

12631 East 17<sup>th</sup> Avenue Mail Stop B202 Aurora, CO 80045 Phone: (303)724-5860

# Jason W. Stoneback, MD

## **Associate Professor**

Department of Orthopedic Surgery University of Colorado School of Medicine

#### Associate Professor

Department of Emergency Medicine University of Colorado School of Medicine

## Chief, Orthopedic Trauma and Fracture Surgery

Department of Orthopedic Surgery University of Colorado School of Medicine

## **Director, Limb Restoration Program**

University of Colorado School of Medicine University of Colorado Health

#### Director, Bone-Anchored Limb Research Group

University of Colorado

Team Physician, Denver Broncos

#### Education

Fellowship

2011 – 2012
Orthopedic Traumatology Fellowship
Fellowship Director: J. Tracy Watson, MD

Internship/Residency
University of Colorado Health Science Center
Orthopedic Surgery Internship and Residency
Program Director: Steven J Morgan, MD and Michael R. Dayton, MD

Medical School
University of Tennessee Health Science Center

2002 – 2006
Doctor of Medicine

Honors

Undergraduate	Middle Tennessee State University
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1997 – 2002 Bachelor of Science

Magna Cum Laude

1997 – 2000 University of Memphis

**Bachelor of Science** 

High School International School Manila

1993 – 1997 High School Diploma

#### **Personal Data**

Date of Birth: September 1, 1978 Place of Birth: Cincinnati, OH

Citizenship: USA

Married

### Licensing

Colorado 2008 to Present (Active)

Wyoming 2020 to Present (Active)

#### Certification

American Board of Orthopedic Surgery July 23, 2015 to December 31, 2035

## **Faculty Appointments**

#### **Executive Vice Chair of Clinical Affairs**

Department of Orthopedics University of Colorado Aurora, CO 2/2019 – Present

#### Orthopedic Trauma Surgeon

Associate Professor, Department of Emergency Medicine University of Colorado Aurora, CO 7/2019 – Present

#### Orthopedic Trauma Surgeon

Associate Professor, Department of Orthopedic Surgery University of Colorado Aurora, CO 7/2019 – Present

#### Orthopedic Trauma Surgeon

Assistant Professor, Department of Emergency Medicine University of Colorado Aurora, CO 11/2014 – 6/2019

#### Orthopedic Trauma Surgeon

Assistant Professor, Department of Orthopedic Surgery University of Colorado Aurora, CO 12/2012 – 6/2019

### Director, Pediatric Orthopedic Trauma Program

Children's Hospital Colorado Aurora, CO 2013 – 2017

#### **Director, Orthopedic Inpatient Medical Services**

University of Colorado Hospital Aurora, CO 2/2013 – 6/2015

#### Orthopedic Trauma Surgeon

Assistant Professor, *Department of Orthopedic Surgery*Saint Louis University
7/2012 – 12/2012

#### Director, Orthopedic Trauma Service

Mercy Hospital St. Louis St. Louis, MO 7/2012 – 12/2012

#### Orthopedic Traumatology Fellow

Instructor, Department of Orthopedic Surgery
Saint Louis University
St. Louis, MO
8/2011 – 6/2012

## **Hospital Privileges**

University of Colorado Hospital – Aurora, CO Broomfield Hospital – Broomfield, CO Longs Peak Hospital – Longmont, CO Denver Health Medical Center – Denver, CO

## **Professional Memberships**

#### Twentieth Century Orthopaedic Association

Member

2024 - Present

### Roundup Riders of the Rockies

Member

2023 - Present

#### **American Academy of Orthotists & Prosthetists**

Affiliate Member

2023 - Present

#### Bone Anchored Prosthetics Society 2023 – Present

**Founding Member** 

### **International Society for Prosthetics and Orthotics**

**Active Member** 

2023 - Present

## Special Interest Group Bone Anchored Limb (SIGBAL) 2023 - Present

Founding Member, Secretary, Board Member

#### American Orthotic & Prosthetic Association

Active Member

2020 - Present

#### **Limb Lengthening and Reconstruction Society**

**Active Member** 

2018 - Present

#### Colorado Clinical & Translational Science Institute

**Active Member** 

2018 - Present

#### **Lamplighters Orthopaedic Association**

**Active Member** 

2016 - Present

#### Pediatric Orthopaedic Society of North America

**Associate Member** 

2014 - 2019

#### Western Orthopaedic Association

**Active Member** 

2013 - Present

## American Academy of Orthopaedic Surgeons

Active Member 2012 – Present

## Orthopaedic Trauma Association

Active Member 2011 – Present

	Honors/Awards
2024	University of Colorado Hospital 2024 Medical Staff Awards – IMPACT Award
2024	University of Colorado School of Medicine Distinguished Physician Award
2023	CU Anschutz Chancellor State of the Campus Address – Featured Faculty
2023	Colt of the Year, Roundup Riders of the Rockies
2022	CU Anschutz Medical Campus "Possibilities Endless" Video Campaign
2020	University of Colorado Hospital Medical Staff Pioneer Award
2019	CU Anschutz Medical Campus "This is Breakthrough" Video Campaign University of Colorado Advancement – Featured Faculty
2018	Essential CU: Conversations About CU Anschutz. – Featured Faculty
2017	University of Colorado, Office of Advancement Momentum "Celebrating the Impact of
	Philanthropy at CU Anschutz, Profiles: Bright Minds at Anschutz," – Featured Faculty
2016	Children's Hospital Colorado, excellence in Pediatric Trauma Physician's Award
2015	The Permanente Journal Service Quality Award
2015	University of Colorado Hospital "The Sky's the Limit" Award
2015	5280 Magazine "Top Doc" for Orthopedic Surgery
2015	Visiting Professorship, Beijing and Shijiazhuang, China
2015	Aspen Ideas Festival – Spotlight Health Scholar
2014	Institute for Healthcare Quality, Safety and Efficiency CT Program
2013	University of Colorado Hospital Full-Time Physician of the Year
2013	Peak Performers Award
2010 – 11	Administrative Chief Resident, CU Dept. of Orthopedic Surgery
2010	University of Colorado AOA Resident Leadership Forum Nominee
2009	The Children's Hospital-Denver Resident Professionalism Award
2007	University of Colorado Hospital SEED Award
2005	University of Tennessee Health Science Center Imhotep Society
2005	James L. Minor Scholarship
2003	National Institutes of Health Medical Student Research Fellowship Grant
2001	Southern Roughstock Association Champion Saddle Bronc Rider
2001	Turner Arena Champion Saddle Bronc Rider
2001	Stones River Academy of Medicine Physician Mentoring Program
2001	Albert L. and Ethel C. Smith Pre-Medicine Scholarship
2000	SSHBEA World Champion Sport Horse (2 Year Old Class)
2000	Milam's Non-Pro Champion Bull Rider
2000	Lyle Sankey Rodeo School Top Student Award (Saddle Bronc)
2000	Lyle Sankey Rodeo School Top Hand Award (Saddle Bronc)
1999	SSHBEA Reserve World Champion Sport Horse (Gelding Class)
1997 – 98	

## **Editor, Review & Referee Work**

Reviewer: Orthopedics 2013 – Present

Reviewer: Journal of Orthopedic Trauma 2013 – Present

Reviewer: OTA International 2025 – Present

## **Volunteer and Public Service**

2015 – 2020	Volunteer, Children's Hospital Colorado Rodeo Experience
2016	Staff Physician, Elizabeth Rodeo
2013 – Present	Staff Physician, Greeley Stampede Rodeo
2013 – 2014	Staff Physician, PRCA Xtreme Bulls Tour
2013 – Present	Staff Physician, Colorado vs the World Rodeo
2011, 2013 – Present	Staff Physician, National Western Stock Show and Rodeo
2013, 2015 - Present	Staff Physician, Professional Bull Riders
2011 – 2022	Staff Physician, Justin Sports Medicine Team
2008 – 2011	Team Physician, Denver Public High School Football
2008 – 2011	Team Physician, Denver Public High School Wrestling

## **Committees**

2024 – Present	UCHealth MSK-Ortho Clinical Outcomes Governance Group
2024 – Present	Global Collaborative Congress on Osseointegration Abstract Review Committee
2024 – Present	University of Colorado Hospital Emergency Management Committee
2023 – Present	University of Colorado Delphi Study, "Improving Prosthetic Outcomes in Osseointegration:
	Establishing a Prescription Consensus," Advisory Committee
2023 – Present	UCHealth Supply Management Action Team, Voting Member
2023 – Present	UCHealth Case Entry Standardization Workgroup
2023 - Present	University of Colorado Access Council
2022 - Present	UCHealth Mortality Governance Steering Committee
2022	Colorado Metabolic Bone Conference, Planning Committee
2022 – Present	UCHA Perioperative Operations Committee
2020 – Present	Co-Chair, Justin Sports Medicine Team Annual Meeting Planning Committee
2020 – Present	Vice Chair Representative: OR Executive Committee, UCHealth University of Colorado Hospital
2020 – 2022	Safety Officer: Optimizing Gait Rehabilitation for Veterans with Non-Traumatic Lower Limb
	Amputation
2020 – Present	Process Improvement Project: Call Center and Ambulatory Clinics and Increasing Patient Satisfaction
2020 – 2021	Orthopedics Director of Finance and Administration Search Committee
2019 – 2021	Vice Chair Representative: Website & Marketing Co-Chair, Department of Orthopedics Committees
2019 – 2021	Vice Chair Representative: Governance Revision, Department of Orthopedics Committees
2019 – Present	Vice Chair Representative: Clinical Leadership Council, University of Colorado School of Medicine
2019 – Present	Vice Chair Representative: Finance Committee, Department of Orthopedics, University of Colorado
	School of Medicine
2019 – Present	Vice Chair Representative: Executive Committee-Department of Orthopedics, University of Colorado
	School of Medicine

2019 – Present	Vice Chair Representative: Adult Chief Committee, Department of Orthopedics, University of Colorado School of Medicine
2018 – 2021	University of Colorado Hospital Operating Room Quality and Safety Committee, University of Colorado School of Medicine
2018 – 2021	University of Colorado Hospital Residency Program PEC Committee, University of Colorado School of Medicine
2018 – 2020	Regarding High-Capacity Alerts: Key Surgeon Stakeholders for Brainstorming Sessions, University of Colorado School of Medicine
2017 – 2019	Search Committee for the Denver Health Orthopedic Director of Service, Denver Health
2017 – 2018	Surgical Hip and Femur Fracture Treatment Bundle Co-Chair, UCHealth System
2017	Supracondylar Humerus Fracture Clinical Pathway Committee, Children's Hospital Colorado
2017	Trauma/Burn Strategic Planning Committee, Children's Hospital Colorado
2017	System – Wide Splinting and Casting Committee, Children's Hospital Colorado
2016 – 2017	Western Pediatric Trauma Conference Planning Committee, Children's Hospital Colorado
2015 – 2017	Children's Hospital Colorado MSK Infection Clinical Care Guideline Committee
2015 – 2019	Pediatric Orthopaedic Society of North America (POSNA) Children's Orthopedic Trauma
	Investigative Consortium for Evidence Based Study
2015 – 2017	University of Colorado Health Access Center (DocLine) Steering Committee, University of Colorado
	Hospital
2014 – Present	CU Orthopedic Department Adult Chief's Committee, Orthopedic Department Operations
2013 – Present	University of Colorado Hospital Trauma Process Improvement and Patient Safety Committee
2013 – Present	University of Colorado Hospital Trauma Program Operational Process Performance Committee
2013 – 2017	Trauma Committee, Orthopedic Trauma Liaison, Children's Hospital Colorado
2013 – Present	Trauma Committee, Orthopedic Trauma Liaison, University of Colorado Hospital
2015	Utilization Management Steering Committee, University of Colorado Hospital
2015	University of Colorado Hospital Access Working Group, University of Colorado Hospital
2015	Denver Health and University of Colorado Health Trauma Consortium Steering Committee
2014 – 2015	University of Colorado, Department of Orthopedics Marketing Committee
2014 – 2015	University of Colorado Orthopedics Multidisciplinary Rounds Care Coordination Pilot Program
2014 – 2015	University of Colorado Health Trauma Consortium Pricing Advisor
2014 – 2015	Operating Room Trauma Flow Committee, University of Colorado Hospital
2014 – 2015	MD Connect Program, University of Colorado Hospital
2014 – 2015	CLC Orthopedics/Emergency Department Consult Pilot Program, University of Colorado Hospital
2013 – 2015	Operating Room Committee, University of Colorado Hospital
2014	University of Colorado Health and Denver Health Trauma Consortium: Acute Care Surgery, Trauma
	and EMS Conference Planning Committee
2014	Heart of All Ages Gala Committee, CU Department of Orthopedics
2014	Wounded Warrior Program Development Committee
2013 – 2014	Trauma Task Force, CU Department of Orthopedics
2013, 2015	Colorado State Trauma Site Review Prep Committee, University of Colorado Hospital
2013	Orthopedic Residency Selection Committee
2012 – 2014	Trauma Advisory Committee, University of Colorado Hospital
2012	Trauma Peer Review Committee, Mercy Hospital St. Louis
2011 – 2012	Web Development Committee, Orthopedic Trauma Association
2010 – 2011	Academic Curriculum Committee, University of Colorado Department of Orthopedic Surgery
2009 – 2011,	Residency Selection Committee, University of Colorado Department of Orthopedics Surgery
2013 – 2023	

Clinical Mentor for Dr. Robin Atallah, Orthopedic Surgery Resident, Radboud University Medical Center, The Netherlands (2024)

Clinical Mentor for Jehad Alsamhori, Undergraduate Student, University of Jordan (2023)

Clinical Mentor for Emma Thalgott, Undergraduate Student (2023)

Clinical Mentor for Caroline Plumleigh, Undergraduate Student (2023)

University of Colorado Research Mentor for Samuel Merrill, Anschutz Research Assistant (2023)

University of Colorado Translational Research Mentor for James Tracy, PhD, Interdisciplinary Movement Science Lab (2022 - Present)

University of Colorado Research Mentor for Nicole Griffin, Trauma Research Fellow (2022 – 2023)

University of Colorado Clinical Mentor for Brady Williams, MD (2022 - Present)

University of Colorado Research Mentor for Kylie Shaw, MD (2022 - Present)

University of Colorado Clinical Mentor for Undergraduate Student Sydney Levy, Mechanical Engineering (2022)

University of Colorado Clinical and Translational Research Mentor for Graduate Student Jake Tinsley, Mechanical Engineering (2022 - Present)

University of Colorado Research Faculty Mentor for Graduate Student Mario Amicarelli, Health Administration MBA (2020)

Rocky Vista University Summer Intern Mentor for Sierra Maggard (2020)

Cornell Fellows Summer Intern Mentor for Penny Peng (2019)

University of Colorado Clinical Mentor for Jonathan Layne, Medical Student (2018)

University of Colorado Research Mentor Anastasiya Trizno, MD (2018-2022)

Hands on Clinical Experience Mentor to Jahmel Jordon, MSI (2018)

Translational Mentor for Lynn Pezzanite DVM. (2018 – Present)

University of Colorado Preceptor for Kristin Loker, Doctorate of Nursing Practices (2017 – 2019)

University of Colorado Research Mentor Diana Douleh, MD (2017-2020)

Children's Hospital Summer Intern Mentor for Sarah Linza-Moscati and Ryan Calkins (2017)

Children's Hospital Summer Intern Mentor for Alyssa Roseman (2016)

Foundations of Doctoring Preceptor for Kenneth Milligan (2013, 2014, 2015)

Foundations of Doctoring Preceptor for Ryan Martin (2013, 2014)

Faculty Mentor for Resident Austin Heare (2013 – 2017), Chase Dean (2017-2021)

Research Mentor for Residents Amy Harlow (2013 – 2016), Austin Heare (2014 – 2017), Rebecca Griffith (2015 – Present) and Christopher Joyce (2015 – Present), Chase Dean (2017-2018)

Research Mentor for Medical Student Andrew Hagar (2015 – Present)

Ortho 6620 Faculty Mentor for Sergei Dmitruk and Sheldon Edwards (2013)

## **Visiting Surgeon & Professorships, Grand Rounds Lectures**

#### 1. University of New Mexico (New Mexico, US)

- Visiting Zoom Professor September 18, 2024
- "Osseointegration in Amputees: Optimizing Form and Function with Bone-Anchored Limb Implantation."

#### 2. University of Nottingham (Nottingham, United Kingdom)

- Nottingham Masters Limb Reconstruction Forum May 20-23, 2024.
- Nottingham Trauma & Orthopaedic Trauma Society OTS Fellows Programme May 21-22, 2024
- Invited International Faculty

#### 3. University of Colorado Hospital (Colorado, US)

- Trauma Outreach Grand Rounds May 26, 2023
- "Caring for the Injured Rodeo Athlete"

#### 4. University of New Mexico School of Medicine (New Mexico, US)

- Visiting Zoom Professor July 8, 2022
- Fracture Conference, "Bone Defects"

#### 5. University of New Mexico School of Medicine (New Mexico, US)

- Visiting Zoom Professor November 20, 2020
- Fracture Conference, "Complex Case Review"

#### 6. University of Colorado (Colorado, US)

- PM&R Grand Rounds Lecture December 4, 2019
- "Osseointegration A New Frontier of Amputee Care"

#### 7. University of California - Irvine (California, US)

- Visiting Professor August 5, 2019
- Grand Rounds Lecture, "Advanced Lower Extremity Reconstruction"

#### 8. Radboud University Medical Center (Netherlands)

Visiting Osseointegration Surgeon – 2018

### 9. Hannover Medical School (Germany)

Visiting Osseointegration Surgeon – 2018

#### 10. University of Colorado (Colorado, US)

- Division of Infectious Diseases Grand Rounds Lecture September 19, 2018
- "Antibiotics and Metal: Orthopedic Traumatologists View of Osteomyelitis and Post-Traumatic Orthopedic Infections"

#### 11. Medical Center of the Rockies (Colorado, US)

- Grand Rounds Lecture May 30, 2018
- "University of Colorado Hospital Multidisciplinary approach to optimizing form and function."

#### 12. Cheyenne Medical Centers (Wyoming, US)

- Grand Rounds Lecture March 9, 2017
- "Limb Salvage or Restoration? A multidisciplinary approach to optimizing form and function."

## 13. Wyoming Medical Center (Wyoming, US)

- Grand Rounds Lecture November 29, 2016
- "Limb Salvage or Restoration? A multidisciplinary approach to optimizing form and function."

#### 14. Chinese Orthopedics Association Meeting (China)

- Visiting Professor April 11, 2015
- Lecture, "Is Immediate Weight Bearing Safe for Periprosthetic Distal Femur Fractures Treated with Locking Plate?"

#### **Book Chapters**

- 1. **Stoneback JW**, Gorman MG. "Pelvic Fractures" in Surgical Decision Making, 6<sup>th</sup> Ed., Edited by Drs. Robert C. McIntyre and Richard Schulick. 2019 March 26. ISBN: 9780323525244
- 2. **Stoneback JW.** Pubic Symphysis Disruption. In: lobst C., Frick S. (eds) Pediatric Orthopedic Trauma Case Atlas. Springer, Cham, 2018 Feb 10. Online ISBN 978-3-319-28226-8.
- 3. **Stoneback JW**, Ziran BH. "Hip Trauma" in Orthopaedic Knowledge Update 11. American Academy of Orthopaedic Surgeons, edited by Dr. Lisa K Cannada, Rosemont, IL. 2014

#### **Peer Reviewed Articles**

- Gaffney BMM, Gimarc D, Thomsen-Freitas PB, Pattee J, Wong C, Milius DW, Melton DH, Christiansen CL, Stoneback JW. Associations Between Skeletal Alignment and Biomechanical Symmetry Before and After Transfemoral Bone-anchored Limb Implantation. Clin Orthop Relat Res. 2024 Dec 24. doi: 10.1097/CORR.000000000003344. Epub ahead of print. PMID: 39745233.
- 2. Epperson AB, Awad ME, Gorman M, Loker K, Alfonso NA, **Stoneback JW**. Clinical practice guidelines for antimicrobial-loaded cements and beads in orthopedic trauma and arthroplasty. Eur J Orthop Surg Traumatol. 2024 Nov 25;35(1):25. doi: 10.1007/s00590-024-04132-0. PMID: 39585403.
- 3. Ammons DT, Chow L, Goodrich L, Bass L, Larson B, Williams ZJ, **Stoneback JW**, Dow S, Pezzanite LM. Characterization of the single cell landscape in normal and osteoarthritic equine joints. Ann Transl Med. 2024 Oct 20;12(5):88. doi: 10.21037/atm-24-40. Epub 2024 Oct 15. PMID: 39507442; PMCID: PMC11534742.

- 4. Vandenberg NW, Wheatley BB, Carpenter RD, Christiansen CL, **Stoneback JW**, Gaffney BMM. Feasibility of predicting changes in gait biomechanics following muscle strength perturbations using optimal control in patients with transferoral amputation. Comput Methods Biomech Biomed Engin. 2024 Sep 10:1-15. doi: 10.1080/10255842.2024.2399038. Epub ahead of print. PMID: 39256913.
- 5. Tracy JB, Gaffney BMM, Thomsen PB, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**. Dynamic gait stability and stability symmetry for people with transfemoral amputation: A case-series of 19 individuals with bone-anchored limbs. J Biomech. 2024 Jun;171:112208. doi: 10.1016/j.jbiomech.2024.112208. Epub 2024 Jun 25. PMID: 38941842; PMCID: PMC11251498.
- 6. Thomsen PB, Gaffney BMM, Tracy JB, Vandenberg NW, Awad ME, Christiansen CL, **Stoneback JW**. Cumulative loading increases and loading asymmetries persist during walking for people with a transfemoral bone-anchored limb. Gait Posture. 2024 Sep;113:46-52. doi: 10.1016/j.gaitpost.2024.05.019. Epub 2024 May 27. PMID: 38843706; PMCID: PMC11381168.
- 7. Vinson AL, Vandenberg NW, Awad ME, Christiansen CL, **Stoneback JW**, M M Gaffney B. The biomechanical influence of transtibial Bone-Anchored limbs during walking. J Biomech. 2024 May;168:112098. doi: 10.1016/j.jbiomech.2024.112098. Epub 2024 Apr 15. PMID: 38636112; PMCID: PMC11151175.
- 8. Awad ME, Melton D, Shaw KG, Lev G, Gaffney BMM, Christiansen CL, **Stoneback JW.** How Comprehensive and Efficient Are Patient-Reported Outcome Measures for Individuals with Lower Extremity Amputation Undergoing Implantation of Osseointegrated Bone Anchored Limbs? JBJS Rev. 2024 Mar 15;12(3). doi: 10.2106/JBJS.RVW.23.00235. PMID: 38489397.
- 9. Gaffney BMM, Thomsen PL, Leijendekkers R, Christiansen CL, **Stoneback JW**. Lumbopelvic Movement Coordination during Walking Improves with Transfemoral Osseointegrated Prostheses: Implications for Low Back Pain. Gait Posture. 2024 Mar;109:318-326. doi: 10.1016/j.gaitpost.2024.02.015. Epub 2024 Feb 24. PMID: 38432038; PMCID: PMC11015906.
- 10. Roda GF, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. The Amputated Limb Gluteus Medius is Biomechanically Disadvantaged in Patients with Unilateral Transfemoral Amputation. Ann Biomed Eng. 2024 Mar;52(3):565-574. doi: 10.1007/s10439-023-03400-0. Epub 2023 Nov 9. PMID: 37946055; PMCID: PMC10922424.
- 11. Awad ME, Chung JY, Griffin N, **Stoneback JW**, Alfonso NA. Prophylactic Intrawound Antibiotics Significantly Reduce the Risk of Deep Infections in Fracture Fixation: Subgroup Meta-analyses of the Type of Fracture, Antibiotics, and Organism. J Orthop Trauma. 2023 Oct 1;37(10):e400-e409. doi: 10.1097/BOT.000000000002641. PMID: 37296086.
- 12. Vandenberg NW, **Stoneback JW**, Davis-Wilson H, Christiansen CL, Awad ME, Melton DH, Gaffney BMM. Unilateral transfemoral osseointegrated prostheses improve joint loading during walking. J Biomech. 2023 Jun;155:111658. doi: 10.1016/j.jbiomech.2023.111658. Epub 2023 May 26. PMID: 37276681; PMCID: PMC10330663.
- 13. Awad ME, Davis-Wilson HC, Christiansen CL, Gaffney BMM, Lev G, Enabulele E, Hoyt C, **Stoneback JW**. Changes in lower extremity joint moments one-year following osseointegration in individuals with Transfemoral lower-limb amputation: A case series. Clin Biomech (Bristol, Avon). 2023 Apr;104:105948. doi: 10.1016/j.clinbiomech.2023.105948. Epub 2023 Mar 27. PMID: 37043833; PMCID: PMC10988390.

- 14. Gaffney BMM, Davis-Wilson HC, Awad ME, Tracy J, Melton DH, Lev G, **Stoneback JW**, Christiansen CL. Daily steps and stepping cadence increase one-year following prosthesis osseointegration in people with lower-limb amputation. Disabil Rehabil. 2024 Apr;46(7):1432-1437. doi: 10.1080/09638288.2023.2200036. Epub 2023 Apr 19. PMID: 37073780; PMCID: PMC10584988.
- 15. Shah, Viral; Qiu, Shijing; **Stoneback, Jason**; Qamar, Lubna; Ferguson, Virginia; Kohrt, Wendy; Snell-Bergeon, Janet; Rao, D. Sudhaker. Bone Structure and Turnover in Postmenopausal Women with Long-Standing Type 1 Diabetes. JBMR Plus Special Issue on Diabetes and Bone Health. 16 Nov 2023. Vol 7, Issue 11. https://doi.org/10.1002/jbm4.10831
- 17. Roda GF, **Stoneback JW**, Gimarc D, Gaffney BMM. Above knee socket prosthesis use changes proximal femur morphology. Bone. 2023 Jul;172:116752. doi: 10.1016/j.bone.2023.116752. Epub 2023 Mar 31. PMID: 37004980; PMCID: PMC10198956.
- 18. Davis-Wilson HC, Christiansen CL, Gaffney BMM, Lev G, Enabulele E, Hoyt C, **Stoneback JW**. Changes in lower extremity joint moments one-year following osseointegration in individuals with Transfemoral lower-limb amputation: A case series. Clin Biomech (Bristol, Avon). 2023 Apr;104:105948. doi: 10.1016/j.clinbiomech.2023.105948. Epub 2023 Mar 27. PMID: 37043833.
- 19. Gaffney BMM, Davis-Wilson HC, Christiansen CL, Awad ME, Lev G, Tracy J, **Stoneback JW**. Transfemoral Osseointegrated Prostheses Improve Balance and Balance Confidence in Individuals with Unilateral Transfemoral Limb Loss. *Gait and Posture* (2023), 100: 132 138. doi: 10.1016/j.gaitpost.2022.12.011. PMID: 36521257.
- 20. Anderson CB, Kittelson AJ, Wurdeman SR, Miller MJ, **Stoneback JW**, Christiansen CL, Magnusson DM. Understanding decision-making in prosthetic rehabilitation by prosthetists and people with lower limb amputation: a qualitative study. Disabil Rehabil. Epub 2022 Apr 7:1-10. doi: 10.1080/09638288.2022.2037745. PMID: 35389313; PMCID: PMC9537359.
- 21. Gaffney BMM, Vandenberg NW, Davis-Wilson HC, Christiansen CL, Roda GF, Schneider G, Johnson T, **Stoneback JW**. Biomechanical compensations during a stand-to-sit maneuver using transfemoral osseointegrated prostheses: A case series. Clin Biomech (Bristol, Avon). 2022 Aug; 98:105715. doi: 10.1016/j.clinbiomech.2022.105715. Epub 2022 July 9. PMID: 35839740.
- 22. Pezzanite LM, Hendrickson DA, Dow S, **Stoneback JW**, Chow L, Krause D, Goodrich L. Intra-articular administration of antibiotics in horses: Justifications, risks, reconsideration of use and outcomes. Equine Vet J. 2022 Jan;54(1):24-38. doi: 10.1111/evj.13502. Epub 2021 Sep 21. PMID: 34459027.
- 23. Ramalingam WG, Carry P, Brazell C, Calkins R, Linza-Moscati S, **Stoneback JW**, Miller NH. Outcomes of displaced adolescent distal third tibia fractures: can we do better? J Pediatr Orthop B. 2022 Mar 1;31(2):e147-e153. doi: 10.1097/BPB.0000000000000896. PMID: 34285160.
- 24. **Stoneback, Jason W. MD;** Donaldson, Nathan DO; Ignatiuk, Ashley MD; Iorio, Matthew L. MD, Multidisciplinary Team-based Amputee Care: Level Sparing Surgical Techniques and Treatment of Chronic Pain, Techniques in Orthopaedics: December 2021 Volume 36 Issue 4 p 314-320 doi: 10.1097/BTO.0000000000000561

- 25. **Stoneback JW**, Erdman MK, Marecek GS. Management of Segmental Tibial Bone Defects with a Motorized Intramedullary Bone Transport Nail: A Case Review With Follow-Up. Journal of Orthopaedic Trauma. 2021 Oct;35(Suppl 4):S13-S18. DOI: 10.1097/bot.000000000002119. PMID: 34533481.
- 26. Pezzanite L, Chow L, Hendrickson D, Gustafson DL, Russell Moore A, **Stoneback JW**, Griffenhagen GM, Piquini G, Phillips J, Lunghofer P, Dow S, Goodrich LR. Evaluation of Intra-Articular Amikacin Administration in an Equine Non-inflammatory Joint Model to Identify Effective Bactericidal Concentrations While Minimizing Cytotoxicity. Front Vet Sci. 2021 May 21;8:676774. doi: 10.3389/fvets.2021.676774. PMID: 34095281; PMCID: PMC8175670.
- 27. Quattlebaum, Denise G. PA-C; Loker, Kristin M. DNP, ONP-C; **Stoneback, Jason W.** MD External Fixation in Orthopaedic Trauma and Limb Reconstruction, JBJS Journal of Orthopaedics for Physician Assistants: July-September 2021 Volume 9 Issue 3 p e21.00013
  - a. doi: 10.2106/JBJS.JOPA.21.00013.
- 28. Loker, Kristin M. DNP, ONP-C; Quattlebaum, Denise PA-C; **Stoneback, Jason W.** MD1 External Fixation in Orthopaedic Trauma and Limb Reconstruction, JBJS Journal of Orthopaedics for Physician Assistants: July-September 2021 Volume 9 Issue 3 e21.00014 doi: 10.2106/JBJS.JOPA.21.00014. *Best Article Award 2021*.
- 29. McCabe LT, **Stoneback JW,** Yi JA, Hiatt WR, Jesse MK, Wohlauer MV. Plantar Flexion-Induced Entrapment of the Dorsalis Pedis Artery in a Teenaged Cross-Country Runner. Ann Vasc Surg. 2021 Jan;70:213-218. doi: 10.1016/j.avsg.2020.03.045. Epub 2020 Apr 22. PMID: 32333951.
- 30. Gitomer B, Pereira R, Salusky IB, **Stoneback JW**, Isakova T, Cai X, Dalrymple LS, Ofsthun N, You Z, Malluche HH, Maddux F, George D, Torres V, Chapman A, Steinman TI, Wolf M, Chonchol M. Mineral bone disease in autosomal dominant polycystic kidney disease. Kidney Int. 2021 Apr;99(4):977-985. doi: 10.1016/j.kint.2020.07.041. Epub 2020 Sep 11. PMID: 32926884; PMCID: PMC7993988.
- 31. Reisenauer CR, **Stoneback JW**; Muscle, Ligaments and Tendons Journal. Rodeo Injuries: The Role of Safety Equipment. June 2020 Original Article, 192-200 doi:10.32098/mltj.02.2020.05
- 32. Schoenecker JG; Children's Orthopaedic Trauma and Infection Consortium for Evidence Based Study (**CORTICES**) Group. Defining the volume of consultations for musculoskeletal infection encountered by pediatric orthopaedic services in the United States. *PLoS One*. 2020;15(6):e0234055. Published 2020 Jun 4. doi:10.1371/journal.pone.0234055
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- 44. Anderson ME, Mcdevitt K, Cumbler E, Bennett H, Robison Z, Gomez B, **Stoneback JW**. Geriatric Hip Fracture Care: Fixing a Fragmented System. *Perm J*. 21:16-104. doi: 10.7812/TPP/16-104. Epub 2017 Apr 14. PubMed PMID: 28488991; PubMed Central PMCID: PMC5424597.
- 45. Smith WR, **Stoneback JW**, Morgan, SJ, Stahel PF. Is Immediate Weight Bearing Safe for Periprosthetic Distal Femur Fractures Treated by Locked Plating? A Feasibility Study in 52 Consecutive Patients. Patient Saf Surg. 2016 Dec 7;10:26. PMID: 27980675.
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- 49. Griffin SM, **Stoneback JW**. Navigating the orthopaedic trauma fellowship match from a candidate's perspective. J Orthop Trauma. 2011 Dec;25 Suppl 3:S101-103. PMID: 22089852.
- 50. **Stoneback JW**, Hak DJ. Diagnosis and management of necrotizing fasciitis. Orthopedics. 2011 Mar;34(3):196-202. PMID: 21410101.
- 51. Flierl MA, **Stoneback JW**, Beauchamp KM, Hak DJ, Morgan SJ, Smith WR, Stahel PF. Femur shaft fracture fixation in head-injured patients: when is the right time? J Orthop Trauma. 2010 Feb;24(2):107-114. PMID: 20101135.
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- 53. Russell TA, Mir HR, **Stoneback JW**, Cohen J, Downs B. Avoidance of malreduction of proximal femoral shaft fractures with the use of a minimally invasive nail insertion technique (MINIT). J Orthop Trauma. 2008 Jul;22(6):391-398. PMID: 18594303.

#### **Podium Presentations**

- 1. Gaffney BMM, Ekdahl M, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**. Dynamic Hip Muscle Force Symmetry is Improved with Transfemoral Bone-Anchored Limb Use. 2024 Global Collaborative Congress on Osseointegration. Charlotte, NC. November 2-3, 2024.
- 2. Thomsen PB, **Stoneback JW**, Tracy JB, Gaffney BMM, Awad ME, Melton DH, Christiansen CL. Cumulative joint loads and loading symmetry during sit-to-stand transitions for transferoral bone-anchored limb users: a case series. 2024 Global Collaborative Congress on Osseointegration. Charlotte, NC. November 2-3, 2024.
- 3. Christiansen CL, Thomsen PB, Blad MJ, Juarez-Colunga E, Melton DH, Gaffney B, **Stoneback JW.** Transfemoral Osseointegrated Prosthesis Limb-Load Symmetry Training: Study Protocol and 1-Year Progress. 2024 Military Health System Research Symposium (MHSRS) Kissimmee, FL. August 26-29, 2024.
- 4. Tinsley JP, Carpenter, RD, Vandenberg W, **Stoneback JW**, Gaffney BMM. Investigating the Impact of Porous Coating Extend and Bone Density on Mechanical Stresses for Patients with Bone-Anchored Limbs. 2024 Military Health System Research Symposium (MHSRS) Kissimmee, FL. August 26-29, 2024.
- 5. Gaffney BMM, Gimarc DC, Thomsen PB, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**. The Role of Pre-Operative Skeletal Alignment on Post-Operative Lumbopelvic Biomechanics in Transfemoral Bone-Anchored Limbs. 2024 Military Health System Research Symposium (MHSRS) Kissimmee, FL. August 26-29, 2024.
- 6. Shaw KG; Awad ME; Gaffney B; Melton D; **Stoneback JW.** "Diagnostic Criteria for Infection After Bone-Anchored Limb Implantation." Presented at Western Orthopedic Association 2024 Annual Fall Meeting. Huntington Beach, CA. August 7-10, 2024.

- 7. Shaw KG; Awad ME; Gaffney B; Melton D; **Stoneback JW.** "Patient-Reported Outcomes of Pain and Quality of Life Following Implantation of Bone-Anchored Limb." Presented at Western Orthopedic Association 2024 Annual Fall Meeting. Huntington Beach, CA. August 7-10, 2024.
- 8. Tracy JB, Gaffney BMM, Thomsen PB, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**. Changes in Between-Limb Kinematic Symmetry are Reduced Across a Range of Self-Selected Speeds when Walking with a Transfemoral Bone-Anchored Limb. 2024 Annual Meeting of the American Society of Biomechanics. Madison, WI. August 5-8, 2024.
- 9. Colorado Limb Donning Timed Up and Go (COLD -TUG) Test: Development and Preliminary Validation in Patients with Lower Limb Amputation Before and After Implantation of Bone Anchored Limb. 2024 Twentieth Century Orthopaedic Association Annual Meeting. Lake Geneva, WI. July 31- August 4, 2024.
- 10. Shaw K, Awad M, **Stoneback JW.** Diagnostic Criteria for Infection After Bone-Anchored Limb Implantation. 2024 Western Orthopaedic Association Annual Meeting, Miami, FL. July 17-20, 2024.
- 11. Epperson AB; Awad ME; **Stoneback JW**. Bone Anchored Limb Prosthesis for Complex Congenital Focal Femoral Deficiency: A Case Report. Association of Children's Prosthetic-Orthotic Clinics 2024 Annual Meeting, Denver, CO. April 24-27, 2024.
- 12. James B. Tracy, Brecca M. M. Gaffney, Peter B. Thomsen, Mohamed E. Awad, Danielle H. Melton, Cory L. Christiansen, **Jason W. Stoneback**. Walking with a transfemoral bone-anchored limb results in greater kinematic symmetry and prosthetic limb control across self-selected walking speeds, Rocky Mountain American Society of Biomechanics. Estes Park, CO, April 11-12, 2024.
- 13. Thomsen PB, Gaffney BMM, Tracy JB, Vandenberg NW, Awad ME, **Stoneback JW**, Christiansen CL. Cumulative Loading during Overground Walking in People with Transfemoral Amputation after Bone-Anchored Limb Implantation. 2024 American Physical Therapy Association Combined Sections Meeting, Boston, MA. February 15-17, 2024.
- 14. Earley EJ; Awad ME; Melton DH; Hoyt C; **Stoneback JW.** A Delphi Survey of OI Component Prescription Consensus. 2023 Global Collaborative Congress on Osseointegration, Charlotte, NC, USA. November 3-4, 2023.
- 15. Awad ME; Keeter C; Melton D; Shaw KG; Gaffney B; **Stoneback JW.** Defining the Learning Curve: Two-Stage Press-Fit Osseointegration of Bone Anchored Limb in Patients with Transfemoral Amputation. 2023 Global Collaborative Congress on Osseointegration, Charlotte, NC, USA. November 3-4, 2023.
- 16. Awad ME; Lev G; Shaw KG; Thomsen PB; Melton D; Gaffney B; Christiansen CL; **Stoneback JW**. Colorado Limb Donning Timed Up and Go (COLD -TUG) Test: Development and Preliminary Validation in Patients with Lower Limb Amputation Before and After Implantation of Bone Anchored Limb. 2023 Global Collaborative Congress on Osseointegration, Charlotte, NC, USA. November 3-4, 2023.
- 17. Awad ME; Shaw KG; Melton D; Gaffney B; Christiansen CL; **Stoneback JW.** Predictors of Postoperative Complications Following Two-stage Bone Anchored Limb Implantation in Patients with Trans-femoral Amputation: An Analysis of 30-, 90-Day, One-year Incidence and Patient Risk Factors. 2023 Global Collaborative Congress on Osseointegration. Charlotte, NC, USA. November 3-4, 2023.

- 18. Moore E, Wohlauer MV, Jesse MK. **Stoneback JW.** Unusual Case Of Exertional Leg Pain: Dorsalis Pedis Artery Entrapment Syndrome From Hypertrophied Ehl Muscle Belly. 47<sup>th</sup> Annual Meeting of the Midwestern Vascular Surgical Society. Minneapolis, MN. September 7-9, 2023.
- 19. James B. Tracy, Mohamed E. Awad, Danielle H. Melton, **Jason W. Stoneback**, Brecca M. M. Gaffney, Cory L. Christiansen. Balance confidence and walking margin of stability symmetry after lower-extremity prosthesis osseointegration: a case series. National American Society of Biomechanics 2023 Annual Meeting. Knoxville, TN. August 8-11, 2023.
- 20. Vandenberg NW, Wheatley B, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Predicting the Effects of Hip Strength Changes on Gait Dynamics in Patients with Transfemoral Amputation. National American Society of Biomechanics 2023 Annual Meeting. Knoxville, TN. August 8-11, 2023.
- 21. Vinson, A.L, Vandenberg, N.W., Awad, M.E., Melton, D., Christiansen, C.L., **Stoneback, J.W.**, Gaffney, B.M.M. Knee Joint Biomechanics Before and After Transtibial Prosthesis Osseointegration. National American Society of Biomechanics 2023 Annual Meeting. Knoxville, TN. August 8-11, 2023.
- 22. Gaffney BMM, Vandenberg NW, Awad ME, Melton DH, Tracy JB, Thomsen PB, Christiansen CL, **Stoneback JW**. Effects of Transfemoral Prosthesis Osseointegration on Cumulative Hip Joint Loading in Civilian Adults. 2023 Military Health System Research Symposium, Kissimmee, FL. August 14 17, 2023.
- 23. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Enabulele E; Melton D, **Stoneback JW.** Limb Reconstruction with Osseointegrated Transfemoral Prosthesis Implantation following Radical Amputation for Lower Extremity Tumors. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 24. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Lev G, Melton D, **Stoneback JW**. Defining the Minimal Clinically Important Difference of Health-Related Quality of Life Measures following Osseointegrated Transfemoral Prosthesis Implantation. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 25. Tracy JB, Awad ME, Melton DH, **Stoneback JW**, Gaffney BMM, Christiansen CL. Balance Confidence and Walking Margin of Stability Symmetry after Lower-Extremity Prosthesis Osseointegration: A Case Series. 2023 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 7-8, 2023.
- 26. Tinsley JP, Gaffney BMM, Vandenberg NW, Vinson AL, **Stoneback JW**, Carpenter RD. Comparing Bone-Implant Interface Stresses of TF and TT Osseointegrated Implants during Walking. 2023 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 7-8, 2023.
- 27. Roda GF, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Biomechanical Disadvantage of Amputated Limb Gluteus Medius in Patients with Unilateral Transfemoral Amputation. 2023 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 7-8, 2023.
- 28. Vandenberg NW, Wheatley B, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Feasibility of Predicting Gait Dynamics from Altered Hip Strength in a Patient with Transfemoral Amputation. 2023 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 7-8, 2023.

- 29. Vinson AL, Vandenberg NW, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Knee Joint Biomechanics Before and After Transtibial Prosthesis Osseointegration. 2023 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 7-8, 2023.
- 30. Davis-Wilson HC, **Stoneback JW**, Gaffney BMM, Lev G, Bernhardt L, Mcfadden R, Baggett K, Awad ME, Christiansen CL. Physical Activity and Step Cadence Increase One-Year Following Prosthesis Osseointegration in People with Lower-limb Amputation. American Physical Therapy Association Combined Sections Meeting, San Diego, CA. February 23-25, 2023.
- 31. Griffin N, Awad ME, Alfonso N, **Stoneback JW.** Is a Sacroiliac Periosteal Avulsion (SIPA) Associated with Posterior Pelvic Fracture Instability in Pediatric Patients Less than 13 years Old? Student American Osteopathic Academy of Orthopedics Fall Conference. Chicago, IL. November 4, 2022.
- 32. Griffin N, Awad ME, Alfonso N, **Stoneback JW**. Risk Factors for Recurrent Osteomyelitis When Undergoing Septic Nonunion Repair. A Neural Network and Multivariate Regression Analysis. Student American Osteopathic Academy of Orthopedics Fall Conference, Chicago, IL. November 4, 2022.
- 33. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Defining the Minimal Clinically Important Difference of Health-Related Quality of Life Measures following Osseointegrated Transfemoral Prosthesis Implantation. University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022. *Mack Clayton Research Award Finalist*.
- 34. Shaw K, Awad ME, Melton D, **Stoneback JW.** Patient-Reported Outcomes of Pain and Related Quality of Life One-Year Following Osseointegration in Patients with Lower Extremity Amputations. Orthopedic Research and Education Foundation-Central West Region Resident Research Symposium. Aurora, CO. September 28, 2022. **2022 OREF Top Presenters (2<sup>nd</sup> Place) Award.**
- 35. Rakowski D, Awad ME, Griffin N, **Stoneback JW**, Alfonso N. Outcomes of Extra-articular Distal Femur Fracture Fixation: A Network Meta-analysis and Probability-based Projected Costs comparing Different Intramedullary Nailing and Plating Techniques. Orthopedic Research and Education Foundation-Central West Region Resident Research Symposium. Aurora, CO. September 28, 2022.
- 36. Koerner JL; Enabulele E; Awad ME; Griffin N; Gorman M; **Stoneback JW**; Alfonso N. Acute Application of Intrawound Antibiotic Powder in Open Extremity Fracture Wounds (APOW). Orthopedic Research and Education Foundation-Central West Region Resident Research Symposium. Aurora, CO. September 28, 2022.
- 37. Vandenberg N; Davis-Wilson H; Christiansen C; Carpenter D; **Stoneback JW**; Gaffney B. Associations between Hip Joint Biomechanics and Patient-Reported Outcomes in Civilian Adults after Transfemoral Prosthesis Osseointegration. 2022 Military Health System Research Symposium (MHSRS), 12-15 September-Kissimmee, FL, USA.
- 38. Gaffney B, Davis H, Christiansen C, Guy L, **Stoneback JW**; Transfemoral Osseointegrated Prostheses Improve Balance During Quiet Standing. Presented at World Congress of Biomechanics-2022, Taipei International Convention Center, Taipei, Taiwan. July 10, 2022
- 39. Gaffney BMM, Vandenberg NW, Davis-Wilson H, Christiansen CL, Schneider G, Johnson T, **Stoneback JW**. Changes in Hip Muscle Force Contributions during Stand-to-Sit Transition after Osseointegrated Amputation. Orthopaedic Research Society 2022 Annual Meeting. Tampa, FL. February 4-8, 2022.

- 40. Davis-Wilson HC, Christiansen CL, Gaffney BMM, Lev G, Enabulele E, Hoyt C, **Stoneback JW**. Patient-Reported Outcomes and Timed Up and Go Following Osseointegration in People with Lower-Limb Amputation. American Physical Therapy Association Combined Sections Meeting. San Antonio, TX. February 2-5, 2022.
- 41. Pezzanite L, Dow S, Chow L, McIlwraith CW, Phillips J, Griffenhagen G, Hendrickson D, Johnson S, Daniels J, Moore AR, Hess A, **Stoneback JW**, Johnson V, Schaer T, Engiles JB, Werpy N, Schnabel L, Gilbertie J, Goodrich L. Intra-articular administration of TLR-3 activated allogeneic mesenchymal stromal cells significantly reduces bacterial burden and pro-inflammatory biomarkers in synovial fluid in an equine model of multidrug resistant Staphylococcal septic arthritis. University of Colorado 3<sup>rd</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. Aurora, CO. November 10, 2021.
- 42. Frölke JP, **Stoneback JW**, Turcott R, Khemka A. International Society Prosthetics Orthotics 18<sup>th</sup> World Congress Virtual Edition, "Starting and Managing an Osseointegration Surgical and Rehabilitation program for Lower Limb Amputees. How I do it." Virtual November 1-4, 2021.
- 43. Pezzanite L, Dow S, Chow L, Phillips J, Griffenhagen G, Hendrickson D, Mcilwraith CW, Johnson S, Moore A, **Stoneback JW**, Johnson V, Engiles J, Werpy N, Schnabel L, Gilbertie J, Daniels J, Schaer T, Goodrich L. TLR-activated MSCs mitigate septic arthritis. ACVS Conference 2021, Chicago, ILAmerican College of Veterinary Surgeons 2021 Surgery Management of Common Equine Foot Disease. *TLR-3 Activated MSCs Mitigate Septic Arthritis*. Chicago, IL. October 7-9, 2021.
- 44. Sax-Bolder A, Enabulele E, **Stoneback JW**, Higuchi T. 2021 South Central Section of American Urological Association's Meeting. *Multidisciplinary Surgical Management of Pubic Osteomyelitis*. Scottsdale, AZ. September 29-October 2, 2021.
- 45. Sax-Bolder A, Enabulele E, **Stoneback JW**, Higuchi T. 2021 Annual Meeting of the American Urological Association (AUA). Is Preoperative Biopsy And Bone Culture Necessary Before Surgery For Pubic Osteomyelitis Caused By The Urinary System? Scottsdale, AZ. September 29 October 2, 2021.
- 46. Enabulele E, **Stoneback JW.** Amputee Coalition's 2021 Virtual National Conference, "3D-Motion Capture is Changing Amputee Assessment," September 29-October 2, 2021.
- 47. Sax-Bolder A, Enabulele E, **Stoneback JW**, Higuchi T. 2021 Annual Meeting of the American Urological Association (AUA). Is Preoperative Biopsy And Bone Culture Necessary Before Surgery For Pubic Osteomyelitis Caused By The Urinary System? Las Vegas, NV. September 10-13, 2021.
- 48. Trizno AA, Heare A, **Stoneback JW**. The Effect of Canal Fill on Pediatric Forearm Fractures Treated with Intramedullary Nailing. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2020. Orlando, FL. March 24-28, 2020.
- 49. **Stoneback JW,** Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. Poster presented at Western Orthopedic Association Rapid Fire Session. Monterey, California. August 2, 2019.
- 50. **Stoneback JW**, Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. Poster presented at Western Pediatric Trauma Conference. Telluride, CO. July 17-19, 2019.

- 51. Moore A, Adam D, Reisenauer CR, **Stoneback JW**. Orthopedic Weekend Discharge Advanced Practice Provider Coverage. Podium presentation at 2019 University of Colorado Orthopedic Resident and Fellow Research Day. Aurora, CO. June 20, 2019.
- 52. Ramalingam W, Carry P, Brazell C, Calkins R, Linza-Moscati S, **Stoneback JW**, Miller N. Treatment Outcomes of Displayed Adolescent Distal Third Tibia Fractures: Can We Do Better? Poster presented at: 2019 POSNA Annual Meeting: Subspecialty Day Sessions. Charlotte, North Carolina, May 17<sup>th</sup>, 2019.
- 53. **Stoneback JW,** Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. Poster presented at: 2019 POSNA Annual Meeting: Subspecialty Day Sessions. Charlotte, North Carolina, May 17<sup>th</sup>, 2019.
- 54. McCabe LT, **Stoneback, JW**, Yi JA, Hiatt WR, Jesse MK, Wohlauer MV; Plantar Flexion-Induced Entrapment of the Dorsalis Pedis Artery in a Teenaged Cross-Country Runner. Vascular & Endovascular Surgery Society, Steamboat, CO. September 4, 2019.
- 55. **Stoneback JW,** Rothman MS, Trizno AA, Jones CD, Cumbler E, McDevitt K, Wallace MA. Fewer Fatal Fractures: Impact of Comprehensive Geriatric Hip Fracture Program On 1-Year Mortality. Western Orthopaedic Association 82<sup>nd</sup> Annual Meeting. Snowmass, CO. August 1-4, 2018.
- 56. Koehler R, Mignemi M, Shore BJ, Baldwin KD, Rosenfeld SB, Upasani VV, Spence DD, Li GY, Denning JR, Goldstein RY, Miller ML, Murphy JS, Brighton BK, Copley LA, Janicki JA, Beebe AC, Laine JC, **Stoneback JW**, Ruiz JR, Amaro E, Schoenecker JG, (CORTICES). The Epidemiology and Regional Burden of Musculoskeletal Infection in Pediatric Orthopaedics, American Academy of Surgeons Annual Meeting, New Orleans, LA. March 8, 2018.
- 57. Wilson J, Ginde A, Cumbler E, Anderson M, Browne V, Jacknin G, Bookman K, **Stoneback JW**, Lewiss RE. Implementation of an Ultrasound-guided Fascia Iliaca Block Training for Emergency Medicine Physicians: Lessons in Change Management. 5<sup>th</sup> World Congress Ultrasound in Medical Education, Montreal, Canada, October 13, 2017.
- 58. Koehler R, Baldwin KD, Copley LA, Spence D, Janicki J, Laine J, Li Y, Miller M, Shore B, **Stoneback JW**, Upasani S, Brighton B, Mignemi M, Beebe A, Denning JR, Goldstein RY, Murphy J, Rosenfeld S, Ruiz R, Schoenecker J. The Epidemiology and Regional Burden of Musculoskeletal Infection In Pediatric Orthopaedics. American Academy of Pediatrics (APP) Section of Orthopaedics (SOOr), Chicago, IL. September 16-19, 2017.
- 59. Leyendecker M, Soucie C, Carry P, **Stoneback JW.** Broken bone? Here's your ticket to ride; organizing high volume fracture care at a level 1 pediatric trauma center. Western Pediatric Trauma Conference. Santa Barbara, CA. July 12, 2017.
- 60. Heare A, Goral D, Belton M, Beebe C, **Stoneback JW**. Intramedullary Implant Choice and Cost in the Treatment of Pediatric Diaphyseal Forearm Fractures. 31st Annual Student Research Forum, University of Colorado Anschutz Medical Campus. Aurora, CO. December 13, 2016.
- 61. Heare A, Goral D, Belton M, Beebe C, **Stoneback JW.** Intramedullary Implant Choice and Cost in the Treatment of Pediatric Diaphyseal Forearm Fractures, The Clinical Orthopaedic Society 104<sup>th</sup> Annual Meeting, New Orleans, LA. September 29 October 1, 2016.

- 62. Heare A, Goral D, Belton M, Beebe C, **Stoneback JW.** Intramedullary Implant Choice and Cost in the Treatment of Pediatric Diaphyseal Forearm Fractures, 2016 Western Pediatric Trauma Conference, Aspen/Snowmass, CO. July 20, 2016. **3**<sup>rd</sup> **Place Podium Presentation.**
- 63. Anderson M, Bennett H, Cumbler E, McDevitt K, Robinson Z, **Stoneback JW.** Geriatric Hip Fracture Care: Fixing a Fragmented System, Quality and Patient Safety Symposium, 28<sup>th</sup> Annual Rocky Mountain Interprofessional Research & Evidence-Based Practice Symposium, Denver, CO. April 15, 2016.
- 64. Garg S, Erickson E, Hemphill N, Bowman, M, Wathen J, Siparsky D, Quackenbush D, Pickard D, **Stoneback JW**, Georgopoulos G. Femoral Shaft Fracture Clinical Care Guideline. QI & Etai's Quality Improvement Symposium, Children's Hospital Colorado, Aurora, CO. June 22, 2015.
- 65. Gitomer BY, Pereira RC, Malaczewski MR, Wolf MS, Salusky IB, **Stoneback JW**, Chonchol M. Identification of a Bone Defect in ADPKD. American Society of Nephrology Kidney Week. Philadelphia, PA. November 11-13, 2014.
- 66. **Stoneback JW**, Davies K, Carry P, Zhaoxing P, Sink EL, Miller NH. Clinical and Radiographic Outcomes After Submuscular Plating (SMP) of Pediatric Femoral Shaft Fractures. Pediatric Orthopedic Society of North America, 2014 Annual Meeting. Hollywood, CA. April 30 May 3, 2014.
- 67. **Stoneback, JW**, Morgan SJ, Smith WR. Is Immediate Weight Bearing Safe for Periprosthetic Distal Femur Fractures Treated with Locked Plating? Orthopedic Trauma Association, 2013 Annual Meeting. Phoenix, AZ. Oct 11, 2013. *OTA Highlight Paper Award*.
- 68. **Stoneback, JW**, Murray TN, Flynn K, Sink EL. Submuscular Plating vs. Titanium Elastic Nails in the Treatment of Unstable Pediatric Femur Fractures: Two Year Follow Up. The Children's Hospital-Denver Annual Orthopedic Day 2010, Aurora, CO.
- 69. **Stoneback JW**, Nowak TS. Markers of Neurodegeneration in a Model of Very Delayed Postischemic Injury. NIH Medical Student Research Fellowship Symposium 2003 Memphis, TN.

## **Invited Lectures/Course Faculty**

- 1. Global Collaborative Congress on Osseointegration, "Explant and Replant After Failed OI," Charolette, NC. November 2, 2024.
- 2. Orthopaedic Trauma Association Education Forum, The Future is Now: Osseointegration for Amputation Reconstruction Symposium. "Get it in: OI Fixation Types," Montreal, Canada. October 23, 2024.
- 3. Orthopaedic Trauma Association Education Forum, Panel Discussion "Let's Get It Started! Standing Up a Program," Montreal, Canada. October 23, 2024.
- 4. Limb Lengthening and Reconstruction Society Association for the Study and Application of the Methods of Ilizarov–North America, Moderator, "Session XI: Osseointegration Part 2" Hollywood Beach, FL. July 13, 2024.

- 5. Nottingham Masters Limb Reconstruction Forum, "Osseointegration not just for Cowboys" Nottingham, United Kingdom. May 20-21, 2024.
- 6. Nottingham Trauma & Orthopaedic Trauma Society, "Tricky Decisions: When to Amputate" Nottingham, United Kingdom. May 20-21, 2024.
- 7. University of Colorado Orthopedics Hand Surgery Core Lecture, "Osseous Integration, TMR and Other Solutions for Limb Salvage." Aurora, CO. June 12, 2024.
- 8. William J. Mills All Alaska Orthopedic Conference, "Osseointegration Surgical Technique and Implants." Girdwood, AK. April 12-14, 2024.
- 9. William J. Mills All Alaska Orthopedic Conference, "Osseointegration Rehabilitation Outcomes and Research." Girdwood, AK. April 12-14, 2024.
- 10. William J. Mills All Alaska Orthopedic Conference," Critical-Size Bone Defect Tibia Nonunions: Evaluation and Management." Girdwood, AK. April 12-14, 2024.
- 11. Limb Lengthening and Reconstruction Society ASAMI North America/Society of Military Orthopaedic Surgeons American Academy of Orthopaedic Surgeons Annual Meeting Specialty Day, "Osseointegration Rehabilitation: University of Colorado Approach to Bone Anchored Limb Rehabilitation." San Francisco, CA. February 16, 2024.
- 12. Global Collaborative Congress on Osseointegration, Moderator, "Skin and Soft Tissue." Charlotte, NC. November 3-4, 2023.
- 13. Global Collaborative Congress on Osseointegration, "Implant Selection: I've Tried Them All and Here's What I Think." Charlotte, NC. November 3-4, 2023.
- 14. American Congress of Rehabilitation Medicine Annual Conference, "Symposium: Osseointegration Restoring and Optimizing Limbs with an Interdisciplinary Team." Atlanta, GA. October 30 November 2023.
- 15. American Orthotic and Prosthetic Association National Assembly, "Comparison of Surgical Techniques: Ertl Procedure & Osseointegration." Indianapolis, IN. September 6-9, 2023.
- 16. Amputee Coalition National Conference, "Osseointegration in the US: Today and Tomorrow" Co-Presented with Dr. Jeffrey Cain. Orlando, FL. August 2-5, 2023.
- 17. UCHealth Trauma Outreach Grand Rounds, "Caring for the Injured Rodeo Patient." Virtual. May 26, 2023.
- 18. International Society for Prosthetics and Orthotics World Congress, "Advanced Instructional Course: International Update on Bone Anchored Prosthesis for Individuals with Limb Amputation" Co-Presented with Dr. Jan Paul Frölke and Laurent Frossard. Guadalajara, Mexico. April 24-27, 2023.
- 19. International Society for Prosthetics and Orthotics World Congress, "Special Interest Group for Bone Anchored Limbs" Co-Presented with Dr. Jan Paul Frölke, Ruud Leijendekkers, Laurent Frossard, and Dr. Robin Atallah. Guadalajara, Mexico. April 24-27, 2023.

- 20. Limb Preservation Foundation 2<sup>nd</sup> Annual Symposium, "Osseointegration in Amputees: Orthopedic Perspective on Surgical Technique, Implant Selection and Rehabilitation" Co-Presented with Dr. Jason Souza and Gini Thomas. Golden, CO. April 21, 2023.
- 21. 49<sup>th</sup> American Academy of Orthotists and Prosthetists Annual Meeting and Scientific Symposium, "Clinical Management and Treatment of Patients with Osseointegrated Protheses." Nashville, TN. March 1-4, 2023.
- 22. 2023 Bobby Menges Memorial HSS Limb Reconstruction Course, "Choosing the Optimal OI Implant for My Patient." New York, NY. January 27, 2023.
- 23. 1<sup>st</sup> Annual Global Collaborative Congress on Osseointegration, "Indications for Trans-Tibial Osseointegration." Charlotte, NC. November 5, 2022.
- 24. Colorado Metabolic Bone Conference, "Geriatric Hip Fractures." Denver, CO. October 28, 2022.
- 25. American Orthotic and Prosthetic Association Annual Meeting, "Osseointegration in the U.S. -- Prosthetic Implications for Today and Tomorrow." San Antonio, TX. September 28 October 1, 2022.
- 26. 2022 Association of Perioperative Registered Nurses Annual Workshop Denver Chapter, "Osseointegration in Amputees: Empowering Amputees to have No Limits." Denver, CO. September 23, 2022.
- 27. Lamplighters Orthopaedic Association Annual Meeting, "Osseointegration in Amputees From Sockets to Cyborgs." Coeur d'Alene, ID. August 25, 2022.
- 28. Limb Preservation Foundation Webinar Series, "Curious about Osseointegration in Amputees?" Virtual. July 19, 2022.
- 29. University of Colorado Department of Orthopedics Hand Section Conference, "Osseointegration, TMR and Other Solutions for Limb Salvage." Co-presented with Dr. Matthew Iorio. Aurora, CO. July 6, 2022.
- 30. Orthopedic Trauma Association 2022 Fracture Night in America webinar series, "Lower Extremity Trauma: Post-traumatic Limb Reconstruction." Virtual. June 8, 2022.
- 31. 2<sup>nd</sup> Annual North American Osseointegration Symposium, "The full spectrum of care, from patient selection to rehab." Chicago, IL. March 24, 2022.
- 32. 4<sup>th</sup> International Extreme Sports Medicine Congress, "Junior Rodeo Concerns: Underreporting Injuries?" Boulder, CO. May 20-21, 2022.
- 33. 4<sup>th</sup> International Extreme Sports Medicine Congress, "Guidelines for Treatment of Open Fractures in the Field and in Level 1 Trauma Center." Boulder, CO. May 20-21, 2022.
- 34. Amputek Osseointegration Workshop, "Osseointegration in Amputees: Historical Origins, Patient Selection and Surgical Technique." Las Vegas, NV. February 12, 2022.
- 35. Hospital for Special Surgery 2022 Bobby Menges Memorial Limb Deformity Course: Limb Salvage with Osseointegration, "Rock Mountain Osseointegration Experience." Virtual. January 28, 2022.
- 36. Trauma/Limb Restoration TSF Lab, University of Colorado. Aurora, CO. November 2, 2021.

- 37. Amputee Coalition's 2021 Virtual National Conference, "Osseointegration Panel Discussion," September 29-October 2, 2021.
- 38. Inaugural North American Osseointegration Symposium, "University of Colorado Osseointegration Program," San Diego, CA. September 1, 2021.
- 39. AAOS/OTA Daily Dilemmas in Trauma (Virtual Course), Course Faculty. May 22, 2021.
- 40. POSNA 2021 Annual Meeting, "Pelvis Fractures: Which Really Need Fixation?" Dallas, TX May 14, 2021.
- 41. University of Colorado Virtual Symposium, "Osseointegration in Amputees Historical Origins, Patient Evaluation, Surgical Intervention and Rehabilitation." Virtual. April 20, 2021.
- 42. Keylnco, "Osseointegration Innovation in the Care of Amputees. "Virtual. January 22,2021
- 43. Orthopaedic Trauma Association Annual Meeting 2020 NuVasive Specialized Orthopedics (Virtual Course Faculty), "Managing Segmental Bone Defects with Precise Bone Transport Nail." October 15,2020.
- 44. Orthopaedic Trauma Association Annual Meeting 2020 NuVasive Specialize Orthopedics (Virtual Course Faculty), "Managing Segmental Bone Defects with Precise Bone Transport Nail." October 21, 2020.
- 45. University of Colorado: Foot & Ankle Multidisciplinary Meeting (Webinar), "Osseointegration-Innovation in Amputee Care." Aurora, CO, April 6, 2020.
- 46. UCHealth Emergency Medical Services Symposium (Webinar), "Limb Restoration/Osseointegration Innovation in the Management of Traumatic Amputation," Aurora, CO, March 12, 2020.
- 47. Platte Valley Hospital, "Extremity Limb Salvage and Reconstruction a multidisciplinary approach to optimizing form and function," Brighton, CO, February 13, 2020.
- 48. University of Colorado Department of Orthopedics Resident Core Curriculum, "Biology of Bone Repair/ AO Principles of Fracture Fixation." Aurora, CO, February 12, 2020.
- 49. University of Colorado Department of Orthopedics Resident Core Curriculum, "Nonunion and Malunion Principles." Aurora, CO, February 12, 2020.
- 50. Essentials of Taylor Spatial Frame Course (Course Faculty), "When and How to Include the Foot." Tempe, AZ, January 24, 2020.
- 51. Essentials of Taylor Spatial Frame Course (Course Faculty), "Biomechanics of Stable Frames & Orthogonal Ring Mount." Tempe, AZ, January 24, 2020.
- 52. Essentials of Taylor Spatial Frame Course (Course Faculty), "Mounting Parameters." Tempe, AZ, January 24, 2020.
- 53. UCHealth Burn QI Committee, "Osseointegration A New Frontier of Amputee Care." Aurora, CO January 16, 2020.

- 54. University of Colorado, Transforming Health Care: A Lecture Series Presenting the Future of Medicine, "Osseointegration." Aurora, CO, November 4, 2019.
- 55. University of Colorado, Clinical Leadership Council, "Weekend APP Discharge Presentation," Aurora, CO, October 25, 2019.
- 56. Western Orthopedic Association, "Critical-Size Bone Defect Tibia Nonunions: Evaluation and Management," Hyatt Regency Monterey, CA, August 3, 2019.
- 57. Western Orthopedic Association, Rapid Fire Session 1A, "Trauma Fixation & Fracture Healing," Hyatt Regency Monterey, Monterey, CA, August 1, 2019.
- 58. University of Colorado Department of Orthopedics Medical Student Lecture Series, Introduction to Orthopedics ORTH 6620 Lunch and Learn, "Extremity Complex Reconstruction," Aurora, CO, March 20, 2019.
- 59. Anchorage Orthopedic Society William J Mills III All Alaska Orthopedic Conference (Guest Speaker), "When will this tibia fracture heal? No callus, what do I do now?" Girdwood, AK, March 3, 2019.
- 60. Anchorage Orthopedic Society William J Mills III All Alaska Orthopedic Conference (Guest Speaker), "Pediatric Knee Dislocations and Fractures about the Knee," Girdwood, AK, March 3, 2019.
- 61. Anchorage Orthopedic Society William J Mills III All Alaska Orthopedic Conference (Guest Speaker), "Pediatric Farm and Ranch Injuries," Girdwood, AK, March 2, 2019.
- 62. Anchorage Orthopedic Society William J Mills III All Alaska Orthopedic Conference (Guest Speaker), "Orthopedic Injuries on the Professional Rodeo Circuit." Girdwood, AK, March 2, 2019.
- 63. Anchorage Orthopedic Society William J Mills III All Alaska Orthopedic Conference (Guest Speaker), "Skeletal Maturity Implications for Fixations of Long Bone Fractures," Girdwood, AK, March 1, 2019.
- 64. UCHealth University of Colorado Hospital Board, "Points of Pride Presentation: University of Colorado Limb Restoration Program," Aurora, CO January 15, 2019.
- 65. Advanced Trauma Interactions: Challenging Cases Symposium, San Francisco, CA November 2-3, 2018.
- 66. Lamplighters Annual Meeting, "Rodeo Extreme Sports Injuries," Washington DC October 12, 2018.
- 67. Zoobiquity Colorado, "Limb Preservation: Hope for the toughest salvage cases," Aurora, CO, October 6, 2018.
- 68. 21st Annual North Dakota Statewide Trauma Conference, "Limb Restoration," Fargo, ND, October 4, 2018.
- 69. Rocky Mountain Orthopedic Trauma Symposium, "When will this tibia fracture heal? No callus, what to do now?" Vail, CO September 22, 2018.
- 70. Rocky Mountain Orthopedic Trauma Symposium, "High Energy Tibial Plateau Fracture." Vail, CO, September 22, 2018.
- 71. UCHealth Trauma Symposium, "Ortho trauma, splinting, temporary stabilization and case review track", Aurora, CO, August 24, 2018.

- 72. Colorado Clinical & Translational Sciences Institute (CCTSI) Research Studio Program Expert Panelist/Collaboration with Animal Research, Aurora, CO, June 15, 2018.
- 73. Third International Extreme Sports Medicine Congress, "Pediatric and Adolescent Injury in Rodeo," Boulder, CO, June 1-2, 2018.
- 74. Third International Extreme Sports Medicine Congress, "Guidelines for Treatment of Open Fractures in the Field and in Level 1 Trauma Center," Boulder, CO, June 1-2, 2018.
- 75. Third International Extreme Sports Medicine Congress, "Rodeo Injuries You thought BASE jumping was crazy?" Boulder, CO, June 1-2, 2018.
- 76. University of Colorado Health, Annual Rehabilitation Symposium, "Limb restoration program –a multidisciplinary approach to limb preservation and restoration and physical therapy implications," Aurora, CO, April 26, 2018.
- 77. Young Presidents Organization Dinner Table Host, "Unconventional Thinkers: Medical Scientist Soiree" Anschutz Medical Campus, Aurora, CO, April 26, 2018.
- 78. Aspen Rotary Club, "University of Colorado Hospital Multidisciplinary Approach to Optimizing Form and Function," Aspen, CO, March 22, 2018.
- 79. Valley View Hospital Outreach Lecture, "University of Colorado Hospital Multidisciplinary Approach to Optimizing Form and Function," Glenwood Springs, CO, March 22, 2018.
- 80. Aspen Business Luncheon, "University of Colorado Hospital Multidisciplinary Approach to Optimizing Form and Function," Aspen, CO, March 21, 2018.
- 81. 5th Annual University of Colorado Hospital EMS Conference, "Orthopedic Trauma: Splinting, temporary stabilization and case reviews," Aurora, CO, March 15, 2018.
- 82. Rocky Mountain Hand Surgery Society Educational Meeting, "Complex Upper Extremity Trauma," Denver, CO, March 14, 2018.
- 83. Metro Denver Outpatient Physical Therapy Group, "Limb Lengthening and Complex Reconstruction for Physical Therapy," Aurora, CO, January 18, 2018.
- 84. Children's Hospital Colorado, "Children's Hospital Colorado 2018 Rodeo Experience," Chairman. Aurora, CO January 12, 2018.
- 85. Justin Sports Medicine 2017 Rodeo Conference: Management of the Injured Rodeo Athlete, "Case Report: Stirrup Injury in an Adolescent Female Rodeo Athlete," Las Vegas, NV, December 11-12, 2017.
- 86. UCHealth Trauma, Critical Care and EMS Symposium, "Limb Salvage or Restoration?" Colorado Spring, CO, August 18, 2017.
- 87. Western Pediatric Trauma Conference, "Skeletal Maturity Implications for the Fixation of Long Bone Fractures," Santa Barbara, CA, July 13, 2017.

- 88. Children's Orthopedic Day, "Building a Pediatric Trauma Service," Aurora, CO, April 21, 2017.
- 89. University of Colorado, Operation Trustees Reception, "Limb Restoration," (Keynote Speaker), Aurora, CO, February 9, 2017.
- 90. Children's Hospital Colorado Center for Clinical Operational Excellence, "Orthopedic Trauma Operational Metrics," Aurora, CO, February 1, 2017.
- 91. Children's Hospital Colorado, "3rd Annual Children's Hospital Colorado Rodeo Experience," Chairman. Aurora, CO, January 13, 2017.
- 92. Caring for the Injured Rodeo Athlete, "Nonunion of the Distal Humerus in a Junior Rodeo Athlete," Las Vegas, NV, December 5-6, 2016.
- 93. Caring for the Injured Rodeo Athlete, "Cervical Spine and Brachial Plexus Injuries Moderator," Las Vegas, NV, December 5-6, 2016.
- 94. Colorado Pediatric Trauma Conference, "Pediatric Knee Dislocations and Fractures about the Knee," Aurora, CO, November 16, 2016.
- 95. University of Colorado Orthopedic Resident Core Curriculum Lecture, "Pediatric Knee Dislocations and Physeal Fractures About the Knee," Aurora, CO, November 16, 2016.
- 96. Rocky Mountain Orthopaedic Conference, "Complex Reconstruction Case Presentation," Denver, CO, October 13, 2016.
- 97. Children's Hospital Colorado Emergency and Trauma Outreach Symposium, "Extreme Sports Injuries," Glenwood Springs, CO, September 9, 2016.
- 98. Children's Hospital Colorado Emergency and Trauma Outreach Symposium, "Compartment Syndrome," Glenwood Springs, CO, September 9, 2016.
- 99. 2016 Western Pediatric Trauma Conference, "Point Counter-Point: Pelvis Fractures," Aspen/Snowmass, CO, July 20-22, 2016.
- 100. 2016 Western Pediatric Trauma Conference, Late Morning Session Moderator, Aspen/Snowmass, CO, July 20-22, 2016
- 101. 2016 Western Pediatric Trauma Conference, "Extremity Compartment Syndrome," Aspen/Snowmass, CO, July 20-22, 2016.
- 102. University of Colorado Hospital Outreach, "Geriatric Hip Fracture Program Impact on Trauma Center," Vail, CO, July 13, 2016.
- 103. University of Colorado Orthopedic Resident Core Curriculum Lecture, "Pediatric Ankle Fractures," Aurora, CO, June 29, 2016.

- 104. 2nd Annual International Extreme Sports Medicine Congress, "Rodeo Injuries You Thought BASE Jumping is Crazy," Boulder, CO, June 11, 2016.
- 105. 2nd Annual International Extreme Sports Medicine Congress, "Tibial Plateau Fractures Bad Landing Phenomenon..." Boulder, CO, June 11, 2016.
- 106. 8th Annual Western Colorado Trauma Conference, "Pediatric Farm and Ranch Injuries," Delta, CO, May 6, 2016.
- 107. Rocky Mountain Orthopaedic Conference, "Limb Restoration Case Presentation," Denver, CO, March 10, 2016.
- 108. Children's Hospital Colorado Periop Class, "Skeletal Maturity Implications for Fixation of Long Bone Fractures," Aurora, CO, February 29, 2016.
- 109. University of Colorado Medical Student Lecture Series, "Principles of Fracture Care," Aurora, CO, February 17, 2016.
- 110. UC Hospital Trauma Nurse Program Meeting, "Limb Restoration," Aurora, CO, February 1, 2017.
- 111. Children's Hospital Colorado, "2nd Annual Children's Hospital Colorado Rodeo Experience," Chairman. Aurora, CO January 19, 2016.
- 112. Caring for the Injured Rodeo Athlete, "Traumatic Ear Lacerations Evaluation and Management," Las Vegas, NV, December 7-8, 2015.
- 113. Journal of the American Academy of Orthopaedic Surgeons Webinar, "Pediatric Knee Dislocations and Physeal Fractures about the Knee" Mayer S, Albright JC, Stoneback JW, Karol LA. October 6, 2015.
- 114. University of Colorado Hospital Leadership Hardwiring Event, "UCH Geriatric Hip Fracture Program" Aurora, CO, September 29, 2015.
- 115. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Farm and Rodeo Injuries," Grand Junction, CO, September 10-11, 2015.
- 116. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Extreme Sports ATV Injuries," Grand Junction, CO, September 10-11, 2015.
- 117. Rocky Mountain Trauma Symposium (Denver Health) "Pediatric Femoral Shaft Fractures: Which Treatment for Which Age Group?" Beaver Creek, CO, August 7-9, 2015.
- 118. Rocky Mountain Trauma Symposium (Denver Health) "Clavicle Fractures: Standard of Care in 2015" Beaver Creek, CO, August 7-9, 2015.
- 119. Rocky Mountain Trauma Symposium (Denver Health) "Femoral Shaft Fractures", Beaver Creek, CO, August 7-9, 2015.
- 120. 2015 Western Pediatric Trauma Conference, "Farm and Ranch Injuries", Park City, UT, July 15-17, 2015.
- 121. 2015 Western Pediatric Trauma Conference, "Extreme Sports", Park City, UT, July 15-17, 2015.

- 122. Children's Hospital Colorado, Trauma Critical Care Nursing Education, "Compartment Syndrome, Mangled Extremities and Pelvis Fractures," Aurora, CO, June 24, 2015.
- 123. Children's Hospital Colorado, Fracture Management Workshop for Operating Room Staff, "Skeletal Maturity Implications for Fixation of Long Bone Fractures," Aurora, CO, May 2, 2015.
- 124. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Farm, Rodeo and ATV Injuries," Jackson, WY, April 29-30, 2015.
- 125. Children's Hospital Colorado Emergency and Trauma Outreach Symposium, "Extreme Sports Orthopedic Injuries," Jackson, WY, April 29-30, 2015.
- 126. University of Colorado Hospital 2nd Annual EMS Conference, "Compartment Syndrome," Aurora, CO, March 12, 2015.
- 127. Children's Hospital Colorado, "The Children's Hospital Colorado Rodeo Experience," Coordinator. Aurora, CO January 20, 2015.
- 128. 2014 Colorado Pediatric Trauma Conference, "Extreme Sports Injuries," Aurora, CO, November 20, 2014.
- 129. University of Colorado Hospital, US Antarctic EMS Program, "Extremity Crush and Mangled Extremity Injuries," Aurora, CO, November 12, 2014.
- 130. 2014 Rocky Mountain Hospital Medicine Symposium Perioperative Medicine Summit, "Geriatric Hip Fractures: Orthopedic Pearls for the Hospitalist," Denver, CO, October 9, 2014.
- 131. Children's Hospital Colorado, Emergency Room Nursing Education, "Pediatric Pelvis Fractures," Aurora, CO, October 13, 2014.
- 132. Children's Hospital Colorado, Pediatric Intensive Care Unit Nursing Education, "Pediatric ICU Pelvis Fractures, Compartment Syndrome and Mangled Extremities," Aurora, CO, October 8, 2014.
- 133. 1st Annual Colorado EMS Wilderness Medicine Conference, "Rodeo Injuries," Aurora, CO, September 19, 2014.
- 134. 102nd Clinical Orthopedic Society Annual Meeting, "Age Dependent Management of Pediatric Femur Fracture," Colorado Springs, CO, September 11, 2014.
- 135. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Farm, Rodeo and ATV Injuries," Scottsbluff, NE, September 3-4, 2014.
- 136. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Pediatric Femur Fractures," Scottsbluff, NE, September 3-4, 2014.
- 137. 2014 University of Colorado Health and Denver Health Trauma Consortium Acute Care Surgery, Trauma and EMS Conference "Management of Complex Pelvic Fracture" Colorado Springs, CO. August 23-24, 2014.
- 138. 2014 University of Colorado Health and Denver Health Trauma Consortium Acute Care Surgery, Trauma and EMS Conference "Extremity Injury Splinting and Reduction for EMS" Colorado Springs, CO. August 23-24, 2014.

- 139. Children's Hospital Colorado Emergency Department/NOC CME Lecture, "Pelvic Fractures," Aurora, CO, June 30, 2014.
- 140. 2014 Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Extreme Sports Injuries," Vail, Co, June 25-26, 2014.
- 141. Children's Hospital Colorado Emergency and Trauma Outreach Symposium "Pediatric Femur Fractures," Vail, CO, June 25-26, 2014.
- 142. 1st Annual International Extreme Sports Medicine Congress, "Tibial Plateau Fractures in Crash Landings," Boulder, CO, June 14, 2014.
- 143. 1st Annual International Extreme Sports Medicine Congress, "Rodeo Injuries," Boulder, CO, June 13, 2014.
- 144. Children's Hospital Colorado Emergency Department/NOC CME Lecture, "Pelvic Fractures," Aurora, CO, June 9, 2014.
- 145. University of Colorado Hospital EMS CMS Lecture Series, "Orthopedic Trauma-What You Need To Know," Aurora, CO, May 23, 2014.
- 146. Children's Hospital Colorado Emergency Department/NOC CME Lecture, "Compartment Syndrome and Basic Splinting," Aurora, CO. April 14, 2014.
- 147. University of Colorado Hospital EMS Conference, "Orthopedic Trauma Case Reviews," Aurora, CO. March 20, 2014.
- 148. University of Colorado Hospital EMS Strausburg Spring Mini Conference, "EMS Orthopedic Trauma Considerations," Aurora, CO. March 15, 2014.
- 149. University of Colorado Hospital Trauma Conference Influencing Quality Care, "Orthopedic Trauma Considerations," Aurora, CO, February 24, 2014.
- 150. University of Colorado Hospital Trauma Conference Influencing Quality Care, "Traction Breakout Session," Aurora, CO. February 24, 2014.
- 151. University of Colorado, Introduction to Orthopedics Medical Student Lecture "Principles of Fracture Care," Aurora, CO, February 12, 2014.
- 152. Children's Hospital Colorado EMT Outreach Trauma Conference, "Rodeo and Farm Injuries" Invited Lecture, Aurora, CO, January 31, 2014.
- 153. Children's Hospital Colorado Pediatric Trauma Conference, "Rodeo and Farm Injuries," Aurora, CO, November 15, 2013.
- 154. University of Colorado Orthopedic Resident Core Curriculum Lecture, "Pediatric Femoral Shaft Fractures," Aurora, CO, September 25, 2013.
- 155. Memorial Annual Trauma Symposium, "Geriatric Fracture Care," Colorado Springs, CO, August 24, 2013.

- 156. Rocky Mountain Trauma Symposium (Denver Health) "Ankle Fractures/Problem Fractures," Denver, CO, August 3, 2013.
- 157. Western Orthopedic Association "Salvage of Failed Proximal Femur Fracture Fixation" Discussion Moderator, Lake Tahoe, CA. August 1, 2013.
- 158. Western Orthopedic Association "General Topics" Session Paper Moderator, Lake Tahoe, CA, August 1, 2013.
- 159. University of Colorado Hospital Emergency Medical Services Continuing Medical Education Lecture Series, "Fractures of the Pelvis," Aurora, CO, May 24, 2013.
- 160. University of Colorado Orthopedic Resident Core Curriculum Lectures Series, "Radiographic Evaluation, Anatomy and Classification of Acetabular Fractures; Surgical Approaches & Treatment of Acetabular Fractures," Aurora, CO, January 2013.
- 161. University of Colorado Medical Student Lecture Series, "Principles of Fracture Care," Aurora, CO, January 2013.
- 162. Saint Louis University School of Medicine Orthopedic Resident Lecture Series, "Tibial Shaft Fractures," St. Louis, MO, August 2012.
- 163. 11th Annual Advances in Arthritis, Arthroplasty and Trauma, "Indications and Technique for External Fixation in Knee Injuries: Technical Pearls," St. Louis, MO, April 2012.
- 164. 11th Annual Advances in Arthritis, Arthroplasty and Trauma, "Patella Fractures," St. Louis, MO, April 2012.
- 165. Saint Louis University School of Medicine Skin, Bone and Joint Medical Student Lecture Series, "Common Fractures," St. Louis, MO, March 2012.
- 166. University of Florida-Jacksonville, "Treatment Options in Extra-Articular Distal Tibia Fractures," Jacksonville, FL. October 2011.

#### **Poster Presentations**

- Earley EJ, Milius D, Awad ME, Melton DH, Delphi Steering Committee, Christiansen CL, Gaffney BMM, Stoneback JW. Consensus via the Delphi Method on Transfemoral Prosthesis Prescription for Bone-Anchored Limbs. 2024 Global Collaborative Congress on Osseointegration. Charlotte, NC. November 2-3, 2024.
- 2. Thomsen-Freitas PB, **Stoneback JW**, Tracy JB, Awad ME, Melton DH, Gaffney BMM, Christiansen CL. Cumulative joint loads and loading symmetry during sit-to-stand transitions for transfemoral bone-anchored limb users: a case series. 6th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. Aurora, CO, October 23, 2024.

- 3. Singer J, Williams Z, Easley J, McGilvray K, Dow S, Impastato R, Shaw K, Awad M, Earley E, **Stoneback JW** and Pezzanite L. Cellular immunotherapy to reduce infection and promote implant retention of bone-anchored limbs. University of Colorado 6<sup>th</sup> Annual Orthopedic Research Symposium and D'Ambrosia Diversity Lectureship. **Visiting Trainee Poster Award Finalist**. Denver, CO. October 23, 2024.
- 4. Thomsen-Freitas PB, **Stoneback JW**, Tracy JB, Awad ME, Melton DH, Gaffney BMM, Christiansen CL. Cumulative joint loads and loading symmetry during sit-to-stand transitions for transfemoral bone-anchored limb users: a case series. 6th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. Aurora, CO. October 23, 2024.
- 5. Earley EJ, Milius D, Awad ME, Melton DH, Christiansen CL, Gaffney BMM, **Stoneback JW**. "An International Delphi Method Study to Develop Consensus on Prosthetic Prescription for Bone- Anchored Limbs," 6<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. Aurora, CO. October 23, 2024.
- 6. Vandenberg N, Wheatley B, Carpenter D, Christiansen C, **Stoneback JW**, Gaffney B. Simulated Gait Retraining for Patients with Unilateral Transfemoral Bone-Anchored Limbs. Eastern Colorado Health Care System VA Research Day 2024, Aurora, CO. September 26, 2024.
- 7. Vandenberg NW, Wheatley B, Carpenter RD, Christiansen CL, **Stoneback JW**, Gaffney BMM. Feasibility of In-Silico Gait Retraining for Patients with Unilateral Transfemoral Bone-Anchored Limbs. 2024 Annual Meeting of the American Society of Biomechanics. Madison, WI. August 5-8, 2024.
- 8. Ekdahl M, Vandenberg NW, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Hip Muscle Force Changes after Transfemoral Bone-Anchored Limb Implantation. 2024 Annual Meeting of the American Society of Biomechanics. Madison, WI. August 5-8, 2024.
- 9. Epperson AB, Awad ME, Gorman M, **Stoneback JW**, Alfonso NA, "Skin Dysbiosis Increases the Risk of Infection and Complications Following Operative Fixation of Femoral Shaft Fractures"; e-Poster Presentation at Western Orthopedic Association 2024 Annual Fall Meeting. Huntington Beach, CA. August 7-10, 2024;
- 10. Epperson AB, Awad ME, Loker K, Alfonso NA, **Stoneback JW.** "Clinical Practice Guidelines for Antimicrobial-Loaded Cements and Beads in the Treatment of Infected Devices in Orthopedic Trauma and Arthroplasty." Medical Student Orthopedic Society 2024 Annual Meeting. Baltimore, MD. April 21, 2024.
- 11. Lev G, Swanson A, Awad M, Thomsen P, **Stoneback J**W, Christiansen C. "Quality of Life Improvements in People with Lower Extremity Bone Anchored Limbs Using the SF36." UCHealth 2024 Rehabilitation Symposium, Aurora, CO. April 18, 2024.
- 12. Vandenberg NW, Wheatley B, Carpenter RD, Christiansen CL, **Stoneback JW**, Gaffney BMM. Feasibility of In-Silico Gait Retraining for Patients with Unilateral Transfemoral Bone-Anchored Limbs. 2024 Annual Meeting of the Rocky Mountain American Society of Biomechanics, Estes Park, CO. April 5-6, 2024.
- 13. Awad ME, Lev G, Gaffney BMM, Melton DH, Christiansen CL, **Stoneback JW**. Colorado Limb Donning Timed Up and Go (COLD TUG) Test: Development and Preliminary Validation in Patients with Lower Limb Amputation Before and After Osseointegrated Prosthesis. American Academy of Orthopaedic Surgeons 2024 Annual Meeting. San Francisco, CA. February 12 -16, 2024.

- 14. Awad ME, Shaw KG, Melton D, Gaffney BB, Christiansen CL, **Stoneback JW**; The Incidence of Secondary Disabilities, Residual Limb Complications, and Mortality following Lower Limb Amputations in the United States: A Multicenter Database Analysis. American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA. February 12-16, 2024.
- 15. Lev G, Swanson A, Awad M, Thomsen P, Christian C, Gaffney B, **Stoneback JW**. Quality of Life Improvements in People with Lower Extremity Bone Anchored Limbs Using the SF36. American Physical Therapy Association Combined Sections Meeting, Boston, MA. February 15-17, 2024.
- 16. Epperson AB; Awad ME; Alfonso NA; **Stoneback JW**. Clinical Practice Guidelines for Antimicrobial-Loaded Cements and Beads in the Treatment of Infected Devices in Orthopaedic Trauma: Institutional Experience; Presented at Orthopaedic Research Society 70th Annual Meeting, Long Beach, CA, USA. February 2-6, 2024.
- 17. Vandenberg NW, Wheatley B, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. In-Silico Hip Strength Changes Affect Movement Patterns and Joint Loading in Patients with Transfemoral Bone-Anchored Limbs. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.
- 18. Awad ME, Shaw KG, Melton D, Gaffney BB, Christiansen CL, **Stoneback JW**; The Incidence of Secondary Disabilities, Residual Limb Complications, and Mortality following Lower Limb Amputations in the United States: A Multicenter Database Analysis. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.
- 19. Awad ME, Shaw KG, Gaffney BB, Melton D, **Stoneback JW**; Infections after Press-fit Bone Anchored Limb Implantation in Patients with Transfemoral Amputations: An Algorithm-based Approach. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.
- 20. Awad ME, Guy L, Shaw KG, Thomsen PB, Melton D, Gaffney BB, Christiansen CL, Stoneback JW; Colorado Limb Donning Timed Up and Go (COLD -TUG) Test: Development and Preliminary Validation in Patients with Lower Limb Amputation Before and After Implantation of Bone Anchored Limb. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.
- 21. Awad ME, Keeter C, Melton D; Shaw KG, Gaffney BB, **Stoneback JW**; Defining the Learning Curve: Two-Stage Press-Fit Osseointegration of Bone Anchored Limbs in Patients with Transfemoral Amputation. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.
- 22. Awad ME, Shaw KG, Melton D; Gaffney BB, Christiansen CL; **Stoneback JW**; Predictors of Postoperative Complications Following Two-Stage Bone Anchored Limb Implantation in Patients with Transfemoral Amputation: An Analysis of 30-, 90-Day, One-year Incidence and Patient Risk Factors. University of Colorado 5th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 25, 2023.

- 23. Alfonso N, Griffin N, Awad M, Gorman M, Koerner J, Mauffrey C, **Stoneback JW**. Acute Application of Antibiotic Powder in Open Fracture Wounds (APOW): A Pilot Project. Orthopedic Trauma Association Annual Conference, Seattle, WA. October 18-21, 2023.
- 24. Epperson, AB, Awad ME, Gorman, M, **Stoneback JW**, Alfonso NA. Hidradenitis Suppurativa Increases Risk of Surgical Site Infection Following Acute Fixation of Femoral Shaft Fractures; Poster Presentation at Student American Osteopathic Academy of Orthopedics 2023 Annual Fall Meeting, Colorado Springs, CO, USA. October 6-7, 2023.
- 25. Tracy JB, Christiansen CL, Awad ME, Melton DH, Gaffney BMM, **Stoneback JW.** Balance Confidence and Walking Margins of Stability after Lower-Extremity Prosthesis Osseointegration: A case series. 2023 Military Health System Research Symposium, Kissimmee, FL. August 14 17, 2023.
- 26. Roda GF, Awad ME, Melton DH, Christiansen CL, **Stoneback JW**, Gaffney BMM. Biomechanical Disadvantage of Amputated Limb Gluteus Medius in Patients with Unilateral Transfemoral Amputation. National American Society of Biomechanics 2023 Annual Meeting, Knoxville, TN. August 8-11, 2023.
- 27. Shaw K, Awad ME, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**. Patient-Reported Outcomes of Pain and Related Quality of Life One-Year Following Osseointegration in Patients with Lower-Extremity Amputations. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 28. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Lev G, Melton D, **Stoneback JW.** Minimal Clinically Important Difference for change in Case-Specific Patient Reported Outcome Measures following Osseointegrated Transfemoral Prostheses Implantation. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 29. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**. How Comprehensive and Efficient Are Patient-Reported Outcomes for Osseointegrated Prosthesis Implantation in Patients with Lower-Limb Loss?. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 30. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Enabulele E; Melton D, **Stoneback JW.** What is the correlation between Patient-Reported Outcome Measures and Patient Satisfaction following Osseointegrated Transfemoral Prosthesis Implantation?. Limb Lengthening and Reconstruction Society 32<sup>nd</sup> Annual Meeting, Lake Tahoe, CA. July 14-15, 2023.
- 31. Tinsley, J., Gaffney, D., & **Stoneback, J.** A Comparison of Bone Stresses in Transtibial and Transfemoral Osseointegrated Prostheses. Association for Clinical and Translational Science Annual Conference, Washington DC. April 17-20, 2023.
- 32. Griffin NA, Awad ME, Alfonso NA, **Stoneback JW.** A Sacroiliac Periosteal Avulsion Is Associated with Pelvic Instability and Better Outcomes After Operative Treatment In Patients ≤13 Years Of Age. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.

- 33. Griffin NA, Awad ME, **Stoneback JW**. Alfonso NA. Risk Factors for Recurrent Osteomyelitis Following Traumatic Fracture. A Neural Network and Multivariate Analysis. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 34. Griffin NA, Awad ME, Davis-Wilson H, Gaffney BM, Christiansen C, Enabulele E, Lev G, **Stoneback JW**. Outcomes Of Osseointegrated Transfemoral Prosthesis Implantation Limb Reconstruction after Radical Amputation for Lower Extremity Tumors. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 35. Shaw K, Awad ME, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Patient-Reported Outcomes of Pain and Related Quality of Life One-Year Following Osseointegration in Patients with Lower-Extremity Amputations. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 36. Gaffney BMM, Roda GF, Carballido-Gamio J, Awad ME, Christiansen CL, Carpenter RD, Melton DH, Strickland CD, **Stoneback JW.** Feasibility of Quantitative Magnetic Resonance Imaging in Patients with Transfemoral Osseointegrated Prostheses. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 37. Griffin NA, Awad ME, Rakowski D, **Stoneback JW**, Alfonso NA. Outcomes Of Extra-articular Distal Femur Fracture Fixation: A Network Meta-analysis Comparing Different Fixation Techniques. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 38. Griffin NA, Awad ME, Alfonso NA, **Stoneback JW.** Post-operative Infection Outcomes In Short Vs Extended Antibiotic Prophylaxis And Associated Projected Cost Following Adult Spinal Surgery: A Stratified Meta-analysis And Probability-based Cost Projection. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 39. Griffin NA, Awad ME, **Stoneback JW**, Gorman M, Koerner J, Alfonso NA. Acute Application Of Antibiotic Powder In Open Fracture Wounds (APOW): A Pilot Project. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 40. Griffin NA, Awad ME, Chung J, **Stoneback JW**, Alfonso NA. Prophylactic Intrawound Antibiotics Significantly Reduce The Risk Of Deep Infections In Fracture Fixation: Subgroup Meta-analysis Of The Type Of Fracture, Antibiotics, And Organism. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 41. Griffin NA, Awad ME, Alfonso NA, **Stoneback JW.** Initial Intravenous Antibiotic Prophylaxis Regimens For Open Fractures: Meta Analysis And Evaluation Of Current Protocols. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 42. Roda GF, Wittwer T, **Stoneback J,** Awad M, Gaffney BMM. Hip Muscle Quality In Patients With Unilateral Transfemoral Amputation. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.

- 43. Vandenberg N, **Stoneback J,** Christiansen C, Awad M, Melton D, Wheatley B, Gaffney B. Predicting Effects of Muscle Strength Changes on Joint Loading after Transfemoral Osseointegrated Prostheses. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 44. Shaw K, Awad M, Melton D, **Stoneback JW**. Patient Reported Outcomes Of Pain And Related Quality Of Life One Year Following Osseointegration In Patients With Lower Extremity Amputations. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 45. Tinsley J, Gaffney B, Vandenberg N, **Stoneback J**, Carpenter D. Estimation Of Subject-specific Bone Stress In Patients With Osseointegrated Prostheses During Walking. Orthopedic Research Society 2023 Annual Meeting. Dallas, TX. February 10-14, 2023.
- 46. Tinsley JP, Gaffney BMM, Vinson AW, **Stoneback JW**, Carpenter RD. Dynamic Bone-Implant Interface Loading in Transtibial Osseointegrated Prostheses during Activities of Daily Living. Orthopaedic Research Society 2023 Annual Meeting. February 10-14, 2023, Dallas, TX.
- 47. Griffin N, Awad ME, **Stoneback JW**, Alfonso N. What is the most effective Surgical Antimicrobial Prophylaxis to Prevent Infection after Open Fractures? A Stratified Meta-analysis. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 48. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; The Predictive Ability of Four Frailty Indices to predict Mortality and Complications following Lower-Limb Amputation. University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 49. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Osseointegrated Transfemoral Prostheses Implantation Improve Patient-Reported Outcomes in Transfemoral Amputation: A Stratified Meta-analysis. University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 50. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; How Comprehensive and Efficient Are Patient-Reported Outcomes for Osseointegrated Prosthesis Implantation in Patients with Lower-Limb Loss? University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 51. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Limb Reconstruction with Osseointegrated Transfemoral Prosthesis Implantation following Radical Amputation for Lower Extremity Tumors. Poster Presentation at the University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 52. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; What is the correlation between Patient-Reported Outcome Measures and Patient Satisfaction following Osseointegrated Transfemoral Prosthesis Implantation? University of Colorado 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.

- 53. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Minimal Clinically Important Difference for change in Case-Specific Patient Reported Outcome Measures following Osseointegrated Transfemoral Prostheses Implantation. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022. **2022 Patient IQ Improvement Award Finalist.**
- 54. Shaw K, Awad ME, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Patient-Reported Outcomes of Pain and Related Quality of Life One-Year Following Osseointegration in Patients with Lower-Extremity Amputations. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022. **2022 Best Scientific Poster-Patient IQ Quality Improvement Award.**
- 55. Shaw K, Awad ME, Gaffney BMM, Christiansen CL, Melton D, **Stoneback JW**; Patient-Reported Outcomes of Pain and Related Quality of Life One-Year Following Osseointegration in Patients with Lower-Extremity Amputations. Orthopedic Research and Education Foundation-Central West Region Resident Research Symposium, Aurora, CO. September 28, 2022. **2022 OREF Top Presenters (2<sup>nd</sup> Place) Award.**
- 56. Roda GF, Wittwer T, **Stoneback JW**, Awad ME, Gaffney BMM. Muscular atrophy and composition of the gluteal muscles in patients with transfemoral amputation. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 57. Griffin N, Awad ME, Rakowski D, **Stoneback JW**, Alfonso N. Non-union of Extra-articular Distal Femur Fracture: A Network Meta-analysis comparing Different Intramedullary Nailing and Plating Fixation Techniques. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 58. Griffin N, Awad ME, Koerner J, Gorman M, **Stoneback JW**, Alfonso N. Acute Application of Antibiotic Powder in Open Fracture Wounds: A Preview to the APOW Pilot Project. University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022.
- 59. France T, Gorman M, Griffin N, Awad ME, **Stoneback JW**, Alfonso N. A novel disaster protocol and outcomes during the first peak of COVID-19 at a level one, orthopedic trauma center. Poster Presentation at the University of Colorado 4<sup>th</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022. **2022 Resident Scientific Poster Award.**
- 60. Rakowski D, Griffin N, Awad ME, **Stoneback JW**, Alfonso N. Non-union of Extra-articular Distal Femur Fracture: A Network Meta-analysis comparing Different Intramedullary Nailing and Plating Fixation Techniques. Orthopedic Research and Education Foundation-Central West Region Resident Research Symposium, Aurora, CO, September 28, 2022.
- 61. Awad ME, Davis-Wilson HC, Gaffney BMM, Christiansen CL, Lev G, Melton D, **Stoneback JW**. Defining the Minimal Clinically Important Difference of Health-Related Quality of Life Measures following Osseointegrated Transfemoral Prosthesis Implantation. The University of Colorado, 4th Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, Aurora, CO, USA. October 5, 2022. **2022 Mack Clayton Trainee Award Finalist.**
- 62. Awad ME; Davis-Wilson H; Gaffney BM; Christiansen CL; Melton D; **Stoneback JW**. (2022) The Sensitivity and Specificity of Frailty Indices in Predicting the Mortality and Complications following Lower-Limb Amputation. 31st Annual meeting of Limb Lengthening and Reconstruction Society July 2022, Portland, OR, USA.

- 63. Awad ME; Davis-Wilson H; Gaffney BM; Christiansen CL; Melton D; **Stoneback JW.** (2022) Bone-Anchored Leg Prostheses Improve Patient-Reported Outcomes in Transfemoral Amputation: A Stratified Meta-analysis. 31st Annual meeting of Limb Lengthening and Reconstruction Society- July 2022, Portland, OR, USA.
- 64. Davis-Wilson HC, Christiansen CL, Gaffney BMM, Guy Lev, Enabulele E, Schneider G, Johnson T, **Stoneback JW**. Changes In Gait Biomechanics One-year Following Osseointegration in People with Transfemoral Amputation. 2022 American College of Sports Medicine Annual Meeting & World Congress, San Diego, CA. May 31 June 4, 2022.
- 65. Trizno AA, Peng Y, Chavarria J, Carry PM, **Stoneback JW**. Optimal Nail Diameter to Medullary Canal Ratio in Diaphyseal Tibia Fractures Treated with Intramedullary Nailing. University of Colorado School of Medicine Mentored Scholarly Activity Capstone Virtual Presentation. March 4, 2022.
- 66. Gaffney BMM, Vandenberg NW, Davis-Wilson H, Christiansen CL, Schneider G, Johnson T, **Stoneback JW.**Changes in Hip Muscle Force Contributions during Stand-to-Sit Transition after Osseointegrated
  Amputation. Orthopaedic Research Society 2022 Annual Meeting. Tampa, FL. February 4-8, 2022.
- 67. Enabulele E, **Stoneback JW**, Gorman M, Walton K, Laborda C, Alfonso N. Bioburden and Genetic Analysis of Bacteria Present in Open Fracture Wounds: A pilot study. 3<sup>rd</sup> Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 10, 2021.
- 68. Trizno AA, Peng Y, Carry PM, **Stoneback JW**. Optimal Nail Diameter to Medullary Canal Ratio in Diaphyseal Tibia Fractures Treated with Intramedullary Nailing. Poster presented OTA Annual Meeting. October 20-23, 2021.
- 69. Davis-Wilson HC, Christiansen CL, Gaffney BMM, Lev G, Enabulele E, Hoyt C, **Stoneback JW**. Patient-Reported Outcomes and Timed Up and Go Following Osseointegration in People with Lower-Limb Amputation. Submitted to the American Physical Therapy Association Combined Sections Meeting. July 2021.
- 70. Sax-Bolder A, **Stoneback JW**, Higuchi T. Concordance of Pre- and Intra Operative Biopsy in Pubic Osteomyelitis. Rocky Mountain Urological Society Meeting April 10, 2021.
- 71. Sax-Bolder A, **Stoneback JW**, Higuchi T. Multidisciplinary Surgical Management of Pubic Osteomyelitis. Rocky Mountain Urological Society Meeting April 10, 2021.
- 72. Chow L, Daniels J, **Stoneback JW**, Schnabel L, Gilbertie J, Engiles J, Schaar T, Johnson S, Wayne McIlweaith C, Phillips J, Werpy N, Johnson V, Dow S, Goodrich L. Immune Activated Mesenchymal Stromal Cell Therapy To Treat Septic Arthritis In An Equine Model. ORS 2021 Annual Meeting. February 12-16, 2021.
- 73. Trizno AA, Heare A, **Stoneback JW**. The Effect of Canal Fill on Pediatric Forearm Fractures Treated with Intramedullary Nailing. Poster presented Virtual Poster Presentation: Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 11, 2020.
- 74. Trizno AA, Peng Y, Carry PM, **Stoneback JW**. Optimal Nail Diameter to Medullary Canal Ratio in Diaphyseal Tibia Fractures Treated with Intramedullary Nailing. Poster presented Virtual Poster Presentation: Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship. November 11, 2020.

- 75. Pezzanite L, Goodrich L, Chow L, Piquini G, Phillips N, Lunghofer P, Griffenhagen G, Gustafson D, Moore R, Hendrickson D, **Stoneback JW**, Dow S. Identification of antibiotics with minimal cytotoxicity for local administration in septic arthritis. University of Colorado 2nd Annual Orthopedic Research Symposium & D'Ambrosia Diversity Lectureship, 2020, accepted for E-poster presentation; online due to COVID19. November 11, 2020. *Best Poster Award*.
- 76. Reisenauer CR, **Stoneback JW.** Comparison of Socket Prostheses and Osseointegrated Prostheses in Lower Extremity Amputees during a Long-Distance Walking Event. Poster presented Virtual Poster Presentation: American Orthotic and Prosthetic Association National Assembly. September 9-12, 2020.
- 77. Trizno AA, Peng Y, Carry PM, **Stoneback JW**. Optimal Nail Diameter to Medullary Canal Ratio in Diaphyseal Tibia Fractures Treated with Intramedullary Nailing. Poster presented at Western Medical Research Conference. January 23, 2020.
- 78. Layne JE, Reisenauer CR, LaCouture HM, Merrill SG, **Stoneback JW**. Classification and Incidence of Bacterial Infections in Infected Nonunions and Osteomyelitis Patients. Poster presented at CU Annual Student Research Forum. Aurora, Colorado. December 10, 2019.
- 79. Trizno AA, Peng Y, Carry PM, **Stoneback JW**. Optimal Nail Diameter to Medullary Canal Ratio in Diaphyseal Tibia Fractures Treated With Intramedullary Nailing. Poster presented at University of Colorado Anschutz Medical Campus 34th Annual Student Research Forum. Aurora, CO. December 10, 2019.
- 80. **Stoneback JW,** Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. Poster presented at: Western Orthopedic Association Rapid Fire Session. Monterey, California. August 2, 2019.
- 81. **Stoneback JW**, Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. Poster presented at: Western Pediatric Trauma Conference. Telluride, CO July 17-19, 2019.
- 82. Loker KM, **Stoneback JW**. Improving Postoperative Outcomes in Amputees Utilizing a Quality Improvement Approach. Poster presented at: 2019 UCH Quality & Safety Symposium; June 2019; Aurora, CO.
- 83. **Stoneback JW,** Reisenauer C, Joyce C, Calkins RT, Gralla J, Trizno AA. Secondary Surgeries Following Major Lower Extremity Amputation in the Pediatric Population. 2019 CU Orthopedics Research Symposium. Poster presented at as a finalist: CU Anschutz Medical Campus, May 8<sup>th</sup>, 2019.
- 84. Anderson CB, Wurdeman SR, Miller M, Colborn K, **Stoneback JW**, Christian CL, Kittleson A. Development of a physical function prediction model to guide prosthetic rehabilitation after lower limb amputation. Poster presented at: American Academy of Orthotics & Prosthetics. 45<sup>th</sup> Academy Annual Meeting & Scientific Symposium; March 2019.
- 85. Calkins RT, Trizno AA, **Stoneback JW.** Sacroiliac Periosteal Avulsion as an Indication of Posterior Pelvic Fracture Instability in Children. Poster presented at: The Orthopaedic Trauma Association Annual Meeting 2018. Orlando, FL. October 17-20, 2018.

- 86. Dean C, Calkins RT, Trizno AA, **Stoneback JW.** Sacroiliac Periosteal Avulsion as an Indication of Posterior Pelvic Fracture Instability in Children. Poster presented at: Western Orthopaedic Association 82<sup>nd</sup> Annual Meeting. Snowmass, CO. August 1-4, 2018.
- 87. **Stoneback JW,** Trizno AA. Pediatric and Adolescent Injury in Rodeo: A Systematic Review. Poster presented at: Western Orthopaedic Association 82<sup>nd</sup> Annual Meeting. Snowmass, CO. August 1-4, 2018.
- 88. Rothman MS, **Stoneback JW**, Trizno AA, Wallace M Anderson. "Establishment of a Comprehensive Geriatric Hip Fracture Program: 1-Year Follow Up." Poster presented at ENDO 2018 Endocrine Society Annual Meeting. March 2018. Chicago, IL.
- 89. **Stoneback JW,** Pediatric and Adolescent Injury in Rodeo: A Systematic Review. Poster presented at: Western Pediatric Trauma Conference. Park City, UT. July 18-20, 2018.
- 90. Calkins RT, Trizno AA, **Stoneback JW.** Sacroiliac Periosteal Avulsion as an Indication of Posterior Pelvic Fracture Instability in Children. Western Pediatric Trauma Conference. Poster presented at: Park City, UT. July 18-20, 2018.
- 91. Harlow A, **Stoneback JW.** Reconstruction of Open Medial-Plantar Fracture Dislocation of the Talonavicular and Calcaneocuboid Joint in an 11 Year Old Female; A Case Report. Western Pediatric Trauma Conference. Park City, UT. July 18-20, 2018.
- 92. Wallace M Anderson, Rothman MS, Trizno AA, Jones CD, Cumbler E, McDevitt K, **Stoneback JW**. "Fewer Fatal Fractures: Impact of a Comprehensive Geriatric Hip Fracture Program on 1-Year Mortality." Poster presented at: American College of Physicians Internal Medicine Meeting 2018. New Orleans, LA. April 19-21, 2018.
- 93. Calkins RT, Trizno AA, **Stoneback JW.** Sacroiliac Periosteal Avulsion as an Indication of Posterior Pelvic Fracture Instability in Children. Poster presented at: Inaugural Center for Children's Surgery Research Symposium. Aurora, CO. April 10, 2018.
- 94. Wilson J, Ginde A, Cumbler E, Anderson M, Browne V, Jacknin G, Bookman K, **Stoneback JW**, Lewiss RE. Implementation of an Ultrasound-guided Fascia Iliaca Block Training for Emergency Medicine Physicians: Lessons in Change Management. 5<sup>th</sup> World Congress Ultrasound in Medical Education, Montreal, Canada, October 13, 2017.
- 95. Koehler R, Baldwin KD, Copley LA, Spence D, Janicki J, Laine J, Li Y, Miller M, Shore B, **Stoneback JW**, Upasani S, Brighton B, Mignemi M, Beebe A, Denning JR, Goldstein RY, Murphy J, Rosenfeld S, Ruiz R, Schoenecker J. The Epidemiology and Regional Burden of Musculoskeletal Infection In Pediatric Orthopaedics. American Academy of Pediatrics (APP) Section of Orthopaedics (SOOr), Chicago, IL. September 16-19, 2017.
- 96. Calkins RT, Trizno AA, **Stoneback JW**. Pediatric Sacroiliac Fleck Sign as an Indication of Posterior Pelvic Instability. Poster presented at: Children's Hospital Colorado Musculoskeletal Research Center Summer Internship Symposium, Aurora, CO. August 8, 2017.

- 97. Linza-Moscati S, Trizno A, **Stoneback JW.** Regional Variation in Pediatric Musculoskeletal Infection. Poster presented at: Children's Hospital Colorado Musculoskeletal Research Center Summer Internship Symposium, Aurora, CO. August 8, 2017.
- 98. Leyendecker M, Distefano M, Wathen J, Plum M, Wickstrom K, **Stoneback JW.** FICNB in Pediatric Femur Fractures. QI & Qdoba Symposium, Children Hospital Colorado. Aurora, CO. July 25, 2017.
- 99. Gitomer BY, **Stoneback JW**, Pereira RC, Salusky I, George D, Wolf MS, Choncol M. Bone Mineral Density is Reduced in Patients with Autosomal Dominant Polycystic Kidney Disease. American Society of Nephrology Kidney Week 2016, Chicago, IL. November 15 20, 2016.
- 100. Roseman, A, Beebe C, Stoneback JW. Regional Variation in Pediatric Musculoskeletal Infection. Poster presented at: Children's Hospital Colorado Summer Internship Research Symposium, Aurora, CO. August 10, 2016.
- 101. Heare A, Goral D, Belton M, Beebe C, **Stoneback JW.** Intramedullary Fixation of Forearm Fractures and Cost. Poster presented at: 2016 Children's Hospital Colorado Orthopedics Day, Aurora, CO. April 22, 2016.
- 102. Anderson M, Bennett H, Cumbler E, McDevitt K, Robinson Z, **Stoneback JW.** Geriatric Hip Fracture Care: Fixing a Fragmented System, 27<sup>th</sup> Annual National Forum on Quality Improvement in Healthcare, Orlando, FL. December 6-9, 2015. *The Permanente Journal Service Quality Award*.
- 103. Anderson M, Bennett H, Cumbler E, McDevitt K, Robinson Z, Stoneback JW. Geriatric Hip Fracture Care: Fixing a Fragmented System, Quality and Patient Safety Symposium, University of Colorado, Department of Medicine, Aurora, CO. November 18, 2015.
- 104. Pereira RC, Gitomer BY, Salusky IB, George D, **Stoneback JW**, King KB, Wolf MS, Chonchol M. Fourier Transform Infrared Spectroscopy Crystallinity Indices in Bone from Patients with ADPKD, American Society of Nephrology Kidney Week. San Diego, CA. November 3-8, 2015.
- 105. Harlow A, **Stoneback JW.** Reconstruction of Open Medial-Plantar Fracture Dislocation of the Talonavicular and Calcaneocuboid Joint in an 11 Year Old Female; A Case Report. Poster presented at: 2015 University of Colorado Resident Research Day, Aurora, CO. June 18, 2015.
- 106. Anderson ME, **Stoneback JW**, McDevitt K, Robison Z, Bennett HJ, Cumbler E. How to Transform Geriatric Hip Fracture Care: Application of Change Management and Human-Factors Engineering Principles. 2015 Hospital Medicine Conference. National Harbor, MD. March 29 April 1, 2015.
- 107. Kuhn KM, **Stoneback JW**, Boudreau JA, Watson JT. Increased Nonunion Rate and Delayed Union of Distal Tibia Fractures Treated with Intramedullary Nails and Angle Stable Interlocking Screws." Orthopedic Trauma Association, 2012 Annual Meeting. Minneapolis, MN. October 2012.
- 108. **Stoneback JW**, Owens BD, Sykes JB, Athwal GS, Pointer L, Wolf JM. Incidence of Elbow Dislocations in the United States Population. Canadian Orthopedic Association, 2011 Annual Meeting. St. John's, Newfoundland and Labrador, Canada. July 2011.

109. **Stoneback JW**, Owens BD, Sykes JB, Athwal GS, Pointer L, Wolf JM. Incidence of Elbow Dislocations in the United States Population. American Academy of Orthopedic Surgeons, 2011 Annual Meeting. San Diego, CA. February 2011.

## **Grant Support**

1. National Institute of Health Award Number F32HD113195

"Osseoperception, Proprioception, and Postural Control in Individuals with an Osseointegrated Prosthesis" Pl: Tracy, James; Co-I: **Stoneback, JW** 4/1/2024 – 3/31/2026 \$148,882

2. 2024 Lab Venture Challenge Grant

"Rotational Intramedullary Femoral Nail System – From Benchtop to Clinic"

Co-I: **Stoneback, JW** 12/15/2023 –12/14/2024 \$132,500

3. Department of Health and Human Services Award Number R03HD111012

"Dynamic Bone-Implant Loading in Osseointegrated Prostheses"

PI: Gaffney, Brecca; Co-I: Christiansen, Cory; **Stoneback, JW**; Carpenter, Dana; Pattee, Jack. 5/15/2023 – 4/30/2025 \$288,800

4. Department of Defense (DOD) Award Number OP220013

"Transfemoral osseointegrated prosthesis limb load symmetry training (TOPLOAD)" (CO-I) Site PI: **Stoneback JW** PI: Christiansen, Cory; Gaffney, Brecca; Co-I: **Stoneback JW**; Melton DH 2/1/2023 – 1/31/2026 \$349,939

5. Grayson-Jockey Club Research Foundation, Inc.

"Transcriptomic Response to Osteoarthritis"
PI: Pezzanite, Lynn; Dow, Steven; Co-I: Goodrich, Laurie; Hendrickson, Dean; **Stoneback JW** 04/1/23 – 03/31/25
\$165,475

6. Department of Defense (DOD) USAMRAA W81XWH-19-1-0848

"Evaluation of a New Strategy for Protocolized Antibiotic Care for Severe Open Fractures: SEXTANT – A Multicenter Randomized Control Trial"
Site PI: Alfonso, Nicholas; Co-I: **Stoneback, JW**10/1/2019 – 9/30/2023
\$3,000,000

7. Department of Defense (DOD) PRORP W81XWH-19-2-0062

"Novel Topical Antibiotic Therapy to Reduce Infection After Operative Treatment of Fractures at High Risk of Infection: A Multicenter Randomized Control Trial"

Site PI: Alfonso, Nicholas; Co-I: **Stoneback, JW** 10/1/2019 – 9/30/2023 \$3,000,000

8. Orthopaedic Trauma Association Grant

"Acute Application of Intrawound Antibiotic Powder in Open Extremity Fracture Wounds" PI: Alfonso, Nicholas; Co-I: **Stoneback**, **JW** 1/1/2021 – 12/31/2022 \$79,991

9. Colorado Clinical and Translational Sciences Institute Pilot Grant Program

"Hip Morphological and Biochemical Changes after Long-Term Prosthesis Use." Pl: Gaffney, Brecca; Co-l: **Stoneback, JW** 05/1/2021 – 4/30/2022 \$30,000

10. F32 Training Grant

"Cumulative loading associates with clinical outcomes, which may elucidate the clinical importance of cumulative loading symmetry in individuals with lower limb amputations (LLA)"

PI: Gaffney, Brecca; Davis-Wilson, Hope; Co-I: **Stoneback, JW** 2020

11. National Institute of Health K23AR075099

"Volumetric Bone Density, Geometry, Strength, and Bone Tissue Material Properties in Type 1 Diabetes" PI: Shah, VN; Co-I: **Stoneback, JW** 04/10/2019 – 3/31/2023 \$723,129

12. National Institute of Health – National Institute on Aging R01AG051647-03S1

"Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture" (Step HI) PI: Schwartz, Robert; Co-I: **Stoneback, JW**; Gorman, M. 2018-2019 \$181,512

13. Hanger, Inc.

Personalized Reference Charts for Prosthetic Rehabilitation

PI: Christiansen, Cory; Co-I: Kittleson, Andrew; Hanger PhD, **Stoneback, JW**, PRA. TBN and PRA Hanger 06/1/2018 – 05/31/2020 \$30,000

14. University of Colorado School of Medicine/University of Colorado Hospital Clinical Effectiveness and Patient Safety Small Grants Program

"Addressing Acute Pain Control in Improve the Safety and Quality of Care in Hip Fracture Patients Presenting to the UCH Emergency Department (ED).

PI: Lewiss R, Smalley C, Browne V, **Stoneback, JW**, Anderson M, DeJesus SR, McDevitt K, Cumbler EU. 7/5/2015 – 6/30/2016 \$25,000

15. The National Institute of Health – National Institute of Diabetes and Digestive and Kidney Diseases "Bone Histomorphometry Assessment for Patients with Chronic Kidney Disease PI: Chonchol, MB; Co-PI: Gitomer BY; Wolfe, MS; Co-I. **Stoneback JW**; Malaczewski MR.

9/30/2012 - 7/31/2017

\$454,586

16. National Institute of Health – National Institute of Diabetes and Kidney Diseases R01DK094796 "FGF-23 and Clinical Outcomes in ADPKD Patients"

PI: Choncol, MB; Co-I: **Stoneback, JW** 9/30/2012 – 7/31/2017 \$524, 846

17. Synthes USA

"Influence of Weight Bearing on Locked Plating in Extra-Articular Distal Tibia Fractures." 2012-2013

PI: **Stoneback, JW**, Smith WR, Morgan SJ, Baldini TH, Williams AE, Watson JT, Bledsoe JG. \$7,700 Funding \$42,000 Granted Product

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**Administrative Chief Resident** 

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