**Joel C. Williams, MD**

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**PROFESSIONAL EXPERIENCE**

2016 – present Associate Professor

 Hip and Pelvis Surgeon

 Orthopaedic Trauma Section Head

Rush University Medical Center

Chicago, IL

2016 – present Orthopaedic Surgeon

 Stroger Cook County Hospital

 Chicago, IL

2017 – 2021 Orthopaedic Surgeon

 Pelvis and Acetabular Fracture Consultant

 Advocate Illinois Masonic Medical Center

 Chicago, IL

**EDUCATION & TRAINING**

2015 – 2016 Hip Surgery Fellowship (Preservation and Arthroplasty)

 Wyss Hip and Pelvis Center at Swedish First Hill

 Seattle, WA

2014 – 2015 Orthopaedic Trauma Fellowship

University of California, Davis

 Sacramento, CA

2014 AO Trauma Fellowship

Kantosspital Graubünden

Chur, Switzerland

2008 – 2014 Orthopaedic Surgery Residency

University of California, Davis

Sacramento, CA

2003 – 2008 Medical Degree

Distinction in Research

Mount Sinai School of Medicine

New York, NY

2001 – 2003 Bachelor of Science

Majors: Anthropology and Health Studies

Michigan State University Honors College

East Lansing, MI

1999 – 2001 University of Michigan

 Ann Arbor, MI

**HONORS & AWARDS**

2019 Golden Apple Teaching Award – Rush University Medical Center Department of Orthopaedic Surgery

2018 Howard Rosen Table Instructor Award – AO Trauma North America Basic Principles of Fracture Management Course

2014 Best Resident Research Presentation – UC Davis Orthopaedic Surgery Resident Graduation

2014 Emerging Leaders Program – American Orthopaedic Association

2013 Resident Leadership Forum – American Orthopaedic Association

 Denver, CO

2012 Western Orthopaedic Association – Sanford and Darlene Anzel Award

“Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects”

2012 California Orthopaedic Association – Lloyd W. Taylor Resident Award

 “Properties of Distal Femoral Defects with a Cortical Breach”

2011 1st place Basic Science – ORS/OREF Southwest Regional Resident Research Symposium

“Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator”

2010 Dr. Denny and Jeanene Dickenson Orthopaedic Research Fellowship

2008 Distinction in Research Award

2006 Doris Duke Clinical Research Fellowship

2003 Honors College Graduate

2001 – 2003 Dean’s List, Honors College

2002 Undergraduate Clinical Research Fellowship

1999 University of Michigan Alumni Scholarship

1999 National Honors Society

**GRANTS**

2011 Orthopaedic Trauma Association Resident Research Grant

“The Role of Mechanical Environment in a Rodent Critical-Sized Defect Using a Novel Fixator”

2009 Orthopaedic Research and Education Foundation

 Resident Grant

**BOARD CERTIFICATION**

2018 ABOS Certified

**LICENSURE**

2016 – present State of Illinois, Physician and Surgeon

2015 – present State of Washington, Physician and Surgeon

2009 – present State of California, Physician and Surgeon

**PROFESSIONAL ORGANIZATIONS**

2017 – present Foundation for Orthopaedic Trauma

2013 – present American Orthopaedic Association

2012 – present AO Trauma North America

2012 – present Orthopaedic Trauma Association

2010 – present California Orthopaedic Association

2008 – present American Academy of Orthopaedic Surgeons

**COMMITTEES**

2022 – present Stroger Cook County Multidisciplinary Hip Fracture Protocol Committee

2021 – present Rush University Medical Center Multidisciplinary Hip Fracture

Protocol Committee

2021 – present Midwest Orthopaedics at Rush Marketing Committee

2020 – 2023 AONA Governance Committee – Community Development

**JOURNAL REVIEWER**

2021 – present Journal of Hip Preservation Surgery

2021 – present Journal of Orthopaedic Trauma

2020 – present Injury. International Journal of the Care of the Injured

**INVITED FACUTLY**

2024 OTA Pelvis and Acetabulum Fracture Management

 Montreal, CA

2024 AONA Basic Principles of Fracture Management

 Minneapolis, MN

2024 Anterior Hip Foundation

 Nashville, TN

2024 AONA Pelvis and Acetabulum Fracture Management

 Cincinnati, OH

2024 Mid-America Orthopaedic Association

 Tips and Tricks from the Experts

 Bonita Springs, FL

2023 OTA Pelvis and Acetabulum Fracture Management

 Seattle, WA

2023 AONA Leadership Educational Program

 Dallas, TX

2023 AONA Pelvis and Acetabulum Fracture Management

 Las Vegas, NV

2023 AONA Think Tank

 Olympic Valley, CA

2023 AONA Community Development Case Based Discussions

Chicago, IL

2022 AONA Community Development Case Based Discussions

Chicago, IL

2022 AO Trauma Basic Principles of Fracture Management

 Davos, Switzerland

2022 AONA Basic Principles of Fracture Management

Course Co-chairman

 Chicago, IL

2022 Athletico University: Hip Dysplasia and Periacetabular Osteotomy

 Chicago, IL

2022 AONA Pelvis and Acetabulum Fracture Management

 Tampa, FL

2022 Northwestern Memorial Hospital Orthopaedic Surgery Grand Rounds

 Chicago, IL

2022 AONA Osteotomy Course

 Las Vegas, NV

2021 AONA Chairman Educational Program

 Virtual

2021 AONA Basic Principles of Fracture Management

 San Diego, CA

2021 AONA Basic Principles of Fracture Management

 Virtual

2021 AONA Think Tank

 Park City, UT

2021 AONA Basic Principles of Fracture Management

 Virtual

2021 Team Rehabilitation Guest Lecturer – Hip Preservation Surgery and Rehabilitation Overview

 Chicago, IL

2021 AO Trauma International – Basic Principles of Fracture Management

 Virtual

2021 AONA Pelvis and Acetabulum Fracture Management

 Virtual

2021 AONA Fellows Course – Proximal Femoral Osteotomy

 Virtual

2021 AONA Advanced Principles of Fracture Management

 Virtual

2021 OTA Fracture Night in America – Pelvis and Acetabulum

 Virtual

2021 AONA Basic Principles of Fracture Management

 Virtual

2021 AONA Community Development Case Based Discussions, Chicago

 Virtual

2020 AONA Community Development Case Based Discussions, Chicago

 Virtual

2020 AONA Basic Principles of Fracture Management

 Virtual

2020 AONA Pelvis and Acetabulum Fracture Management

 Virtual

2020 Sportsmed Innovate: Rehabilitation after Hip Arthroscopy and Hip Preservation Surgery

 Chicago, IL

2020 AONA Basic Principles of Fracture Management

 San Diego, CA

2020 AONA Basic Principles of Fracture Management

 Charlotte, NC

2019 University of Michigan Dept. of Orthopaedic Surgery Grand Rounds

 Ann Arbor, MI

2019 AANA Hip Preservation Course

 Chicago, IL

2019 AOTK Expert’s Symposium

 San Francisco, CA

2019 Zimmer Expert’s Course

 San Francisco, CA

2019 AONA Basic Principles of Fracture Management

 Phoenix, AZ

2019 AONA Basic Principles of Fracture Management

 Dallas, TX

2019 AONA Think Tank

 Park City, UT

2019 AONA Pelvis and Acetabulum Fracture Management

 Las Vegas, NV

2019 AONA Advanced Principles of Fracture Management

 San Diego, CA

2018 Chicago Sports Medicine Symposium

 Chicago, IL

2018 Rush Hip Symposium

 Chicago, IL

2018 Zimmer Resident Fracture Course

 Chicago, IL

2018 AONA Basic Principles of Fracture Management

 Baltimore, MD

2018 AONA Basic Principles of Fracture Management

 Chicago, IL

2018 AONA Think Tank

 Park City, UT

2018 AONA Pelvis and Acetabulum Fracture Management

 Tampa, FL

2018 AONA Basic Principles of Fracture Management

 Kansas City, MO

2018 OTA Comprehensive Fracture Course for Residents

 Chicago, IL

2017 AONA Faculty Educational Program

 Chicago, IL

2017 University of Chicago Department of Orthopaedic Surgery Grand Rounds

 Chicago, IL

2017 AONA Basic Principles of Fracture Management

 Atlanta, GA

2017 Zimmer Expert’s Course

 San Francisco, CA

2017 AOTK Expert’s Symposium

 Seattle, WA

2017 OTA Comprehensive Fracture Course for Residents

 Chicago, IL

2017 Athletico University: Hip Dysplasia and Periacetabular Osteotomy

 Chicago, IL

**BOOK CHAPTERS**

Valgus Intertrochanteric Osteotomy for Femoral Neck Nonunion. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. Joel Williams, MD, E. Bailey Terhune, MD and Keith Mayo, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Operative Management of Posterior Wall Fractures. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. Noelle Van Rysselberghe, MD, Joel Williams, MD and Justin Lucas, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Operative Management of Femoral Neck Fractures. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. Andrew Fithian, MD, Joel Williams, MD and Justin Lucas, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Operative Management of Femoral Neck Stress Fractures. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. Felipe Bessa, MD and Joel Williams, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Overview of Femoral Neck Stress Fractures. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. E. Bailey Terhune, MD and Joel Williams, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Proximal Femoral Osteotomies in Childhood Disease. Hip Arthroscopy and Hip Joint Preservation Surgery, Second Edition. Robert Browning, MD, Jonathan McCormick, MD and Joel Williams, MD. *Springer New York.* 2022. ISBN 978-3-030-43239-3.

Open Reduction and Internal Fixation of Proximal Humerus Fracture Using a Deltopectoral Approach. Skeletal Trauma of the Upper Extremity. Matthew Cohn, MD, William Cregar, MD, Joseph Cohen, MD and Joel Williams, MD. *Elsevier*. 2021.

Principles of Internal Fixation. Chapman’s Operative Orthopaedics, Fourth Edition. Joel Williams, MD and Michael Chapman, MD. *JP Medical Publishers.* 2019.

**PUBLICATIONS**

Cantrell CK, Carney JJ, Williams JC, Stover MD, Butler BA. Redirection of the Intramedullary Nail Guidewire Using a Stepped Reamer. *Submitted for publication – Journal of Orthopaedic Trauma.*

Cantrell, C; Carney, J; Johnson, D; Plantz, M; Versteeg, G; Sanders, E; Smith, H; Gerlach, E; Williams, J; Butler, B. Short Term Complications of Civilian Ballistic Versus Blunt Distal Intra-Articular Femur Fractures. *Submitted for publication – Journal of Orthopaedic Trauma.*

Cantrell, C; Versteeg, G; Gerlach, E; Sanders, E; Tanenbaum, J; Bruce, B; Butler, B; Williams, J. Short Term Outcomes of Ballistic Versus Blunt Diaphyseal Femur Fractures. *Submitted for publication – Journal of Orthopaedic Trauma.*

Dooley JH, Cantrell CK, Gerlach EB, Williams JC, Stover MD, Butler BA. The Effect of the COVID-19 Pandemic on Orthopaedic Surgery ACGME-Accredited Fellowship Case Logs. *Submitted for publication – HSS Journal.*

Smith, H; Cantrell, C; Wiese, M; Memon, R; Johnson, D; Gerlach, E; Butler, B; Williams, J. Social Media Utilization Among Orthopaedic Trauma Fellowship-Trained Surgeons. *Accepted for publication -- Rev Bras Ortop.* 2023.

Hamad, M; Cohn, M; Terhune; E; Williams, J. Discrepancies in Measurement Techniques of Lateral Center Edge Angle & Acetabular Index. *Accepted for publication – Journal of Hip Preservation Surgery.*

Williams, J and Mayo, K. Proximal Femoral Osteotomy for Femoral Neck Nonunion. *Accepted for publication – JBJS Essential Surgical Techniques.*

Neitzke C, Gusho C, Yu A, Williams J. Bilateral Knee Arthrodesis and Total Hip Arthroplasty for Knee and Hip Dysplasia Secondary to Spina Bifida: A Case Report. Journal of Orthopaedic Case Reports 2024 May, 14(05): 78-82.

Cantrell CK, Versteeg GH, Goedderz CJ, Johnson DJ, Tanenbaum JE, Carney JJ, Bigach SD, Williams JC, Stover MD, Butler BA. Risk Factors for Loss to Follow Up of Pelvis and Acetabular Fractures. *Injury.* 2022 Nov;53(11):3800-3804. doi: 10.1016/j.injury.2022.08.032.

Terhune, E; Polce, E; Williams, J. A Novel Fluoroscopic View for Improved Assessment of the Safety of the Posterosuperior Screw in Femoral Neck Fracture Fixation. *The Journal of Bone and Joint Surgery.* 2022 May; Volume 104. Issue 10. p 889. doi: 10.2106/JBJS.21.00959

Fitch, A; Terhune, E; Cohn, M; Williams, J. Periprosthetic Tibial Plateau Fractures Following Unicompartmental Knee Arthroplasty Are Successfully Treated with Open Reduction and Internal Fixation. *Orthopaedics.* 2022 Apr 29;1-6. doi: 10.3928/01477447-20220425-04.

Kunze KN, Alter TD, Newhouse AC, Bessa F, Williams J, Nho SJ. Association Between Orientation and Magnitude of Femoral Torsion and Propensity for Clinically Meaningful Improvement After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: A Computed Tomography Analysis. *The American Journal of Sports Medicine.* 2021 Jul;49(9):2466. PMID: 34166125

DeFroda, S; Alter, T; Bodendorfer, B; Newhouse, A; Bessa, F; Williams, J; Nho, S. Clinically Significant Outcome Improvement After Hip Arthroscopy in Patients with Femoroacetabular Impingement Syndrome and Severe Femoral Torsion. *The Orthopaedic Journal of Sports Medicine.*2021 Oct 6;9(10):23259671211034588. PMID: 34646896. doi: 10.1177/23259671211034588.

Alter, T; Kunze, K; Newhouse, A; Bessa, F; DeFroda, S; Williams, J; Nho, S. Assessment of Femoral Torsion on Magnetic Resonance Imaging is More Reliable Using Oblique-Axial Sequences Compared with Standard Axial Slices in Patients with Femoroacetabular Impingement Syndrome. *Arthroscopy: The Journal of Arthroscopy and Related Surgery*. 2021 Nov. DOI: https://doi.org/10.1016/j.arthro.2021.11.026

Hamati, F; Siotos, C; Terhune, B; Williams, J; Dorafshar, A. Free Fibular Flap and Fibular Graft Double-strut Tunneling to Fill a Large Tibial Plateau Defect. *ePlasty.* 2021 Aug; 21:e6.

Kunze KN, Alter TD, Newhouse AC, Bessa F, Williams JC, Nho SJ. Orientation and Magnitude of Femoral Torsion Does Not Influence Propensity for Clinically Meaningful Improvement After Hip Arthroscopy for Femoroacetabular Impingement Syndrome: A Computed Tomography Analysis.  *The American Journal of Sports Medicine.*2021 Jul; 49 (9) :2466-2474.

Beck, E; Nho, S; Williams, J. Pelvic Osteotomies for Acetabular Dysplasia: Are There Outcomes, Survivorship and Complication Differences Between Different Osteotomy Techniques? *Journal of Hip Preservation Surgery.* 2020 Dec; Volume 7, Issue 4; Pages 764-776.

Bessa, F; Williams, B; Polce, E; Mahewhwer, B; Williams, J; Nho, S; Chala, J. No Differences in Hip Joint Space Measurements Between Weightbearing and Supine Anteroposterior Pelvic Radiographs. *Arthroscopy: The Journal of Arthroscopic & Related Surgery.* 2020 Nov; Volume 36, Issue 11; Pages 2843-48.

Butler, B; Harold, R; Williams, J; Prosthesis-engaging Retrograde Femoral Nail with Locking Plate for Nonunion of Vancouver B1 Periprosthetic Fracture of the Femur. *JBJS Case Connector.* 2019 Dec 10; Volume 9; Number 4.

DeBaun, M; Williams, J; Bennet, C; Pridgen, E; Tamurian, R; Amanatullah, D. Calcium Phosphate Cement and Locked Plate Augmentation of distal Femoral Defects: A Biomechanical Analysis. *The Knee*. 2019 Aug 9; S0958-0160(19)30162-0.

Williams, J; Maitra, S; Anderson, M; Christiansen, B; Reddi, H; Lee, M. BMP-7 and Bone Regeneration: Evaluation of Dose Response in a Novel Rodent Segmental Defect Model. *The Journal of Orthopaedic Trauma.* 2015 Sep;29(9):e336-41.

Amanatullah, D; Williams, J; Tamurian, R. Properties of Distal Femoral Defects with a Cortical Breach. Clinical Orthopaedics and Related Research. *Orthopedics. 2014* March; 37(3): 158-162.

Christiansen, B; Anderson, M; Lee, C; Williams, J; Yik, J; Haudenschild, D. Musculoskeletal Changes Following Non-invasive Knee Injury Using a Novel Mouse Model of Post-traumatic Osteoarthritis. *Osteoarthritis and Cartilage.* 2012; doi:10.1016/j.oca.2012.04.014.

Giza, E; Frizzell, L; Farac, R; Williams, J; Kim, S. Augmented Tendon Achilles Repair Using a Tissue Reinforced Scaffold: A Biomechanical Study*. Foot Ankle Int.* 2011 May; 32(5): S545-9.

Williams, J; Roberts, J; Yoo, B. Case Report: Dorsalis Pedis pseudoaneurysm after Lisfranc surgery. *J Ortho Trauma* 24(11):98-101; 2010.

Vigler, M; Lee, S; Palti, R; Williams, J; Kaminsky; Posner, M; Hausman, M. Biomechanical comparison of techniques to reduce the bulk of lacerated flexor tendon ends within digital sheaths of the porcine forlimb. *J Hand Surg* 34(9):1653-8; 2009.

Khurana, S; Hornyak, J; Williams, J; Hurvitz, E. The Prevalence of Overweight Children with Cerebal Palsy. *Medicine & Science in Sports & Exercise* May 2005

**PRESENTATIONS**

October 2024. McKegg P; Brigode W; Butler B; Williams J. Does Angioembolization of Pelvic Arterial Bleeding Increase Infection Rate in Patients with an Operatively Treated Pelvis Fracture. Orthopaedic Trauma Association (OTA). Montreal, Canada.

February 2024. Kazi O; Gilat R; Vogel M; Williams J; Nho S; Espinoza Orias A. 3D Acetabular Coverage Can Be Used to Indicate Borderline Dysplastic Hips For Hip Arthroscopy or Periacetabular Osteotomy. Orthopaedic Research Society (ORS). Long Beach, CA.

February 2024. Wright-Chisem J; Larson J; Kazi O; Jan K; Malloy P; Williams J; Nho S; Espinoza Orias A. Changes In Acetabular Coverage Between Standing Vs. Supine Positions: An Exploratory 3D Simulation. Orthopaedic Research Society (ORS). Long Beach, CA.

March 2023. Larson J; Ephron C; Handoklow L; Guidetti M; Hevesi M; Espinoza Orias A; Williams J; Nho S. Preoperative Anterolateral Acetabular Coverage Is Significantly Decreased In Dysplastic Hips Undergoing Hip Arthroscopy And Periacetabular Osteotomy As Compared To Controls. American Academy of Orthopaedic Surgeons (AAOS). Las Vegas, NV.

February 2023. Larson J; Ephron C; Handoklow L; Guidetti M; Hevesi M; Espinoza Orias A; Williams J; Nho S. Preoperative Anterolateral Acetabular Coverage Is Significantly Decreased In Dysplastic Hips Undergoing Hip Arthroscopy And Periacetabular Osteotomy As Compared To Controls. Orthopaedic Research Society. Dallas, TX.

April 2022. Cantrell CK, Carney JJ, Johnson DJ, Plantz MA, Versteeg GH, Sanders EJ, Smith HE, Gerlach EB, Williams JC, Butler BA. Short Term Complications of Civilian Ballistic Versus Blunt Distal Intra-Articular Femur Fractures. Mid-America Orthopaedic Association, 39th Annual Meeting. San Antonio, TX.

April 2022. EB Terhune, D Fischer, S Criddle, JC Williams, JS Earhart. “Anterior Gluteal Pillar Bone Graft Harvesting using Acetabular Reamer Technique: As Effective as Reamer-Irrigator-Aspirator System.” Mid-America Orthopaedic Association Annual Meeting. San Antonio, TX.

March 2022. Terhune, E; Williams, J. A Novel Fluoroscopic View for Improved Assessment of the Safety of the Posterosuperior Screw in Femoral Neck Fracture Fixation. American Academy of Orthopaedic Surgeons (AAOS). Chicago, IL.

December 2021. Kunze KN, Alter TD, Newhouse AC, Bessa FS, Williams JC, Nho SJ. Slice Orientation Matters - Assessment of Femoral Torsion on Magnetic Resonance Imaging is More Reliable Using Axial-Oblique Sequences Compared with Standard Axial Slices in Patients with Femoroacetabular Impingement Syndrome: A Methodological-Control Study. International Society of Hip Arthroscopy and Orthopaedic Summit Combined Annual Meeting. Las Vegas, NV.

December 2021. DeFroda SF, Alter TD, Bodendorfer BM, Newhouse AC, Bessa FS, Williams JC, Nho SJ. Clinically Significant Outcome Improvement After Hip Arthroscopy in Patients with Femoroacetabular Impingement Syndrome and Severe Femoral Torsion. International Society of Hip Arthroscopy and Orthopaedic Summit Combined Annual Meeting. Las Vegas, NV.

October 2021. Short Term Outcomes of Civilian Ballistic Versus Blunt Diaphyseal Femur Fractures. Cantrell CK**,** Versteeg GH, Gerlach EB, Sanders EJ, Tanenbaum JE, Bruce BG, Williams JC, Butler BA. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX.

October 2021. Anterior Gluteal Pillar Bone Graft Harvesting using Acetabular Reamer Technique: As Effective as Reamer-Irrigator-Aspirator System. Terhune EB**,**Fischer D, Williams JC, Earhart JS. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX.

February 2021. Discrepancies in Measurement Techniques of Lateral Center Edge Angle & Acetabular Index. Hamad, M; Cohn, M; Terhune; E; Williams, J. Orthopaedic Research Society. Virtual.

March 2015. Possible inhibitory effect of bone marrow derived mesenchymal stem cell application on BMP-2 mediated bone healing in a critical size defect model. Refaat, M; Williams, J; Lee, M. AAOS Annual Meeting. Las Vegas, NV.

October 2014. Possible inhibitory effect of bone marrow derived mesenchymal stem cell application on BMP-2 mediated bone healing in a critical size defect model. Refaat, M; Williams, J; Lee, M. Orthopaedic Trauma Association. Tampa, FL.

January 2014. The Influence of Construct Stiffness on Bone Regeneration in a Rodent Defect Model. Williams, J; Maitra, S; Anderson, M; Christiansen, B; Reddi, H; Lee, M. International Society for Fracture Repair Biennial Conference. New York, NY.

January 2014. A Novel Rodent Critical Sized Defect Model and BMP-7 Dose Response Study. Williams, J; Maitra, S; Anderson, M; Christiansen, B; Reddi, H; Lee, M. International Society for Fracture Repair Biennial Conference. New York, NY.

October 2013. The Influence of Construct Stiffness on Bone Regeneration in a Rodent Defect Model. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Orthopaedic Trauma Association. Phoenix, AZ.

October 2013. A Novel Rodent Critical Sized Defect Model and BMP-7 Dose Response Study. Williams, J; Maitra, S; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Orthopaedic Trauma Association. Phoenix, AZ.

June 2013. Taylor, J; Williams, J; Pereira, G. Percutaneous Femoral Derotation Osteotomy Using Computer Navigation, Intramedullary Saw and a Cephalomedullary Nail – A Description of Technique. International Society for Computer Assisted Orthopaedic Surgery. Orlando, Florida.

June 2012. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. Western Orthopaedic Association 76th Annual Meeting. Portland, OR.

June 2012. Williams, J; Amanatullah, D; Shellito, A; Tamurian, R. Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects. Western Orthopaedic Association 76th Annual Meeting. Portland, OR.

June 2012. Amanatullah, D; Williams, J; Tamurian, R. Properties of Distal Femoral Defects with a Cortical Breach. Western Orthopaedic Association 76th Annual Meeting. Portland, OR.

April 2012. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. California Orthopaedic Association Annual Meeting. Carlsbad, CA.

April 2012. Amanatullah, D; Williams, J; Tamurian, R. Properties of Distal Femoral Defects with a Cortical Breach. California Orthopaedic Association Annual Meeting. Carlsbad, CA.

February 2012. Williams, J; Amanatullah, D; Shellito, A; Tamurian, R. Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects. Challenges in Fracture Care Across Disciplines, AO North America. Orlando, FL.

February 2012. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. Challenges in Fracture Care Across Disciplines, AO North America. Orlando, FL.

February 2012. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. 58th Annual Meeting of Orthopaedic Research Society (ORS).

October 2011. Williams, J; Amanatullah, D; Shellito, A; Tamurian, R. Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects. Connective Tissue Oncology Society – Musculoskeletal Tumor Society Meeting. Chicago, IL.

October 2011. Amanatullah, D; Williams, J; Tamurian, R. Properties of Distal Femoral Defects with a Cortical Breach. Connective Tissue Oncology Society – Musculoskeletal Tumor Society Meeting. Chicago, IL.

September 2011. Christiansen, B; Lee, C; Anderson, M; Williams, J; Haudenschild, D. Short-Term Bone Changes After Non-Invasive Knee Injury Using a Novel Mouse Model of Post-Traumatic Osteoarthritis. 2011 Annual Meeting of the American Society for Bone and Mineral Research. San Diego, CA.

September 2011. Christiansen, B; Lee, C; Anderson, M; Williams, J; Haudenschild, D. Early Changes Following Knee Injury in Non-Invasive Mouse PTOA Model. Osteoarthritis Research Society International. San Diego, CA.

August 2011. Christiansen, B; Lee, C; Anderson, M; Williams, J; Haudenschild, D. Rapid Subchondral Bone Changes After Non-Invasive ACL Injury in Mice. IBMS Sun Valley Workshop. Sun Valley, ID.

July 2011. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. Western Orthopaedic Association Annual Meeting. Honolulu, HI.

May 2011. Williams, J; Anderson, M; Christiansen, B; Reddi, H; Lee, M. Induction of Bone Regeneration by BMP-7 in Critical Sized Defects Using a Novel Internal Fixator. ORS/OREF Southwest Regional Resident Research Symposium. San Diego, CA.

September 2007. Vigler, M; Lee, S; Posner, M; Cordova, M; Williams, J; Hausman, M. A Biomechanical comparison of Antibulking techniques for Flexor tendon repairs. American Society for Surgery of the Hand (ASSH). Seattle, WA.

September 2007. Edelstein, D; Landa, J; Lee, S; Williams, J; Cordova, M; Kim, B. Biomechanical Characteristics of Suture Repair Methods of the Flexor Digitorum Superficialis Tendon in Zone II. American Society for Surgery of the Hand (ASSH). Seattle, WA.

May 2007. Vigler, M; Lee, S; Posner, M; Cordova, M; Williams, J; Hausman, M. A Biomechanical comparison of Antibulking techniques for Flexor tendon repairs. New York Society for Surgery of the Hand (NYSSH) Residents and Fellows Meeting. New York, NY.

May 2007. Edelstein, D; Landa, J; Lee, S; Williams, J; Cordova, M; Kim, B. Biomechanical Characteristics of Suture Repair Methods of the Flexor Digitorum Superficialis Tendon in Zone II. New York Society for Surgery of the Hand (NYSSH) Residents and Fellows Meeting. New York, NY.

March 2006. Casagrande, DC; Williams, JC; Bird, JE; Cordova, MA; Ghillani, R; Laudier DM; Terranova, CJ; Levy, R; Jepsen, KJ. Patterns of Intracortical Bone Reveal Changes in Bone Quality. 52nd Annual Meeting of Orthopaedic Research Society (ORS). Chicago, IL.

May 2005. Casagrande, DC; Williams, JC; Bird, JE; Cordova, MA; Ghillani, R; Laudier DM; Terranova, CJ; Levy, R; Jepsen, KJ. Patterns of Intracortical Bone Reveal Changes in Bone Quality. American Society for Bone and Mineral Research (ASBMR). Bethesda, MD.

March 2005. Williams, JC; Cordova, MA; Casagrande, DC; Bird, JE; Laudier, DM; Terranova, CJ; Levy, R; Jepsen, KJ. Comparative Analysis of Bone Resorption in the Proximal Femur and Distal Radius. 51st Annual Meeting of Orthopaedic Research Society (ORS). Washington, D.C.