 2011 – 2013

- Served as an official host of the University of Texas at Austin.

Executive Board Member, Chi Omega Sorority 2011 – 2013

- Served as Head of Corporate Sponsorship for the annual auction benefitting the Make-A-Wish Foundation.

Head of Scholarship, Panhellenic Council 2011 – 2013

- Represented Chi Omega as the official delegate at the weekly Panhellenic Council meetings of all sororities at the University of Texas at Austin.
- Elected to serve as the Head of the Scholarship Committee on the Panhellenic Council.

INTERESTS

Running with my golden retriever, dove hunting, painting, travel