

CURRICULUM VITAE
ANNA NOEL MILLER, MD



DATE: August 19, 2026

CITIZENSHIP: USA

ADDRESS AND TELEPHONE NUMBERS:

Dartmouth Hitchcock Medical Center
Department of Orthopaedics
Attn: Anna N. Miller, MD
One Medical Center Drive
Lebanon NH 03756
(603) 653-6090

PRESENT POSITION:

Chair, Department of Orthopaedics
Professor, Orthopaedic Surgery
Dartmouth Hitchcock Medical Center
Geisel School of Medicine at Dartmouth

EDUCATION:

Bachelor of Arts in Biology, Rice University, Houston, TX	2001
Medical Degree, Baylor College of Medicine, Houston, TX	2005
Orthopaedic Surgery Residency, Hospital for Special Surgery, New York, NY	2010
Orthopaedic Trauma Fellowship, Harborview Medical Center, University of Washington, Seattle, WA	2011

ACADEMIC POSITIONS / EMPLOYMENT:

Wake Forest School of Medicine:

Assistant Professor, Orthopaedic Surgery	2011-2016
Assistant Director, Orthopaedic Trauma Service	2011-2016
Associate Faculty, Women's Health Center of Excellence for Research	2012-2016
Associate Professor, Orthopaedic Surgery	2016
Adjunct Associate Professor in the Department of Biomedical Engineering	2016-Present
Adjunct Associate Professor in the Department of Orthopaedic Surgery	2020-Present

Washington University School of Medicine:

Associate Professor, Orthopaedic Surgery	2016-2021
Division Chief, Orthopaedic Trauma Service	2017-2022
Inpatient Medical Director, Barnes-Jewish Hospital	2019-2024
Vice Chair, Orthopaedic Surgery	2019-2024
Professor, Orthopaedic Surgery	2021-2024
Jerome J. Gilden, MD, Distinguished Professor, Orthopaedic Surgery	2023-2024

Institutional Committee Service (WUSM)

Orthopaedic Quality Improvement Committee	2016-2017
Orthopaedic Inpatient Operations Committee	2017-2024
Trauma Quality Improvement Program	2017-2019
Orthopaedic Clinical Affairs Committee	2018-2024
Executive Committee of the Faculty Council (Elected)	2019-2022
Executive Search Committee for Inaugural Chair, Department of Emergency Medicine	2019
Executive Search Committee for Foot and Ankle Chief, Department of Orthopaedic Surgery	2020

WUSM Faculty Development Advisory Committee	2022-2024
Administrative Data Core Services Advisory Group	2023-2024

Dartmouth Hitchcock Medical Center

Professor, Orthopaedics	2025-Present
Chair, Orthopaedics	2025-Present

Institutional Committee Service (Geisel School of Medicine at Dartmouth)

Dean's Advisory Board	2025-Present
Perioperative Executive Committee	2025-Present
2025 Geisel Clinical Faculty A&P (Appointments & Promotions) Review Task Force	2025-Present

PROFESSIONAL EXPERIENCE

American Academy of Orthopaedic Surgeons: Active Fellow 2015-Present

Clinician Scholar Development Program	2011
Trauma Program Committee	2014-2020
Management of Hip Fractures in the Elderly Clinical Performance Measures Workgroup	2015-2018
Leadership Fellows Program	2017-2018
Representative to National Quality Forum Trauma Outcomes Committee	2018
AAOS/DOD Clinical Practice Guideline for Perioperative Pain Management	2019
Representative to American College of Surgeons Orthopaedic Advisory Council	2020-Present
Trauma Subspecialty Editor, Resident Orthopaedic Core Knowledge ROCK	2020-2023
Inaugural Deputy Editor, Electronic and Social Media and Education, Journal of AAOS	2021-2023
Section Editor, Orthopaedic Knowledge Update Trauma 6	2021
AAOS/METRC Appropriate Use Criteria for Pharmacologic, Physical, and Cognitive Pain	2021
Alleviation for Musculoskeletal Extremity/Pelvis Surgery	
Leadership Institute Level 3	2022-2023
Representative to ACS Board of Governors	2022-2025
Alternate Delegate to AMA House of Delegates	2022-2025
Chair, Trauma Instructional Courses Committee	2023-2027
AAOS Representative to Royal College of Orthopaedic Surgeons of Thailand Meeting	2024

American Board of Orthopaedic Surgery: Diplomate 2013-2033

Orthopaedic Trauma Practice-Profiled Recertification Exam Form Review Workgroup	2020
Standard Setting Exercise for Trauma Practice-Profiled Recertification Examination	2021
Oral Boards Examiner	2023-Present

American College of Surgeons: Active Fellow 2013-Present

Trauma Survivors Network Advisory Panel	2011-2016
Women in Surgery Mentorship Program	2014-2015
Committee on Trauma	2016-2022
Leader, Trauma Quality Improvement Program Orthopedic Committee Workgroup	2017
Committee on Trauma Imaging Best Practice Guidelines Workgroup	2017
Chair, Committee on Trauma Orthopaedic Group	2017-2022
OTA Representative to Consensus Conference on Functional Outcomes after Injury	2018
Research Committee, Committee on Trauma	2018-2022
ATLS Faculty	2018-Present
Committee on Trauma Acute Pain Management Best Practices Guidelines Workgroup	2019
National Trauma Research Action Plan Patient-Reported Outcome Measures Delphi Panel	2020
American Association for the Surgery of Trauma/COT Guidelines Repository	2020
Orthopaedic Advisory Council	2020-Present

Coalition for National Trauma Research Planning Committee	2021
Mental Health and Substance Abuse Best Practices Guidelines Workgroup	2021
11 th Edition Advanced Trauma Life Support, Content Contributor	2022
Board of Governors	2022-2028
Chair, Health Policy and Advocacy Workgroup	2023-Present

American Medical Association: Member 2001-Present

House of Delegates Alternate Delegate for AAOS	2022-2025
House of Delegates Delegate for AAOS	2026-

American Orthopaedic Association: Active Fellow 2017-Present

Emerging Leaders Program	2012-2017
North American Traveling Fellowship	2015
Own the Bone Steering Taskforce	2016-2017
Publications Chair, Critical Issues Committee	2018-2021
APEX Leadership Certificate Program	2019
Taskforce Lead, North American Traveling Fellowship Subcommittee	2020-2021
Leadership/Fellowships Committee, NATF and JOA Subcommittees	2020-Present
American-British-Canadian ABC Traveling Fellowship	2021-2022
Nominating Committee	2022-2023
Emerging Leaders Forum Faculty	2022-Present
Emerging Leaders Forum Chair	2023-2024
1887 Circle	2024-Present
Annual Meeting Program Chair	2025-2026
Critical Issues Committee	2023-2027
Development Committee	2024-Present
Nominating Committee	2024-2025

AO North America: Member 2009-Present

AO Traveling Fellowship; Milan, Italy	2010
Faculty	2013-Present
Kathryn Cramer Career Development Award Committee	2015-2018
Faculty Education Program	2018
Course Chair	2019
Regional Program Contributor, Orthogeriatrics Education Taskforce	2022
Chairperson's Education Program	2023
Course Chair	2024

Orthopaedic Trauma Association: Active Member 2015-Present

Sponsorship Recipient for AAOS CSPD	2011
Editorial Board, Orthopaedic Trauma Association Video Library	2015-2020
Nominating Committee	2017
Research Committee	2017-2020
Liaison to ACS Committee on Trauma	2017-2022
Representative to ACS Consensus Conference on Functional Outcomes after Injury	2018
Inaugural Chair, Traveling Fellowship Committee	2018-2025
OTA/EAST Efficacy/Safety of NSAIDs Following Trauma Practice Management Guidelines	2019
Musculoskeletal Pain Task Force	2019
Health Policy Committee	2019-2022
Board Member-At-Large	2020-2023
Representative to American College of Surgeons Orthopaedic Advisory Council	2020-Present
Moral Injury TaskForce (became Committee in 2024)	2020-2025
Patient Mental Health Committee	2022-Present

Fellow, International Orthopaedic Trauma Association	2022-Present
OTA FractureBook Editor in Chief	2023-Present
Board Secretary	2023-Present
Publications Committee	2023-Present
Legacy Donor	2024-Present
Traveling Fellowship Committee Presidential Liaison	2025-Present
Leadership Development Initiative (LDI) Task Force	2026-Present

Other

Member, Ruth Jackson Orthopaedic Society	2004-Present
Member, Orthopaedic Research Society	2011-Present
Career Development for Women Leaders Program, Wake Forest School of Medicine	2013-2014
Journal of Young Investigators Board of Directors	2013-2014
Eli Lilly Advisory Board	2013-2015
Journal of Bone and Joint Surgery Social Digital Products User Group	2016-2018
Academic Medical Leadership Program for Physicians and Scientists, WUSM	2017
Chair, Content Subcommittee for AAAM AIS Committee	2017-2020
Twentieth Century Orthopaedic Association	2020-Present
Alpha Omega Alpha	2021-Present
Interurban Orthopaedic Society	2023-Present
Board of Directors, Twentieth Century Orthopaedic Association	2024-2025
Executive Leadership in Academic Medicine ELAM Fellow	2024-2025
HSS Alumni Association President	2027

MEDICAL LICENSURE AND BOARD CERTIFICATION:

State of New York: 241342 (inactive)	2006-2010
State of Washington: 60131840	2010-Present
State of North Carolina: 2011-00340	2011-2016
Diplomate, American Board of Orthopaedic Surgery (Initial 7/13-12/23; Recertified 1/24-12/33)	2013-2033
State of Missouri: 2016009223	2016-Present
State of Illinois: 036.155035	2020-Present
State of New Hampshire: 33993	2024-Present
State of Vermont: 042.0019086	2025-Present

SELECTED HONORS AND AWARDS:

HSS Jean C. McDaniel Award for Professionalism, Ethics, and Peer Leadership	2010
Brooks Scholars in Academic Medicine Award	2013-2016
Best Doctors in America	2015-2026
Leadership in Entrepreneurial Acceleration Program (LEAP) Inventor Challenge Award	2017
Best Doctors in St. Louis	2017-2025
Team Award: Quality Improvement on Surgical Hip/Fracture Treatment – Care Redesign	2018
Exceptional Women in Medicine Award	2019-2025
Dean's Impact Award, Washington University School of Medicine	2024

EDITORIAL RESPONSIBILITIES:

Associate Editor, Journal of Orthopaedic Trauma	2014-Present
Deputy Editor, Journal of Bone and Joint Surgery	2016-2022
Editorial Board, Orthopedics Today	2021-Present
Deputy Editor, Electronic/Social Media/Education, JAAOS	2021-2023
Editor in Chief, Orthopaedic Trauma Association (OTA) Textbook (FractureBook)	2022-Present

EXTERNAL DEPARTMENT REVIEWS

Sunnybrook Health Sciences Centre, Division of Orthopaedic Surgery, Toronto, ON, Canada	2021
---	------

INVITED SPEAKING OPPORTUNITIES (post-2020; 131 past events available upon request)National:

126. Speaker: Advanced Trauma Life Support. Barnes Jewish Hospital and Washington University School of Medicine. St. Louis, MO. March 4, 2020.
127. Speaker (Invited Visiting Professor): Acute Management of Pelvic Ring Injuries. Boston University Department of Orthopaedic Surgery Grand Rounds. Orthopaedic Video Theater. June 17, 2020
128. Speaker: Advanced Trauma Life Support. Barnes Jewish Hospital and Washington University School of Medicine. St. Louis, MO. June 24, 2020
129. Speaker: Augmentation of fracture repair: Is anything ready for prime time? Orthopaedic Trauma Association Annual Meeting. October 3, 2020
130. Speaker: Injury Physiology in Biomedical Engineering. Virginia Tech-Wake Forest University Center for Injury Biomechanics, Winston-Salem, NC. October 12, 2020
131. Speaker: Advanced Trauma Life Support. Barnes Jewish Hospital and Washington University School of Medicine. St. Louis, MO. October 22, 2020
132. Speaker: Advanced Trauma Life Support. Barnes Jewish Hospital and Washington University School of Medicine. St. Louis, MO. January 20, 2021
133. Speaker: Polytrauma Fracture Problems. Basic Principles of Fracture Management Blended Course. AO Trauma North America. March 18, 2021
134. Speaker: TRAM Conference. Barnes Jewish Hospital Center for Practice Excellence. Barnes Jewish Hospital. St. Louis. March 19, 2021
135. Speaker: 2021 Dilemmas in Orthopaedic Trauma Virtual Course. American Academy of Orthopaedic Society and Orthopaedic Trauma Association. May 22, 2021
136. Speaker: Posterior Malleolus and Syndesmosis. Orthopedics Today Hawaii 2021. Wailea, HI. May 30-June 3, 2021. *Speaker of the Day Award*
137. Speaker: Nail vs. Plate for the Distal Tibia. Orthopedics Today Hawaii 2021. Wailea, HI. May 30-June 3, 2021.
138. Speaker: Distal Femur Peri-prosthetic Fractures: When to Nail, When to Plate, and Should We Ever Do Both? Orthopedics Today Hawaii 2021. Wailea, HI. May 30-June 3, 2021.
139. Speaker: Humeral Shaft Fractures: Brace, Nail or Plate. Orthopedics Today Hawaii 2021. Wailea, HI. May 30-June 3, 2021.
140. Speaker: Fix or Leave It: The Elderly Distal Radius. Orthopedics Today Hawaii 2021. Wailea, HI. May 30-June 3, 2021.
141. Speaker: Coalition for National Trauma Research Conference. Chicago, IL. June 22-23, 2021.
142. Speaker: Advanced Trauma Life Support. Barnes Jewish Hospital and Washington University School of Medicine. St. Louis, MO. June 25, 2021.
143. Speaker: Augmentation of Fracture Repair: Is Anything Ready for Prime Time? American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.
144. Moderator: Postoperative Pain Control after Osteotomy in an Era of Opioid Addiction. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.
145. Speaker: Development of Programs to Optimize Recovery After Trauma: The Healing Power of Trauma Survivors. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.
146. Speaker: Pelvic Ring-Resuscitation. Case Controversies in Pelvis & Acetabulum Course. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 21, 2021
147. Speaker: Pelvic and Acetabulum Fractures Concurrent Session. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 22, 2021.
148. Moderator: Suds n' Science Poster Tour. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 22, 2021.
149. Speaker: The Mangled Extremity. American College of Surgeons Virtual Clinical Congress. October 24, 2021
150. Speaker: The Pelvic Fracture: What Am I Looking For, What Does It Mean, and How Should I Intervene? American College of Surgeons Virtual Clinical Congress. October 27, 2021.

151. Speaker: Orthopaedic Subspecialties/Life as an Orthopaedic Surgeon. Women in Orthopaedics Panel. Orthopaedic Interest Group. Washington University School of Medicine. St. Louis. November 2, 2021
152. Course Director: 2021 AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques. Rosemont, IL. December 3-4, 2021.
153. Moderator: Postoperative Pain Control after Osteotomy in an Era of Opioid Addiction. American Academy Orthopaedic Surgeons Annual Meeting. Chicago, IL. March 22-26, 2022.
154. Co-moderator: Session VI: Firearm Injuries and Mitigation. Orthopaedic Trauma Association Specialty Day. Chicago, IL. March 26, 2022.
155. Faculty: AAOS/OTA Daily Dilemmas in Trauma Course. Virtual. May 14, 2022
156. Speaker: Hansjorg Wyss Orthopaedic Trauma Symposium. Dallas, TX. June 4-5, 2022.
157. Speaker (Invited Visiting Professor): Orthopaedic Grand Rounds. University of Massachusetts Medical School. Worcester, MA. June 22, 2022.
158. Speaker (Invited Visiting Professor): “Disparities in Musculoskeletal Care”. Department of Orthopaedic Surgery Annual Research Day. University of Toronto. Toronto, Canada. November 18, 2022.
159. Moderator and Speaker: What We’ve Learned About Orthopaedic Trauma from Big Data. ACS TQIP Annual Meeting. Phoenix, AZ. December 12, 2022.
160. Speaker: How we use the TQIP Report. ACS TQIP Annual Meeting. Anaheim, CA. November 2022.
161. Speaker (Invited Visiting Professor): Grand Rounds- Disparities in Musculoskeletal Care. University of California Irvine. Irvine, CA. January 12, 2023.
162. Speaker (Invited Visiting Professor): Orthopaedic Grand Rounds. Boston University School of Medicine. Boston, MA. February 1, 2023.
163. Speaker (Invited Visiting Professor): Howard Rosen Lecture (Trauma) Orthopedic Surgery – Socioeconomic Disparities in Musculoskeletal Care. NYU Langone Orthopedics, Langone, New York, NY. February 9, 2023.
164. Faculty: Orthopaedic Trauma Association Fellows Course. Boston, MA. April 20-23, 2023.
165. Speaker: Should AI be banned from Orthopaedics? Generative and Other Forms of AI in Orthopaedics Symposium, TCOA 2023 Meeting, Albuquerque, NM. August 18, 2023.
166. Faculty: Trauma – The opioid epidemic: Is it over? Orthopaedic Summit 2023, Boston, MA. Sept. 23, 2023.
167. Speaker: Breaking the Glass Ceiling – How do I obtain leadership positions or go up the ranks? Women’s Orthopaedic Trauma Surgeons Forum, OTA Annual Meeting, Seattle, WA. Oct. 18, 2023.
168. Speaker: You Don’t Have to Have Kids, and That’s Okay! Women’s Orthopaedic Trauma Surgeons Forum, OTA Annual Meeting, Seattle, WA. Oct. 18, 2023.
169. Speaker: How to leverage your strengths using emotional intelligence. Effective Leadership Skills for Every Orthopaedic Trauma Surgeon, OTA Annual Meeting, Seattle, WA. Oct. 18, 2023.
170. Moderator: How optimizing our patients’ mental health can enhance functional recovery after musculoskeletal trauma, Symposium II, OTA Annual Meeting, Seattle, WA. Oct. 19, 2023.
171. Speaker (Invited Visiting Professor) Grand Rounds. Living a Life as an Orthopaedic Surgeon: Lessons From my Garden, Duke University, Durham, NC. Nov. 7, 2023.
172. Faculty: AAOS/OTA Trauma Skills Course, Orthopaedic Trauma Update in Tactics and Techniques, Rosemont, IL. Dec. 1-2, 2023.
173. Speaker: Bone Health: The Basics. Extremity War Injury Symposium, Washington DC, Jan. 17, 2024.
174. Speaker (Invited Visiting Professor) Robert A. Robinson MD Memorial Lecture. Johns Hopkins Medicine, Baltimore, MD. Jan. 25, 2024.
175. Moderator: AAOS 2024 ICL Mental and Social Health in Orthopaedics. AAOS Annual Meeting, San Francisco, CA. Feb. 14, 2024.
176. Speaker: Open reduction of the syndesmosis with direct visualization is the only way, OTA/AOFAS Specialty Day at AAOS Annual Meeting, San Francisco, CA. Feb. 16, 2024.
177. Speaker (Invited Visiting Professor): Fragility Fractures for the Orthopaedic Surgeon. Department of Orthopaedic Surgery Grand Rounds, University of Pittsburgh School of Medicine, Pittsburgh, PA. Mar. 12-13, 2024.
178. Faculty: Orthopaedic Trauma Association Fellows Course, Boston, MA. April 18-21, 2024.
179. Faculty: AAOS/OTA Daily Dilemmas in Trauma Course. Virtual Course. May 4, 2024.
180. Co-Chair: AOTNA – Basic Principles of Fracture Management. Indianapolis, IN. May 16-18, 2024.

181. Speaker (Invited Visiting Professor): Fragility Fractures for the Orthopaedic Surgeon. Grand Rounds, Brown University Department of Orthopedic Surgery, Providence, RI. May 22, 2024.
182. Faculty: Hansjörg Wyss Dallas Orthopaedic Trauma Symposium, Dallas, TX. June 1-2, 2024.
183. Speaker (Invited Visiting Professor) Grand Rounds, Dartmouth-Hitchcock Medical Center, Lebanon, NH. June 4, 2024.
184. Chair: American Orthopaedic Association Emerging Leaders Forum. St. Louis, MO. June 17-22, 2024.
185. Speaker: Orthopaedic Trauma for the General Surgeon, St. Louis, MO. August 7, 2024.
186. Speaker: AMWA Mentorship Talk. St. Louis, MO. October 9, 2024.
187. Faculty: AOTNA – Advanced Principles of Fracture Management. San Diego, CA. Nov. 22-24, 2024.
188. Faculty: AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques. Rosemont, IL. Dec. 6-7, 2024.
189. Faculty: OTA Fellows Course. Boston, MA. April 3-6, 2025.
190. Speaker: (Invited Keynote Speaker) Harvard Orthopedic Trauma Research Day. Boston, MA. May 9, 2025.
191. Speaker: Osteoporosis for the Orthopaedic Surgeon. New England Orthopaedic Society. Rockport, ME. May 30-June 1, 2025.
192. Speaker: (Invited Visiting Professor) 23rd Annual Andrew R. Burgess MD Lectureship and Disputations. University of Maryland Graduation. Baltimore, MD. June 12-13, 2025.
193. Speaker: American Orthopaedic Association Emerging Leaders Forum. Minneapolis, MN. June 2-4, 2025.
194. Speaker: AI: Who is in Control? American College of Surgeons Clinical Congress. Chicago, IL. October 4-7, 2025.
195. Speaker: Osteoporosis for the Orthopaedic Surgeon. New England Orthopaedic Society 2025 Spring Meeting. Rockport, Maine. May 30- June 1, 2025.
196. Speaker: Strategic Career Transitions. Orthopaedic Research Society. Clinician Scholar Career Development Program. Rosemont, IL. October 2 – 4, 2025
197. Moderator: Early Career Faculty Group. Orthopaedic Research Society. Clinician Scholar Career Development Program. Rosemont, IL. October 2-4, 2025.
198. Speaker: AAOS Inside Fellowship: Guidance from Orthopaedic Program Directors. Virtual. American Academy of Orthopaedic Surgeons. November 19, 2025.
199. Speaker: Timely Surgery For Hip Fractures: Addressing Anticoagulant Challenges. ReachMD Clinician's Roundtable. Virtual. November 19, 2025.
200. Moderator: Trauma and Pelvic Surgery. New England Orthopaedic Society (NEOS) Fall 2025 Annual Meeting. Waltham, MA. November 21, 2025.
201. Panelist: Outgrowing Your Male Mentors: What to do When that Happens? New England Women in Orthopedics Summit. Boston, MA. February 20-21, 2026.
202. Panelist: Career Development. New England Women in Orthopedics Summit. Boston, MA. February 20-21, 2026.
203. Speaker: Troubleshooting and Setting Yourself Up For Success. 2026 OTA Specialty Day at AAOS Annual Meeting, New Orleans, LA. March 6, 2026.
204. Speaker: HSS Alumni Guest Lecturer of Distinction. New York City, NY. April 9-10, 2026.
205. Speaker: (Invited Visiting Professor): Osteoporosis for the Orthopaedic Surgeon. Grand Rounds, University of California, San Francisco Department of Orthopaedic Surgery. San Francisco, CA. April 20-22, 2026.
206. Speaker: St. Luke's Orthopaedic Surgery 4th Annual Research Day. Bethlehem, PA. May 27, 2026.
207. Speaker: Approaches to Distal Humerus Fractures – How Do I Choose? New England Orthopaedic Society 2026 Spring Meeting. Bretton Woods, NH. May 29-31, 2026.
208. Speaker: Northwestern Thesis Day 2026. Northwestern Medicine – Northwestern Memorial Hospital. Chicago, IL. June 11-12, 2026.
209. Speaker: (Invited Visiting Professor) TBD. Grand Rounds, UMass Chan-Lahey, TH Chan School of Medicine. Burlington, MA. Jan. 6, 2027.
210. Moderator: HSS Alumni Meeting. Location and Date TBD.
211. Speaker: Presential Address HSS Alumni Meeting. Location and Date TBD.

International:

7. Speaker (Invited Visiting Professor): International Conference on Fragility Fracture - Current and Prospective Management of Osteoporotic Fractures. Chinese University of Hong Kong. January 2-4, 2020 (canceled due to political unrest)
8. Faculty: AO Trauma Course — Basic Principles of Fracture Management. Davos, Switzerland. November 29-December 4, 2020 (canceled due to COVID-19)
9. Speaker (Invited Visiting Professor): 2021 Meek Visiting Professor. Virtual Orthopaedic Grand Rounds. University of British Columbia. April 14, 2021
10. Speaker (Invited Visiting Professor): Current Orthopaedic Trauma and Complications. Hong Kong Orthopaedic Association 41st Annual Congress. Virtual. November 6-7, 2021
11. Speaker (Invited Visiting Professor): AAOS International Committee Webinar, Amgen Dubai: Fracture Liaison Services: Impact and Applicability. Virtual. February 16, 2022
12. Speaker (Invited Visiting Professor): International Conference on Fragility Fracture Current and Prospective – Management of Osteoporotic Fractures. Hong Kong. Virtual. March 25-26, 2022
13. Speaker (ABC Traveling Fellowship): Importance of Mental Health Evaluation: Patient and Provider. Dr. George Mukhari Hospital. Ga-Rankuwa, South Africa. August 29, 2022
14. Speaker (ABC Traveling Fellowship): Fragility fracture pitfalls and atypical femur fractures. Steve Biko Hospital, University of Pretoria. Pretoria, South Africa. August 30, 2022
15. Speaker (ABC Traveling Fellowship): Big Data in Orthopaedic Trauma. Chris Hani Baragwanath Hospital. Johannesburg, South Africa. August 31, 2022
16. Speaker (ABC Traveling Fellowship): Importance of Mental Evaluation: Patient and Provider. Groote Schuur Hospital. Cape Town, South Africa. September 2, 2022
17. Moderator (ABC Traveling Fellowship) South African Orthopaedic Trauma Society Symposium. South African Orthopaedic Association Annual Meeting. Cape Town, South Africa. September 5-8, 2022
18. Moderator (ABC Traveling Fellowship): Ballistic Injuries. South African Orthopaedic Association Congress (SAOA). Cape Town, South Africa. September 7, 2022
19. Speaker (ABC Traveling Fellowship): National Trauma Data Bank: Big Data in Orthopaedic Trauma. South African Orthopaedic Association Congress (SAOA). Cape Town, South Africa. September 7, 2022
20. Speaker (ABC Traveling Fellowship): Socioeconomic Disparities in Musculoskeletal Care. South African Orthopaedic Association Congress (SAOA). Cape Town, South Africa. September 7, 2022
21. Speaker (ABC Traveling Fellowship): National Trauma Data Bank: Big Data in Orthopaedic Trauma. National Orthopaedic Hospital at Stanmore. London, England. September 16, 2022
22. Speaker (ABC Traveling Fellowship): Building a Backyard Wildlife Preserve. Bath, England. September 19, 2022
23. Speaker (ABC Traveling Fellowship): Fragility Fractures: Management of Atypical Femoral Fractures. Royal Infirmary of Edinburgh. Edinburgh, Scotland. September 23, 2022
24. Speaker (ABC Traveling Fellowship): Fragility Fracture Pitfalls. Queen Elizabeth University Hospital, Glasgow Royal Infirmary. Glasgow, Scotland. September 26, 2022
25. Speaker (ABC Traveling Fellowship): Pelvis Trauma and Sacral Dysmorphism. Wrightington Hospital. Wigan, England. September 27, 2022.
26. Speaker (Invited Visiting Professor): Best Practices for VTE prophylaxis in trauma. St. Michael's Hospital, Toronto, Ontario. April 26, 2023.
27. Speaker (Invited Visiting Professor): Trauma Grand Rounds. Living a life as an orthopaedic surgeon. University of Ottawa, Ottawa, Ontario. Sept. 14, 2023.
28. Speaker (Invited Visiting Professor): Resident presentation – Orthopaedic trauma cases. University of Ottawa, Ottawa, Ontario. Sept. 14, 2023.
29. Speaker (Invited Visiting Professor): Surgical Management of Complex Acetabular Fractures. 3rd International Conference on Fragility Fracture (ICFF): Advancing the Care of Fragility Fractures in the Aging Population, Hong Kong. May 11-12, 2024.
30. Speaker (Invited Visiting Professor): Managing the Complex Surgical Cases – Discussions and Seminar. 3rd International Conference on Fragility Fracture (ICFF): Advancing the Care of Fragility Fractures in the Aging Population, Hong Kong. May 11-12, 2024.
31. Faculty: Complex Trauma. AAOS Program in Partnership with The Royal College of Orthopaedic Surgeons of Thailand (RCOST), Pattaya, Thailand. Oct. 17-19, 2024.

32. Speaker: Pelvis Trauma. RCOST Annual Meeting, Pattaya, Thailand. Oct. 17-19, 2024.
33. Speaker: Yes, you belong! Imposter syndrome, we all feel it, what it is, and how to do we overcome it? Women's Orthopaedic Trauma Surgeons Forum, 2024 OTA Annual Meeting, Montreal, Canada. Oct. 23, 2024.
34. Speaker (Invited Visiting Professor): Customisable Surgery for the Future. HKOA 60th Anniversary – From Roots to Innovative Technologies, Artificial Intelligence & Beyond. 2025 Hong Kong Orthopaedic Association 45th Annual Congress, Hong Kong, China. Nov. 1-2, 2025.
35. Speaker (Invited Visiting Professor): A New Era of Competency-Based Learning and Resident Evaluation in the US. HKOA 60th Anniversary – From Roots to Innovative Technologies, Artificial Intelligence & Beyond. 2025 Hong Kong Orthopaedic Association 45th Annual Congress, Hong Kong, China. Nov. 1-2, 2025.
36. Speaker (Invited Visiting Professor): Life Lessons From My Garden. Research Prize Competition Judge. Lipmann-Kessel Scientific Meeting 2026, London, England. April 24, 2026.
37. Speaker (Invited Visiting Professor): Osteoporosis for the Orthopaedic Surgeon. Grand Rounds, University Hospital Zurich. Zurich, Switzerland. June 29-July 1, 2026.

RESEARCH SUPPORT (ACTIVE ONLY; past grants available upon request)

a. Governmental

Miller AN – Co-I

TAOS Transtibial Amputation Outcomes Study: Comparing Transtibial Amputation with and without a Tibia-Fibula Synostosis (Erl) Procedure

Principal Investigator: Michael Bosse, MD

Funding Agency: Department of Defense

2017-2021

\$20,000

Miller AN – Co PI

Crash Injury Research and Engineering Network (CIREN)

Department of Transportation–National Highway Traffic Safety Administration

NHTSA Cooperative Agreement No: DTNH2217D00070

7/5/2017-present

\$2,512,989+

Miller AN – Site PI

A Prospective Study of Early Mechanical Stabilization and Bleeding in Disruption of the Pelvic Ring (EMS BinD Study)

Funding Agency: DOD / Johns Hopkins University

2020-2021

\$3,138

Miller AN – Collaborator

Trauma Center Characteristics that Drive Quality, Cost and Efficiency in Lower Extremity Injuries

Principle Investigator: Bryant Oliphant, MD

Funding Agency: NIH/NIAM

Grant #: K23AR079565

7/2022-6/2026

\$487,759

Miller AN – Collaborator

Accelerated Healing of Traumatic Fractures and Nonunion

Principle Investigator: Steven L. Teitelbaum, PI/Matthew J. Silva, Partnering PI Role: Collaborator

Curriculum Vitae

Anna Noel Miller, MD

Funding Agency: Department of Defense/DOD
6/2021-5/2025
\$1,530,076 (2% effort)

Miller AN – Co-Investigator
Medical and Engineering Center Crash Injury Research and Engineering Network (CIREN)
Principal Investigator: Stitzel, J. Subaward from Wake Forest
Funding Agency: Department of Transportation—National Highway Traffic Safety Administration
NHTSA Cooperative Agreement No: 693JJ922F00202N/1569-45801-1 1000001140
9/2022-9/2027
\$10,495

Miller AN – site PI
Infection Prevention and Antimicrobial Stewardship: Minding the Gaps: The Iowa Prevention Epicenter
Principal Investigator: Herwaldt, L. Subaward from University of Iowa
Funding Agency: CDC
6/2021 – 5/2025
\$227,171

b. Non-governmental

Miller AN – Co-Investigator
Exploring Orthopaedic Workplace Climate for Women Surgeons in the US
Primary Investigator: Katherine Gerull
Orthopaedic Research and Education Foundation (OREF) Resident Research Grant
9/2023 to 8/2024
\$4,960

Miller AN – Principal Investigator
Inpatient Mortality and Morbidity Associated With Distal Femur Fractures
Co Investigator/Fellow: Joseph Gutbrod
Funding Agency: FBJH
ICTS JIT# JIT1089F
12/18/2023 to 12/17/2024
\$5,000

Orthopaedic Trauma Fellowship
Role: Chief, Orthopaedic Trauma Service
Funding Agency: AOTNA
2021-2022
\$60,000

Orthopaedic Trauma Fellowship
Role: Orthopaedic Trauma Service
Funding Agency: AOTNA
2023-2024
\$60,000

Orthopaedic Trauma Fellowship
Role: Orthopaedic Trauma Service
Funding Agency: Smith & Nephew
2023-2024
2024-2025

\$20,000

Miller AN - Co-Investigator

AAOS IDEA Grant

Women in Orthopedics Leadership and Professional Development Virtual Fireside Chat Series

Co-PI: Katherine Gerull

1/1/2024 to 12/31/2024

\$5,000

Miller AN – PI

Multiple grants received

Funding Agency: ICTS JIT Core Usage Funding

2021-2024

\$5,000

TRAINING / MENTEE RECORD:

Graduate Degree Committee Service (Wake Forest Baptist Health)

PhD Thesis Committee Advisor for Alejandro Jose Marquez-Lara 2015-2019

PhD Thesis Committee Advisor for Caitlin Weaver 2015-2019

MS Thesis Committee Advisor for Derek Jones 2016

PhD Thesis Committee Advisor for John Peter Patalak 2018-2019

PhD Thesis Committee Advisor for Xin Ye 2018-2019

MS Thesis Committee Advisor for Casey Costa 2021-2022

MS Thesis Committee Advisor for William Armstrong 2022-2023

PhD Thesis Committee Advisor for William Armstrong 2023-2025

Washington University Orthopaedic Trauma Surgery Fellows

Matt Avery 2016-2017

Justin Tilan 2017-2018

Joshua Namm 2018-2019

Ty Smith 2019-2020

Erin Hofer 2020-2021

Eric Barnard 2021-2022

Jacqueline Dunahoe 2022-2023

Tomas Liskutin 2023-2024

Katherine Buesser 2023-2024

Zachary Eggebrecht 2024-2025

David Barton 2024-2025

Past Trainees/Mentees

Wake Forest University School of Medicine Orthopaedic Surgery Residents (5/yr) 2011-2016

Wake Forest University School of Medicine Orthopaedic Trauma Fellows (1/yr) 2011-2016

Eziamaka Okafor: Ruth Jackson Orthopaedic Society Female Mentorship Program 2012-2013

Lindsay Hickerson: Ruth Jackson Orthopaedic Society Female Mentorship Program 2012-2013

Osric Forrest: Journal of Young Investigators Managing Editor Mentorship 2013

Tyler Young: Summer OR Observership Virginia Tech/Wake Forest Biomedical Engineering 2013

Eric Barnard: Medical Student Research Training Program Award 2013

Matthew Brousil: Journal of Young Investigators Managing Editor Mentorship 2014

Brittany Haws: Medical Student Research Training Program Award 2014

Rong (Jackey) Chen: Summer OR Observership VA Tech/Wake Forest Biomed Engineering 2014

Doron Schwartz: Summer OR Observership Virginia Tech/Wake Forest Biomed Engineering 2014

Jannat Khan: Medical Student Research Training Program Award 2015

Curriculum Vitae

Anna Noel Miller, MD

William Visser: Medical Student Research Training Program Award	2015
Washington University School of Medicine Orthopaedic Surgery Residents (6-8/yr)	2016-2024
Michelle Gosselin: OTA Resident Research and AOTNA Research Grants	2018
Michael McDonald: OTA Research Mentor Program	2021-2022
Mikel Headford: OTA Career Development Program	2022-2023
Dartmouth Hitchcock Medical Center Orthopaedic Surgery Residents (4/yr)	2025-present
Joseph Gutbrod: EXPLORE Distinction in Research Pathway Award	2025
OTA Leadership Development Initiative (LDI) Mentor	2026-Present

BIBLIOGRAPHY post-2020; entire bibliography available at [My Bio NCBI](#)

(*mentee/trainee research participants)

Peer-reviewed manuscripts

87. Dashe J, Murray B, Tornetta III P, Grott KM, Mullis B, Bellevue KD, Firoozabadi R, Kempegowda H, Horwitz DS, Patel S, Fontenot PB, Mir H, Ruder JA, Bosse MJ, Sandberg B, Westberg J, Bramlett KJ, Marcantonio AJ, Sadauskas AJ, Cannada LK, Goodwin A*, **Miller AN**, Fox MP, Klatman SH. Henry versus Thompson Approach for Fixation of Proximal Third Radial Shaft Fractures. J Orthop Trauma. 2020 Feb;34(2):108-112. doi: 10.1097/BOT.0000000000001651. PMID: 31809416
88. Gitajn IL, Reider L, Scharfstein DO, O'Toole RV, Bosse MJ, Castillo RC, Jevsevar DS, Pollak AN; METRC [**Miller AN**]. Variability in Discharge Disposition Across US Trauma Centers After Treatment for High-Energy Lower Extremity Injuries. J Orthop Trauma. 2020 Mar;34(3):e78-e85. doi:10.1097/BOT.0000000000001657. PMID: 31868766
89. Camacho-Soto A*, Gross A, Nielson S, **Miller AN**, Warden M, Salter A, Racette B. Fractures in the Prodromal Period of Parkinson Disease. Neurology 2020 Apr 28. doi: 10.1212/WNL.0000000000009452
90. **Miller AN**, Tilan J*, Wellman A*, Talton JW*, Usoro AO*, Sun KW, Wuertzer, S, Lenchik L, Stitzel JD, Weaver A. Patient Age Is Inversely Associated with Injury Counts Caused by Motor Vehicle Crashes. J Surg Ortho Advances 2020 Apr; 29. 36-38. 10.3113/JSOA.2020.0036. PMID: 32223864
91. Comadoll SM*, Jinnah AH*, **Miller AN**, Aneja A*. Transpatellar Approach: Intramedullary Nailing of the Tibia Through an Open Patella Fracture. Tech Ortho 2020 Apr 16. doi: 10.1097/BTO.0000000000000461
92. Saiz AM Jr*, Wellman AC*, Stwalley D, Wolinsky P, **Miller AN**. The Incidence and Risk Factors Associated With the Need for Fasciotomy in Tibia and Forearm Fractures: An Analysis of the National Trauma Data Bank. J Orthop Trauma. 2020;34(5):e154-e158. PMID: 31738240 doi:10.1097/BOT.0000000000001702
93. Schmidt AH, Di J, Zipunnikov V, Frey KP, Scharfstein DO, O'Toole RV, Bosse MJ, Obremskey WT, Stinner DJ, Hayda R, Karunakar MA, Hak DJ, Carroll EA, Collins SCJ, MacKenzie EJ; METRC [**Miller AN**]. Perfusion Pressure Lacks Diagnostic Specificity for the Diagnosis of Acute Compartment Syndrome. J Orthop Trauma. 2020 Jun;34(6):287-293. doi: 10.1097/BOT.0000000000001719. PMID: 32332336
94. Brown MA*, Erdman MK*, Munger AM*, **Miller AN**. Despite Growing Number of Women Surgeons, Authorship Gender Disparity in Orthopaedic Literature Persists Over 30 Years Clin Orthop Relat Res 2020 Jul;478(7):1542-1552. doi: 10.1097/CORR.0000000000000849. PMID 31283733. PMCID: PMC7310313
95. Cosgrove CT*, Berkes MB, McAndrew CM, **Miller AN**. Kocher–Langenbeck Approach for Posterior Wall Acetabular Fractures. J Orthop Trauma. 2020 Aug;34 S21-S22 doi: 10.1097/BOT.0000000000001816. PMID: 32639344
96. Namm JD*, Obey MR*, Jo S*, Berkes MB, McAndrew CM, **Miller AN**. Surgical Wound Complications after Percutaneous Posterior Pelvic Ring Fixation in Patients who Undergo Pelvic Arterial Embolization. J Ortho Trauma 2020 Aug 31. doi: 10.1097/BOT.0000000000001956. PMID: 32931686
97. Weaver C*, Guleyupoglu B, **Miller AN**, Kleinberger M, Stitzel JD. Pelvic Response of a Total Human Body Finite Element Model During Simulated Injurious Under Body Blast Impacts. ASCE-ASME J Risk Uncertainty Engineering Systems Part B 2020 Nov12 doi: <https://doi.org/10.1115/1.4049105>
98. Shahien AA, Sullivan M, Firoozabadi R, Lu K, Cannada L, Timmel M, Ali A, Bramlett KJ, Marcantonio AJ, Flynn M, Vallier H, Nicolay R, Mullis B, Goodwin A*, **Miller AN**, Krause P, Mir H, Tornetta P. Combined Orthopaedic and Vascular Injuries with Ischemia: A Multicenter Analysis. J Ortho Trauma 2021 Jan 21. PAP doi: 10.1097/BOT.0000000000002067

99. The Major Extremity Trauma Research Consortium (METRC) [Miller AN]. Effect of Intrawound Vancomycin Powder in Operatively Treated High-risk Tibia Fractures: A Randomized Clinical Trial. *JAMA Surg.* 2021;156(5):e207259. doi:10.1001/jamasurg.2020.7259
100. Veltre DR, Tornetta P, Krause P, George MP, Vallier H, Nguyen MP, Reich MS, Cannada L, Eng M, Miller AN, Goodwin A*, Mir HR, Clark C, Sandberg B, Westberg JR, Mullis BH, Behrens JP, Firoozabadi R. Gunshot Fractures of the Forearm. *J Ortho Trauma.* April 02, 2021 PAP doi: 10.1097/BOT.0000000000002056
101. Cannada LK, Dart B, Dehghan N, Jeray K, Miller AN. Allies in Orthopaedic Trauma Surgery. *OTA Int.* 2021 Jun 10;4(2):e098. doi: 10.1097/OI9.0000000000000098. eCollection 2021 Jun. PMID: 34746652
102. Obey M*, Barnwell JC*, Routt MLC, Miller AN. Is Sacral Dysmorphism Protective Against Spinopelvic Dissociation? Multicenter Case Series. *J Ortho Trauma* 2021 Jul 1;35(7):366-370. doi: 10.1097/BOT.0000000000002009. PMID: 34131087
103. Obey MR*, Berkes MB, McAndrew CM, Miller AN. Proximal Tibia Skeletal Traction: Technique and Indications. *J Ortho Trauma* 2021 Aug;35:S44-S45 doi: 10.1097/BOT.0000000000002160
104. Hixon KR*, McKenzie JA, Sykes DAW, Yoneda S, Hensley A, Buettmann EG, Zheng H, Skouteris D, McAlinden A, Miller AN, Silva MJ. Ablation of Proliferating Osteoblast Lineage Cells After Fracture Leads to Atrophic Nonunion in a Mouse Model. *J Bone Miner Res.* 2021 Aug 18. doi: 10.1002/jbmr.4424. PMID: 34405443
105. Cooke ME, Tornetta P 3rd, Firoozabadi R, Vallier H, Weinberg DS, Alton TB, Dillman MR, Westberg JR, Schmidt A, Bosse M, Leas DP, Archdeacon M, Kakazu R, Nzegwu I, OToole RV, Costales TG, Coale M, Mullis B, Usmani RH, Egol K, Kottmeier S, Sanders D, Jones C, Miller AN, Horwitz DS, Kempegowda H, Morshed S, Belaye T, Teague D. Open Ankle Fractures: What Predicts Infection? A Multi-center Study. *J Orthop Trauma.* 2021 Oct 14. doi: 10.1097/BOT.0000000000002293. PMID: 34711768
106. Nguyen MP, Gannon NP, Miller AN. Osteoporotic Fractures: What Orthopaedic Surgeons Can Do to Prevent the Next Fall and the Next Fracture. *J Ortho Trauma.* 2021 Oct 35:S45-S47 doi: 10.1097/BOT.0000000000002227. PMID: 34533503
107. Schieffer S*, Costa C*, Hartka T, Stitzel JD, Martin RS, Kiani B, Miller AN, Weaver AA. The relationship of body mass index, belt placement, and abdominopelvic injuries in motor vehicle crashes: A Crash Injury Research and Engineering Network (CIREN) Study. *Traffic Injury Prevention.* 18 Oct 2021. doi: 10.1080/15389588.2021.1982596
108. Oliphant BW, Jakubus JL, Mikhail JN, Miller AN, Sangji N, Scott JW, Hemmila MR. Decreasing Time to Antibiotic Administration in Open Fractures of the Femur and Tibia through Performance Improvement in a Statewide Trauma: Collaborative Quality Initiative. *Surgery.* 2022 Mar;171(3):777-784. Doi:10.1019/j.surg.2021.09.040. Epub 2021 Dec 4. PMID 34876285
109. Costa C*, Gaewsky JP, Stitzel JD, Hsu FC, Martin RS, Miller AN, Weaver AA. Development and Implementation of a Time- and Computationally-efficient Methodology for Reconstructing Real-world Crashes Using Finite Element Modeling to Improve Crash Injury Research Investigations. *Comput Methods Biomech Biomed Engin.* 2021 Dec 6;1-18. doi: 10.1080/10255842.2021.2009469
110. Cooke ME, Tornetta P 3rd, Firoozabadi R, Vallier H, Weinberg DS, Alton TB, Dillman MR, Westberg JR, Schmidt A, Bosse M, Leas DP, Archdeacon M, Kakazu R, Nzegwu I, OToole RV, Costales TG, Coale M, Mullis B, Usamni RH, Egol K, Kottmeier S, Sanders D, Jones C, Miller AN, Horwitz DS, Kempegowda H, Morshed S, Belaye T, Teague D. Open Ankle Fractures: What Predicts Infection? A Multicenter Study. *J Orthop Trauma.* 2022 Jan 1;36(1):43-48. doi: 10.1097/BOT.0000000000002293
111. Keil LG, Mullis BH, Iii PT, Alley MC, Olszewski NP, Wheeler JA, von Kaeppler EP, Morshed S, Matar RN, Archdeacon MT, Smith TW, Miller AN, Horwitz DS, Baig MS, Telgheder ZL, Azer E, Manzano GW, Vallier HA, Barnett SA, Krause PC, Bornes TD, Ricci WM, Dunne PJ, Yarbboro SR, Ment AJ, Marcantonio AJ, Alqudhaya RS, Leighton RK, Ostrum RF. Proximal Tibia Fracture Dislocations: Management and Outcomes of a Severe and Under-recognized Injury. *Injury.* 2022 Mar;53(3):1260-1267. Doi: 10.1016/j.injury.2021.09.035. Epub 2021 Sep 23. PMID 34602250
112. Jo S*, Tilan J*, McAndrew CM, Miller AN. Poor Outcomes After Anterior Impaction Pilon Fractures. *J Am Acad Orthop Surg.* 2022 Jan 1;30(1):19-26. doi: 10.5435/JAAOS-D-20-1329. PMID:34932506.

113. Obey MR*, Buesser KE*, Hofer EL*, **Miller AN**. Effect of Percutaneous Posterior Pelvic Ring Reduction and Fixation on Patient-Reported Outcomes. *J Orthop Trauma*. 2022 Feb 1;36(Suppl 2):S17-S22. doi:10.1097/BOT.0000000000002321. PMID: 35061646.
114. Inclan PM*, Velicke K*, Christ R, **Miller AN**, Brogan DM, Dy CJ. An Epidemic Amidst a Pandemic: Musculoskeletal Firearm Injuries during the COVID-19 Pandemic. *J Bone Joint Surg Am*. 2022; 104(3):215-220. doi: 10.2106/JBJS.21.00665. PMID:34932517.
115. Hixon K*, **Miller AN**. Animal Models of Impaired Long Bone Healing and Tissue Engineering- and Cell-Based In Vivo Interventions. *J Orthop Res*. 2022 Apr;40(4):767-778. doi:10.1002/jor.25277. Epub 2022 Feb 3. PMID: 35072292.
116. Hixon KR*, Katz DB, McKenzie JA, **Miller AN**, Guilak F, Silva MJ. Cryogel scaffold-mediated delivery of adipose-derived stem cells promotes healing in murine model of atrophic non-union. *Front Bioeng Biotechnol*. 2022 May 5;10:851904 doi 10.3389/fbioe.2022.851904. ECollection 2022. PMID: 35600896.
117. Levack AE, Moore HG, Stephan S, Jo S, Schroeder I, Garlich J, Hadad A, Little MTM, **Miller AN**, Lyman S, Lane J. Delayed Surgery Does Not Reduce Transfusion Rates in Low Energy Hip Fractures on Direct Oral Anticoagulants. (DOACs). *J Orthop Trauma*. 2022; Apr 1;36(4):172-178.
118. Mullis BH, Agel JMA, Jones C, Lowe J, Vallier H, Teague D, Kempton L, Schmidt A, Friess D, Morshed S, **Miller AN**, Leighton R, Tornetta P. Unilateral Sacral Fractures Demonstrate Slow Recovery of Patient Reported Outcomes Irrespective of Treatment. *J Ortho Trauma* 2022 April 1;36:179-183. doi: 10.1097/BOT0000000000002321. PMID: 34483321
119. Obey MR*, Clever DC*, Bechtold DA*, Stwalley D, McAndrew CM, Berkes MB, Wolinsky PR, **Miller AN**. In-Hospital Morbidity and Mortality with Delays to Femoral Shaft Fracture Fixation. *J Orthop Trauma*. 2022; May 1;36(5):239-245. doi:10.1097/BOT.0000000000002271. PMID: 34520446.
120. Major Extremity Trauma Research Consortium (METRC) [**Miller AN**]. Modern External Ring Fixation versus Internal Fixation for Treatment of Severe Open Tibial Fractures: A Randomized Clinical Trial (FIXIT Study). *J. Bone Joint Surg.Am*. 2022 June 15;104(12):1061-1067. doi: 10.2106/JBJS.21.01126. Epub 1011 Mar 29. PMID 36149241.
121. Olszewski NP, Tornetta III P, Givenchy M, Wilson E, Vallier H, Joseph N, Pawlak A, Kottmeier S, Miller A, Gary J, Namm J*, **Miller AN**, Gupte G, Rodriguez-Buitrago A, Obremskey W, Willier III D, Marcantonio A, Phieffer L, Sheridan E, Li K, Karunakar M, Vargas-Hernandez J, Yuan B, Shapiro J, Praston L, Freiss D, Jenkins D, Leighton R, Alqudhaya R, Aljilani W, Mullis B, Gruenwalk K, Ollivere B, Myint Y, Odom C, Spitler C, Suwak P, Shah S, Rocha D, Horwitz D. Bicondylar Tibial Plateau Fractures: What Predicts Infection? *J. Am Acad Orthop Surg*. 2022 Oct 15;30(20):e1311-e1318. doi:10.5435/JAAOS-D-21-00432. Epub 2022 Aug 16. PMID: 36200819.
122. Levack AE, Moore HG, Stephan SR, Jo S, Schroeder IG, Garlich JM, Hadad A, Little MT, **Miller AN**, Lyman S, Lane J. Chronic Warfarin Anticoagulation in Hip Fracture Patients Delays Surgery and is Associated with Increased Risk of Postoperative Complications: A Multicenter Propensity Score Matched Analysis. *J. Orthop Trauma*. 2022 Aug 31. doi:10.1097/BOT.0000000000002484. Epub ahead of print. PMID: 36048739
123. Cosgrove CT*, Wolinsky PR, Berkes MB, McAndrew CM, Stwalley DL, **Miller AN**. A Comparison of the Prevalence of, Demographics of, and Effects on Outcomes of Bilateral Versus Unilateral Femoral Shaft Fracture: A Retrospective Cohort Analysis From the National Trauma Data Bank. *J Orthop Trauma*. 2022 Jul 1;36(7):349-354. doi :10.1097/BOT.0000000000002322. PMID: 35727002.
124. Major Extremity Trauma Research Consortium (METRC) [**Miller AN**]. Effect of supplemental perioperative oxygen on SSI among adults with lower-extremity fractures at increased risk for infection: A Randomized Clinical Trial. *J Bone Joint Surg Am*. 2022 Jul 20;104(14):1236-1243. doi: 10.2106/JBJS.21.01317. Epub 2022 May 11. PMID: 35775284. Clinical Trial.
125. Obremsky WT, Rickert MM, **Miller AN**, Schemitsch GW, Nauth A, Crist BD, Gardner MJ, Watson JT, Schemitsch EH. Augmentation of fracture repair: is anything ready for prime time? *Instr Course Lecture*. 2022;71:329-344. PMID 35254792.
126. Hong Z*, Clever DC*, Tatman LM, **Miller AN**. The Effect of Social Deprivation on Fracture-Healing and Patient-Reported Outcomes following Intramedullary Nailing of Tibial Shaft Fractures. *J Bone Joint Surg Am*. 2022 Nov 16;104(22):1968-1976. doi:10.2106/jbjs.22.00251. Epub 2022 Sept 20. PMID: 36126122.

127. Saiz AM Jr*, Stwalley D, Wolinsky P, **Miller AN**. Patient Comorbidities Associated with Acute Infection After Open Tibial Fractures. *J Am Acad Orthop Surg Glob Res Rev*. 2022 Sep 23;6(9):e22.00196. doi: 10.5435/JAAOSGlobal-D-22-00196. eCollection 2022 Sep 1. PMID: 36155604.
128. Costa C*, Gaewsky JP, Stitzel JD, Gayzik FS, Hsu FC, Martin RS, **Miller AN**, Weaver AA. Development and implementation of a time-and computationally-efficient methodology for reconstructing real-world crashes using finite element modeling to improve crash injury research investigations. *Comput Methods Biomech Biomed Engin*. 2022 Sep;25(12):1332-1349. doi: 10.1080/10255842.2021.200946911):3814-3819. Epub 2021 Dec. 6. PMID: 34866520.
129. Schieffer S,* Costa C*, Gawdi R, Devane K, Ronning IN, Hartka T, Martin RS, Kiani B, **Miller AN**, Hsu FC, Stitzel JD, Weaver AA. Body mass index influence on lap belt position and abdominal injury in frontal motor vehicle crashes. *Traffic Inj Prev*. 2022;23(8):494-499. doi:10.1080/15389588.2022.2113782. Epub 2022 Aug 29. PMID: 36037019.
130. Major Extremity Trauma Research Consortium (METRC) [**Miller AN**]. The 12-Month Effects of the Trauma Collaborative Care Intervention: A Nonrandomized Controlled Trial. *J Bone Joint Surg Am*. 2022 Oct 19;104(20):1796-1804. doi:10.2106/JBJS.22.00475. Epub 2022 Aug 23. PMID:36000769.
131. Dubina AG, Morcos G, O'Hara NN, Manzano GW, Vallier HA, Farooq H, Natoli RM, Adams D, Obremskey WT, Wilkinson BG, Hogue M, Haller JM, Marchand LS, Hautala G, Matuszewski PE, Pechero GR, Gary JL, Doro CJ, Whiting PS, Chen MJ, DeBaun MR, Gardner MJ, Reynolds AW, Altman GT, Obey MR*, **Miller AN**, Haase D, Wise B, Wallace A, Hagen J, O'Donnell J, Gage M, Johnson NR, Karunaker M, Dynako J, Morellato J, Panton ZA, Gitajn IL, Haase L, Ochenjele G, Roddy E, Morshed S, Sagona AE, Caton TD, Weaver MJ, Westgerg JR, Miguel JS, O'Toole RV. Is timing of fixation associated with fracture-related infection among tibial plateau fracture patients with compartment syndrome? A multicenter retrospective cohort study of 729 patients. *Injury*. 2022 Nov;53(11):3814-3819. doi:10.1016/j.injury.2022.08.045. Epub 2022 Aug 24. PMID: 36064758.
132. Armstrong W*, Costa C*, Poveda L, **Miller AN**, Ambrosini A, Hsu F-C, Kiani B, Martin RS, Stitzel JD, Weaver AA. Effects of muscle quantity and bone mineral density on injury outcomes in older adult motor vehicle crash occupants. *Traffic Inj Prev*. 2022;23(sup1):S86-S91. doi: 10.1080/15389588.2022.2124864. Epub 2022 Oct. 3. PMID: 36190765.
133. Obey MR*, **Miller AN**. Resources for patient mental health and well-being after orthopaedic trauma. *J Ortho Trauma*. 2022 Oct 1;36(suppl5):S10-S15. doi: 10.1097/BOT.0000000000002445. PMID: 36121325.
134. Herrera-Escobar JP, Reidy E, Phuong J, Brasel KJ, Cuschieri J, Fallat M, Potter BK, Price MA, Bulger EM, Haider AH, Bonne S, Brasel KJ, deRoos-Cassini T, Dicker RA, Ficke JR, Gabbe B, Gibran NS, Heinemann AW, Ho V, Kao LS, Kellam JF, Kurowski BG, Levi-Carrick NC, Livingston D, Mandell SP, Manley GT, Michetti CP, **Miller AN**, Newcomb A, Okonkwo D, Potter BK, Seamon M, Stein D, Wagner AK, Whyte J, Yonclas P, Zatzick D, Zielinski MD, NTRAP Long-Term Outcomes Panel. Developing a National Trauma Research Action Plan: Results from the long-term outcomes research gap Delphi survey. *J Trauma Acute Care Surg*. 2022 Dec 1;93(6):854-862. doi: 10.1097/TA.0000000000003747. Epub 2022 Aug 16. PMID: 35972140.
135. O'Hara NN, Castillo RC, Carlini AR, Joshi M, Murray CK, Allen LE, Huang Y, Gary JL, Bosse MJ, Obremskey WT, McKinley TO, Schmidt AH, O'Toole RV, and METRC [**Miller AN**]. Application of Bayesian Methods to help interpret the VANCO trial results. *J Ortho Trauma*. 2023 Jan 1;37(1):1-7. doi: 10.1097/BOT.0000000000002458. PMID 35830572. Clinical Trial.
136. Collinge CA, Reeb AF, Rodriguez-Buitrago AF, Archdeacon MT, Beltran MJ, Gardner MJ, Jeray KJ, **Miller AN**, Crist BD, Sems SA, Shah NS, Fogel N, Tibbo M. Analysis of 101 Mechanical Failures in Distal Femur Fractures Treated With 3 Generations of Precontoured Locking Plates. *J Orthop Trauma*.. 2023 Jan 1;37(1):8-13. doi: 10.1097/BOT.0000000000002460. Epub 2022 Jul 18. PMID: 35862769.
137. Shelton, WL, Krause PC, Fox R, Lowe M, DeLatin L, Leonardi C, **Miller AN**, Spitler C, Mullis B, Savakus J, Purcell K, Tilan J*, Vallier H, Wichern E. Risk of Infection Following Gunshot Wound Fractures to the Foot and Ankle: A Multicenter Retrospective Study. *J Foot Ankle Surg*. 2023 Jan-Feb;62(1):50. doi:10.1053/j.jfas.2022.03.011. Epub 2022 Apr 1. PMID:35466017.
138. Chang PS*, Bechtold D*, Kazarian GS, Tian A*, **Miller AN**, McAndrew CM, Inclan PM, Berkes MB. Small residual fracture gaps delay time to union in length stable femur fractures treated with intramedullary fixation. *Injury*. 2023 Feb;54(2):687-693. doi: 10.1016/j.injury.2022.11.006. Epub 2022 Nov 12. PMID: 36402583.

139. Morris CA, Moo Young JP, Savakus JC, Obey MR*, Pereira DE*, Hills, JM, McKane A, Babcock SN, **Miller AN**, Stephens BF, Mitchell PM. Neurologic injury after spinopelvic dissociation: incidence, outcome, and predictors. *Injury*, 2023 Feb;54(2):615-619. doi:10.1016/j.injury.2022.10.008. Epub 2022 Oct 28. PMID 36371318.
140. Levack AE, Moore HG, Stephan SR, Jo S, Schroeder IG, Garlich JM, Hadad A, Little MTM, **Miller AN**, Lyman S, Lane JM. Chronic warfarin anticoagulation in hip fracture patients delays surgery and is associated with increased risk of postoperative complications: a multicenter propensity-score—matched analysis. *J Orthop Trauma*. 2023 Feb 1;37(2):57-63 doi: 10.1097/BOT.0000000000002484. PMID 36048739.
141. Murphy PB, Kasotakis G, Haut ER, **Miller AN**, Harvey E, Hasenboehler E, Higgins T, Hoegler J, Mir H, Cantrell S, Obremskey WT, Wally M, Attum B, Seymour R, Patel N, Ricci W, Freeman JJ, Haines KL, Yorkgitis BK, Padilla-Jones BB. Efficacy and safety of on-steroidal anti-inflammatory drugs (NSAIDs) for the treatment of acute pain following orthopedic trauma: A practice management guideline from the Eastern Association for the Surgery of Trauma and the Orthopedic Trauma Association. *Trauma Surg & Acute Care Open*. 2023 Feb 21;8(1):e001056. doi: 10.1136/tsaco-2022-001056. PMID 36844371.
142. Ritter V, Lin FC, **Miller AN**, Ostrum RF. Fixation of humerus shaft fractures in polytrauma patients does not improve short-term outcomes. *Injury*, 2023 Feb;54(2):573-577. doi: 10.1016/j.injury.2022.11.060. Epub Nov. 29. PMID: 36470765.
143. Barnard ER*, Stwalley D, **Miller AN**. State of the Union: Timeliness to antibiotics in open fractures. *J Orthop Trauma*. 2023 May 1;37(5):e213-e218. doi: 10.1097/BOT.0000000000002546. PMID: 36729516.
144. Murphy L, **Miller AN**, Vallier HA, Roffey DM, Lefaivre KA. Gender diversity, leadership, promotion and opportunity among the members of the Orthopaedic Trauma Association (OTA). *J Ortho Trauma*. 2023 Jun 1;37(6):e240-e246. doi: 10.1097/BOT.0000000000002566. PMID 36728174.
145. Ramtin S, Ring D, Vallier H, Wolinsky PR, **Miller AN**. Factors associated with surgeon recognition of mental health care opportunities and inclination to attend to mental health. *J of Psychosom Res*. 2023 Jul;170:111368. doi: 10.1016/j.jpsycores.2023.111368. Epub 2023 May 23. PMID: 37245450.
146. Moo Young JP, Savakus JC, Obey MR*, Pereira DC*, Hills JM, McKane A, Babcock SN, **Miller AN**, Stephens BF, Mitchell PM. Percutaneous posterior pelvic fixation of spinopelvic dissociation: A multicenter series of displaced patterns. *J Ortho Trauma*. 2023 Aug 1;37(8):371-376. PMID: 37016470.
147. Adelani MA, Hong Z*, **Miller AN**. Effect of lawsuits on professional well-being and medical error rates among orthopaedic surgeons. *J Am Acad Orthop Surg*. 2023 Aug 15;31(16):893-900. doi: 10.5435/JAAOS-D-23-00174. Epub 2023 Jun 12. PMID: 37311452.
148. Oliphant BW, **Miller AN**, Wolinsky P. Inpatient infection rate should not sway antibiotic timing protocols. *J Trauma Acute Care Surg*. 2023 Sep 1;95(3):e17-e18. doi: 10.1097/TA.0000000000003932. Epub 2023 Apr 30. PMID 37125785.
149. Patterson JT, O'Hara NN, Scharfstein DO, Castillo RC, O'Toole RV, Firoozabadi R; METRC [**Miller AN**]. Do superficial infections increase the risk of deep infections in tibial plateau and plafond fractures? *Eur J Ortho Surg Traumatol*. 2023 Oct;33(7):2805-2811. doi: 10.1007/s00590-022-03438-1. Epub 2022 Nov 23. PMID: 36418579.
150. Moore L, Drager J, Freire G, Yanchar N, **Miller AN**, Ben Abdel A, Berube M, Tardif PA, Gnanvi J, Stelfox HT, Beaudin M, Stang A, Beno S, Weiss M, Labrosse M, Zemek R, Gagnon Pt IJ, Beaulieu E, Berthelot S, Klaussen T, Turgeon AF, Lauzier F, Gabbe Pt B, Carsen S. Clinical practice guideline recommendations in pediatric orthopedic injury: a systematic review. *J Pediatr Ortho*. 2023 Nov-Dec 01;43(10):e790-e797. doi:10.1097/BPO.00000000000022496. Epub 2023 Aug 22. PMID 37606069.
151. Mesfin A, Carsen S, Dickens JF, Eward W, **Miller AN**, Protosaltis T, Monument MJ. The 2022 American-British-Canadian (ABC) Traveling Fellowship: The Post-Pandemic Tour. *J Bone Joint Surg Am*. 2023 Nov 15;105(22):1825-1830. doi: 10.216/JBJS.23.00538. Epub 2023 Aug 23. PMID: 37611250.
152. Weaver AA, Ronning IN, Armstrong W*, **Miller AN**, Kiani B, Martin SR, Beavers KM, Stitzel JD. Computed tomography assessment of pelvic bone density: Associations with age and pelvic fracture in motor vehicle crashes. *Accid Anal Prev*. 2023 Dec 193:107291. doi: 10.1016/j.app.2023.107291. Epub 2023 Sep 15. PMID: 37716194.
153. Alley MC, Vallier HA, Torneetta P 3rd, Flanagan CD, Shin S, Obremskey WT, Hemmerly S, Mullis BH, Farroq H, Bosse MJ, Wohler A, Sagi HC, Matar RN, Weiss D, Prakash H, Jones CB, White A, Rosenbaum AJ, O'Conner CM, **Miller AN**, Obey M*, Kottmeier S, Pawlak A, Yuan B, Somasundaram V, Mir H, Bauer A,

- Reid JS, Mun F, Spitler CA, Love B, Hortitz D, Baig MS, Doty J, Dunlap B, Marcantonio AJ, Ment A, Ostrum RF, Keil LG, Kraus P, Suwak P, Ollivere B, Broomfield J. Identifying risk factors for osteonecrosis after talar fracture. *J Orthop Trauma*. 2024 Jan 1;38(1):25-30 doi: 10.1097/BOT.0000000000002706. PMID 37735752.
154. MacKechnie MC, Shearer DW, Verhofstad MHJ, Martin C, Graham SM, Pesantez R, Schuetz M, Hüttl T, Kojima K, Bernstein BP, Miclau T; Delphi Study Group [Miller AN]. Establishing Consensus on Essential Resources for Musculoskeletal Trauma Care Worldwide: A Modified Delphi Study. *J Bone Joint Surg Am*. 2024 Jan 3;106(1):47-55. doi: 10.2106/JBJS.23.00387. Epub 2023 Sept 14. PMID: 37708306.
 155. Gerull KM*, Klein SE, Miller AN, Cipriano CA. Do women and minority orthopaedic residents report experiencing worse well-being and more mistreatment than their peers? *Clin Orthop Relat Res*. 2024 Feb 23. doi: 10.1097/CORR.0000000000003015. Epub ahead of print. PMID: 38411996.
 156. LaGrone L, Stein D, Cribari C, Kaups K, Harris C, Miller AN, Smith B, Bulger E, Napolitano LM. American Association for the Surgery of Trauma (AAST) / American College of Surgeons Committee on Trauma (ASC-COT): Clinical protocol for damage control resuscitation for the adult trauma patient. *J Trauma Acute Care Surg*. 2024 Mar 1;96(3):510-520. doi: 10.1097/TA.0000000000004088. Epub 2023 Sep 12. PMID: 37697470. *Best of 2024 Award*.
 157. Harrison N*, Hysong A, Posey S, Yu Z, Chen AT, Pallitto P, Gardner MJ, Dumpe J, Mir H, Babcock S, Natoli RM, Adams JD, Zura RD, Miller AN, Seymour RB, Hsu JR, Obremskey W; and the Evidence-Based Musculoskeletal Injury and Trauma Collective (EMIT). Outcomes of humerus nonunion surgery in patients with initial operative fracture fixation. *J Ortho Trauma*. 2024 Mar 1;38(3):168-175. doi: 10.1097/BOT.0000000000002740. PMID: 38158607.
 158. Medda S*, Cuadra M, Yu Z, Manzano G, Spitler C, Matuszewski P, Patch D, Pease T, Chen A, Garrard V, Kuranaker M; and the EMIT Pelvic Fracture Study Group [Miller AN]. Does anterior plating of pelvic ring fractures increase infection risk in patients with bladder or urethral injuries? *J Orthop Trauma*. 2024 Mar 1;38(3):129-133. doi: 10.1097/BOT.0000000000002745. PMID: 38117571.
 159. Light JJ*, Davis JM, Dunahoe J*, Stwalley D, Miller AN, Cannada LK. Evaluation of obesity and age as a predictive factor of lower extremity compartment syndrome: A National Trauma Data Bank Analysis. *Am J Surg*. 2024 Apr 16:S0002-9610(24)00230-7. doi: 10.1016/j.amjsurg.2024.04.013. Epub ahead of print. PMID: 38653707.
 160. Gohel N, Khambete P, Gerhardinger L, Miller AN, Wolinsky P, Jarman M, Scott JW, Vaidya R, Hemmila MR, Oliphant BW. Characterizing trauma patients with delays in orthopaedic process measures. *J Trauma Acute Care Surg*. 2024 Apr 30. doi: 10.1097/TA.0000000000004346. Epub ahead of print. PMID: 38685206.
 161. Fram BR, Bosse MJ, Odum SM, Reider L, Gary JL, Gordon WT, Teague D, Alkhoury D, MacKenzie EJ, Seymour RB, Karunakar MA, METRC [Miller AN]. Do transtibial amputations outperform amputations of the hind- and midfoot following severe limb trauma?: A secondary analysis of the OUTLET study. *J Bone Joint Surg Am*. 2024 May 1;106(9):776-781. doi: 10.2106/JBJS.23.00878. Epub 2024 Mar 21. PMID: 38512987
 162. Agrawal RR*, Barber HF*, Barnard ER*, Miller AN. Acetabular dysplasia and posterior wall fractures: The missing link? *Injury*. 2024 May 6;55(7):111601. doi: 10.1016/j.injury.2024.111601. Epub ahead of print. PMID: 38810571.
 163. Major Extremity Trauma Research Consortium (METRC) [Miller AN]. The Bioburden Associated with Severe Open Tibial Fracture Wounds at the Time of Definitive Closure or Coverage: The BIOBURDEN Study. *J Bone Joint Surg Am*. 2024 May 15;106(10):858-868. doi: 10.2106/JBJS.23.00157. Epub 2024 Mar 15. PMID: 38489393
 164. Miller AN, Strelzow JA, Sakran JV, Ficke JR. AOA Critical Issues Symposium: Gun Violence as a Public Health Crisis. *J Bone Joint Surg*. 2024 Oct 2;106(19):1836-1841. doi: 10.2106/JBJS.23.01260. PMID: 38502726
 165. Barber HF*, Agrawal RR*, Barnard ER*, Miller AN. Can acetabular dysplasia be measured on axial CT? A measurement for trauma surgeons. *Injury* 2024. 2024 Nov;55(11):111774. doi: 10.1016/j.injury.2024.111774. Epub 2024 Aug 3. PMID: 39163738
 166. Buesser K*, Miller AN. Combined Irreducible Femoral Head Fracture-Dislocation and Ipsilateral Segmental Femur Fracture: A case report. *JBJS Case Connector* 2024. 2024 Aug 1;14(3).doi: 10.2106/JBJS.CC.24.00034. eCollection 2024 Jul 1. PMID: 39088654

167. Light JJ*, Davis JM, Dunahoe J*, Stwalley D, **Miller AN**, Cannada LK. Evaluation of Obesity and Age as a Predictive Factor of Compartment Syndrome. *Am J Surg* 2024. Aug;234:129-135. doi: [10.1016/j.amjsurg.2024.04.013](https://doi.org/10.1016/j.amjsurg.2024.04.013) Epub 2024 Apr 16. PMID: 38653707
168. Gutbrod JT*, Stwalley D, **Miller AN**. Effect of Surgical Fixation Timing On In-Hospital Mortality and Morbidity of Distal Femur Fractures. *Injury*. 2024 Nov 5. DOI: 10.1016/j.injury.2024.111927. PMID: 39357193
169. Hong Z*, **Miller AN**. Factors Influencing Professional Well-Being in Orthopaedic Surgeons. *J Surg Orthopaedic Advances* 2024 Winter;33(4):247-253. PMID: 39644293
170. Harrison NJ*, Jo S*, Berkes MB, McAndrew CM, Obey MR*, **Miller AN**. Ballistic Femoral Neck Fractures: Associated Injuries and Outcomes. *Injury* 2025 Feb;56(2):112148. doi: 10.1016/j.injury.2025.112148. Epub 2025 Jan 9. PMID: 39813950
171. Boissonneault A, O'Toole RV, Hayda R, Reid JS, Caroom C, Carlini A, Dagal A, Castillo R, Karunakar M, Matuszewski PE, Hymes R, O'Hara NN, Major Extremity Trauma Research Consortium (METRC) [**Miller AN**]. Are Drains Associated with Infections After Operative Fixation of High-Risk Tibial Plateau and Pilon Fractures? *J Orthop Trauma*. 2025 Feb 1. DOI: 10.1097/BOT.0000000000002933. PMID: 39526788
172. Dehghan N, Cannada LK, El Naga AN, **Miller AN**, Schlatterer D. Trauma Center Proliferation in the United States: Concerns and Potential Solutions. *OTA Int*. 2025 Feb 5. DOI: 10.1097/OI9.0000000000000359. PMID: 39911694
173. Major Extremity Trauma Research Consortium (METRC), Obremskey WT, O'Toole RV, Morshed S, Tornetta 3rd P, Murray CK, Jones CB, Scharfstein DO, Taylor TJ, Carlini AR, DeSanto JM, Castillo RC, Bosse MJ, Karunakar MA, Seymour RB, Sims SH, Weinrib DA, Churchill C, Carroll EA, Pilson HT, Goodman JB, Holden MB, **Miller AN**, Sietsema DL, Stahel PF, Mir H, Schmidt AH, Westberg JR, Mullis B, Shively KD, Hymes RA, Konda SR, Vallier HA, Breslin MA, Smith CS, Crickard CV, Reid JS, Baker M, Eglseider WA, LeBrun C, Manson T, Mascarenhas DC, Nascone J, Pollak AN, Schloss MG, Sciadini MF, Degani Y, Miclau T, Weiss DB, Yarboro SR, McVey ED, Firoozabadi R, Agel J, Burgos EJ, Gajari V, Rodriguez-Buitrago A, Tummuru RR, Trochez KM. Oral vs Intravenous Antibiotics for Fracture-Related Infections: The POvIV Randomized Clinical Trial. *JAMA Surg*. 2025 Mar 1. DOI: 10.1001/jamasurg.2024.6439. PMID: 39841468
174. **Miller AN**, Gutbrod J*, Samora J, Taitsman L. Workplace Violence in Healthcare: Current State of Affairs and Methods of Prevention. *JAAOS* 2025. 2025 Apr 10;33(12):e648-e656. doi: 10.5435/JAAOS-D-24-01041. PMID: 40233398
175. Simske NM, **Miller AN**, Ring D, Mir H, Vallier HA, Wolinsky P. Mental Health Resources for Orthopaedic Trauma Patient Care: A Survey of Orthopaedic Trauma Association Members. *OTA Int*. 2025 Apr 24. doi: 10.1097/OI9.0000000000000398. PMID: 40276705
176. Gerull KM*, Faust AM*, Reaver CN*, Sane ES*, Cipriano CA, **Miller AN**. Addressing Issues of Inclusive Workplace Culture for Women Orthopaedic Surgeons in Academia. *JBJS* 2025. 2025 May 21;107(10):e48. doi: 10.2106/JBJS.24.01134. Epub 2025 Mar 28. PMID: 40153480
177. Moore L, et al., and Quality Indicators in Pediatric Trauma Care expert consensus group [**Miller A**]. Evidence-Informed Quality Indicators for Pediatric Trauma Care: An Expert Consensus Study. *JAMA Pediatrics* 2025. 2025 Jun 1;179(6):666-674. doi: 10.1001/jamapediatrics.2025.0036. PMID: 40163207
178. Gloystein TK, Gerhardinger LJ, Johnson JP, **Miller AN**, Wolinsky PR, Oliphant B. Defining a Hip Fracture: Surveying Orthopaedic Surgeons to Better Characterize the Injury. *JAAOS* 2025. 2025 Jul 2. doi: 10.5435/JAAOS-D-24-01503. PMID: 40627830
179. Landoch S, Foster JA, Cannada LK, Obremskey WT, Will R, Fram B, Mears SC, Stambough JB, Stronach, BM, Brown H, Halvorson JJ, Andring N, Marengi N, Dehghan N, Huynh T, Ryan S, Guenther G, Shiinoki A, Fischman JM, Rodriguez E, Moreno-Diaz AF, Aleksander M, Chowdry F, Chen A, Zaia Z, **Miller AN**, Gutbrod J*, Hofer E*, Quatman C, Dumpe J, Denisiuk M, Sutherland M, Israel H, Matuszewski P, Aneja A. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study. *J Orthop Trauma*. 2025 May 6. doi: 10.1097/BOT.0000000000003003. Online ahead of print. PMID: 40333724
180. Pereira DE*, Reaver CN*, Barber H*, **Miller AN**. Comparative Analysis of Clinical Relevance and Accuracy in AI-Assisted Patient Consultations on Ankle and Clavicle Fracture Surgeries. *Injury* 2025 Jul;56(7):112400. doi: 10.1016/j.injury.2025.112400. Epub 2025 May 5. PMID: 40344857
181. Oliphant BW, Gerhardinger LJ, Regenbogen SE, Norton EC, Scott JW, Winchell RJ, **Miller AN**, Hemmilla MR. Tracking Patients With Lower-Extremity Fracture in a Trauma Registry Who Develop an Infection after

- Discharge. *SURGERY*. 2025 Jun 30;185:109522. doi: 10.1016/j.surg.2025.109522. Online ahead of print. PMID: 40592058
182. Schultz EA, Welch JM, Cross W, Shah K, Mansuripur PK, Kain M, Holte P, Lee BJ, Burn M, Hall K, Willey M, McKee M, Pang E, DeBaun M, Douglass N, Egol K, Lavery D, **Miller AN**, Jeray K, Schenker M, Cannada LK, Hernandez G, Mehta S, Wustrack R, Mitchell A, Morshed S, Gardner M, Morris A, Baker L, Shapiro LM, Sox-Harris A, Kamal RN. Drivers of Delayed Time to Surgery for Hip Fracture Patients: A Multi-Center Qualitative Study. *JAAOS*. 2025 Aug 4. doi: 10.5435/JAAOS-D-25-00076. Online ahead of print. PMID: 40758987
 183. Harrison NJ*, Cahill SV*, **Miller AN**, McAndrew CM, Berkes MB, Obey MR. Low-Energy Scapular Dislocation: A Rare Complication after Glenohumeral Arthrodesis – A Case Report. *JBJB Case Connector*. 2025 Jul 31;15(3). doi: 10.2106/JBJS.CC.24.00494. eCollection 2025 Jul 1. PMID: 40743320
 184. Gutbrod JT*, Hong Z*, Herbosa CG*, Stwalley D, Wilson JL, **Miller AN**. Effect of Social Deprivation on Treatment Strategy and Patient-Reported Outcomes of Proximal Humerus Fractures. *JAAOS*. 2026 Mar 1. doi: 10.5435/JAAOS-D-25-00378. PMID: 40907000
 185. Bangert LG*, Armstrong W*, Shangin E, Stitzel JD, Martin RS, **Miller AN**, Riexinger LE, Weaver AA, Collins CJ. Predicting Distal Tibia Fracture Type Using Demographic, Vehicle, And Crash Factors Via A Random Forest Classification Algorithm. *Traffic Inj Prev*. 2025 Jul 31;1-10. doi: 10.1080/15389588.2025.2527849. Online ahead of print. PMID: 40742882
 186. Armstrong W*, Devane K, Hsu FC, **Miller AN**, Kiani B, Martin RS, Stitzel JD, Weaver AA. The Impact of Sex on Abdominopelvic Injury Patterns and Causation in Frontal Vehicle Collisions. Submitted.
 187. Haydel A, Christianson E, Baum S, Johnson T, Zhang T, Hartline J, Chintalapudi N, Karunakar M, Soni C, Lopas LA, Guisse NF, **Miller AN**, Kurkowski SC, Sagi HC, Poirier JL, Jang Y, Dasari SP, Hebert-Davies J, Rutz RW, Spitler CA, Lauck BJ, Lin CQ, Ivanov D, Chen AT, Khaleel M, Della Rocca GJ, Leonardi C, Krause P. Treatment and Outcomes for GSW Humerus Fractures: A Multicenter Analysis. *J Orthop Trauma*. 2025 Dec 30. doi: 10.1097/BOT.0000000000003142. PMID: 41468251
 188. Zhang Y, Huang T, Liu C, **Miller AN**, Yang M, Harris IA, Sawaguchi T, Miclau T, Tian M, Chui CS, Zhang N, Cheung WH, Wong RMY. Comparative Evaluation of Large Language Models for Hip Fracture-Related Patient Questions: DeepSeek-V3-FW, Gemini 2.0 Flash, and ChatGPT-4.5. 2026 Jan 30. *Digital Health*. DOI: 10.1177/20552076251412989. PMID: 41623725
 189. Pereira DE, Broz K, Gosselin M, Namm JD, Hofer EL, Barnard ER, Aboytes DA, Tang SY, **Miller AN**. Influence of Subchondral Bone Density on Intra-articular Stresses Due to Fixation Hardware Instrumentation and Removal: A Biomechanical Cadaver Study. *Injury*. 2026 Apr. doi: 10.1016/j.injury.2026.113121. PMID: 41855643
 190. Christianson EA, Leonardi C, Haydel A, Baum S, Johnson T, Zhang T, Hartline J, Chintalapudi N, Karunakar M, Soni C, Lopas LA, Guisse NF, **Miller AN**, Mahatme RJ, Moore SA, Sagi HC, Poirier JL, Jang Y, Dasari S, Hebert-Davies J, Rutz RW, Spitler CA, Lauck BJ, Lin CQ, Ivanov D, Chen AT, Khaleel M, Della Rocca GJ, Krause PC. Nerve Injuries in Ballistic Humerus Fractures: A Multicenter Analysis. *J Orthop Trauma*. Submitted.
 191. Rivera AM, Bentz GP, Stone DH, Pereira DE, Galla JT, Ledesma JA, Dalton J, Montgomery BK, Clohisy JC Jr, Wilson JL, Newman BJ, Buchowski J, Bridwell K, Obey MR, **Miller AN**, Lambrechts MJ. Sacral U-Type Fractures: A Comparative Study of Treatment Approaches. *Global Spine J*. 2026 Feb 2. DOI: 10.1177/21925682261422685. PMID: 41627299. Online ahead of print.
 192. Madrid Fuentes DA, Armstrong W, Hsu FC, Bowles J, Guerrero Sanchez GB, Popuri K, Faisal Beg M, May AK, Torres Fajardo RA, Lopez R, Kiani B, Martin RS, **Miller AN**, Devane K, Stitzel JD, Weaver AA. Validation and Application of Automated CT Analysis to Musculoskeletal Profiling in MVC Occupants. *Traffic Inj Prev*. 2026 June 11. DOI: 10.1080/15389588.2026.2674231. PMID: 42275029

INVITED PUBLICATIONS

Book Chapters and Clinical Practice Guidelines

1. **Miller AN**, Beingessner DM. Intra-articular Distal Humerus Fractures. In: Leslie MP, Dodds SD, eds. *Orthopaedic Clinics of North America: Emerging Concepts in Upper Extremity Trauma*. Philadelphia:

Elsevier, January 2013. 44(1) 35–45. ISSN 0030-5898, ISBN-13: 978-1-4557-4956-0
10.1016/j.jocl.2012.08.010. PMID: 23174324

2. **Miller AN**. Intramedullary Nailing of Diaphyseal Femur Fractures. In: Flatow E, Colvin AC, eds. *American Academy of Orthopaedic Surgeons Atlas of Essential Orthopaedic Procedures*. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2013: 407-411. ISBN 978-0-89203-634-9
3. Meftah M, **Miller AN**, Johnson AH, Su EP, Ranawat AS. Arthroplasty. In: Sculco TP, Lim MR, Pearle AD, Ranawat AS, eds. *Hospital for Special Surgery Orthopaedic Manual*. Edition: 1 Pap/Psc. Philadelphia: Lippincott. 2014:1-65. ISBN 978-0-7817-6467-4
4. American College of Surgeons' Committee on Trauma Orthopaedic Chair. Resources for Optimal Care of the Injured Patient. 2014. ISBN 978-0-9846699-8-1 <https://www.facs.org/-/media/files/quality-programs/trauma/vrc-resources/resources-for-optimal-care.ashx>
5. **Miller AN**. Foot Fractures and Dislocations. In: Orthopaedic Knowledge Update: Trauma 5. American Academy of Orthopaedic Surgeons. 2016:587-596. ISBN 978-1-62552-433-1
6. **Miller, AN**: Subtrochanteric and Pertrochanteric Femur Fractures, in Bukata SV, Marecek GS, ed: Let's Discuss: Hip Fractures—Including Osteoporosis. Rosemont, IL, American Academy of Orthopaedic Surgeons, 2016, pp 51-69.
7. **Miller AN**. ACS TQIP Best Practices Guidelines in Imaging. American College of Surgeons. October 2018. https://www.facs.org/-/media/files/quality-programs/trauma/tqip/imaging_guidelines.ashx
8. American Academy of Orthopaedic Surgeons Performance Measure – Technical Report for the Management of Osteoarthritis of the Hip – Timing of Surgical Intervention. <https://www.aaos.org/globalassets/quality-and-practice-resources/hip-fractures-in-theelderly/hip-fx-timing-measure-technical-report.pdf> Published April 14, 2018
9. **Miller AN**, Achor TS. Acetabular Fractures. In: Illustrated Tips and Tricks for Intraoperative Imaging in Fracture Surgery. Philadelphia: Wolters Kluwer. 2018: Chapter 15:137-146. ISBN 978-1-49632-896-0
10. Gardner MJ, Hebert-Davies J, Henley MB, **Miller AN**. Clavicle Fractures. Harborview Illustrated Tips and Tricks in Fracture Surgery. 2nd Alumni Edition. Philadelphia: Wolters Kluwer. 2019: Section 2:127-140. ISBN 978-1-49635-598-0
11. Beingessner DM, Evans AR, Githens MF, Henley MB, **Miller AN**. Proximal Radius and Ulna Fractures. Harborview Illustrated Tips and Tricks in Fracture Surgery. 2nd Alumni Edition. Philadelphia: Wolters Kluwer. 2019:Section 3: 177-198. ISBN 978-1-49635-598-0
12. Adams MR, Evans JM, Firoozabadi R, Githens MF, **Miller AN**, Sirkin MS, Yuan BJ. Femoral Neck Fractures. Harborview Illustrated Tips and Tricks in Fracture Surgery. 2nd Alumni Edition. Philadelphia: Wolters Kluwer. 2019: Section 5:343-360. ISBN 978-1-49635-598-0
13. Evans AR, Githens MF, Henley MB, Hymes RA, **Miller AN**. Tibia Shaft Fractures. Harborview Illustrated Tips and Tricks in Fracture Surgery. 2nd Alumni Edition. Philadelphia: Wolters Kluwer. 2019: Section 8:525-550. ISBN 978-1-49635-598-0
14. **Miller AN**, Mir HR. Perioperative Pain Management of Fractures. In: Tornetta P, Ricci WM, Ostrum RF, McQueen MM, McKee MD, Court-Brown CM, eds. *Rockwood and Green's Fractures in Adults*, Edition: 9E. Philadelphia: Wolters Kluwer. Mar 2019: Chapter 27:790-797. ISBN 978-1-49638-651-9
15. National Quality Forum Trauma Outcomes Committee [**Miller AN**]. Population-Based Trauma Outcomes. May 2019. ISBN 9978-1-68248-114-1.
https://www.qualityforum.org/Publications/2019/05/Trauma_Outcomes_Final_Report.aspx
16. **Miller AN**. Intramedullary Nailing of Diaphyseal Femur Fractures. In: Flatow E, Colvin AC, eds. *American Academy of Orthopaedic Surgeons Atlas of Essential Orthopaedic Procedures*. 2nd Edition. Rosemont, IL: American Academy of Orthopaedic Surgeons, Aug 2019: Chapter 74:595-600. ISBN 978-1-975124-86-1
17. Eastern Association for the Surgery of Trauma and Orthopaedic Trauma Association on the Efficacy and Safety of NSAIDs Following Orthopaedic Trauma Practice Management Guidelines. 2019.
<https://www.east.org/education-career-development/practice-management-guidelines/details/71/the-efficacy-and-safety-of-nonsteroidal-antiinflammatory-drugs-nsaids-following-orthopedic-trauma>
18. Ahn J, Nana AD, Mirick G, **Miller, AN**. United States Bone and Joint Initiative: The Burden of Musculoskeletal Diseases in the United States (BMUS), Fourth Edition, 2020. Rosemont, IL. Available at <http://www.boneandjointburden.org>

19. ACS Committee on Trauma: Best Practices Guidelines for Acute Pain Management in Trauma Patients. November 2020. https://www.facs.org/-/media/files/quality-programs/trauma/tqip/acute_pain_guidelines.ashx
20. American Academy of Orthopaedic Surgeons/Major Extremity Trauma and Rehabilitation Consortium Clinical Practice Guideline for Pharmacologic, Physical, and Cognitive Pain Alleviation for Musculoskeletal Extremity/Pelvis Surgery <https://www.aaos.org/painalleviationcpg> Published July 19, 2021.
21. Obremskey W, Rickert M, **Miller AN**, Schemitsch GW, Nauth A, Crist BD, Gardner MJ, Watson JT, Schemitsch EH. Augmentation of Fracture Repair: Is Anything Ready for Prime Time? Instr Course Lect. 2022;71:329-344. PMID: 35254792
22. **Miller A**, Flanagan CD, Mir H. Perioperative Pain Management of Fractures. In: Tornetta P, Ricci WM, Ostrum RF, et al., eds. Rockwood and Green's Fractures in Adults, Edition: 10. Philadelphia: Wolters Kluwer. Chapter 28.

Electronic Media

1. **Miller AN**, Sangeorzan B. Resident Core Curriculum. Midfoot Fractures and Dislocations. Orthopaedic Trauma Association. October 2011
2. **Miller AN**. Resident Core Curriculum Version IV. General Section Editor: Biology of Bone Repair. Orthopaedic Trauma Association. December 2013
3. Marquez-Lara A*, Beard HR*, **Miller AN**. Intramedullary Tibial Nail: Surgical Technique. Orthopaedic Trauma Association Video Library. November 2015. <https://vimeopro.com/orthotraumaasn/2015-surgical-technique-videos/video/147859913>
4. **Miller AN**, Kregor P. Resident Core Curriculum. Acetabular Fractures: Surgical Management. Orthopaedic Trauma Association. March 2017
5. **Miller AN**, Storm K, McAndrew CM, Ricci WM, Avery MC*. Ankle Spanning External Fixator Application. OTA Video Abstract Supplement, Journal of Orthopaedic Trauma. August 2018
6. **Miller AN**, Storm K, McAndrew CM, Ricci WM, Avery MC*. Distal Tibial Intramedullary Nailing Utilizing an Extraarticular, Lateral Parapatellar Approach in the Semiextended Position. OTA Video Library. August 2018. <https://otaonline.org/video-library/45036/procedures-and-techniques/multimedia/16731441/distal-tibial-intramedullary-nailing-utilizing-an>
7. **Miller AN**, Storm K, Ricci WM, McAndrew CM, Avery MC*. ORIF Femoral Head, via Smith-Petersen Approach. OTA Video Library. August 2018. <https://otaonline.org/video-library/45036/procedures-and-techniques/multimedia/16731373/orif-femoral-head-via-smith-peterson-approach>
8. **Miller AN**, Storm K, McAndrew CM, Ricci WM, Avery MC*. ORIF Pilon, via Posteromedial and Anterolateral Approaches. OTA Video Library. August 2018. <https://otaonline.org/video-library/45036/procedures-and-techniques/multimedia/16723110/orif-pilon-via-posteromedial-and-anterolateral>
9. Cosgrove CT*, Berkes MB, McAndrew CM, **Miller AN**. Kocher-Langenbeck Approach for Posterior Wall Acetabular Fractures. OTA Video Library 2019. <https://otaonline.org/video-library/45036/procedures-and-techniques/multimedia/17980367/kocher-langenbeck-approach-to-the-posterior>
10. **Miller AN**, Vallier H, et al. Development of Programs to Optimize Recovery After Trauma. Orthopaedic Trauma Association 2020 Webinar Series
11. **Miller AN**. Back to the New Normal: Return to Orthopaedic Trauma & Fracture Care in a COVID-19 World. Orthopaedic Trauma Association 2020 Webinar Series
12. **Miller AN**. Distal Femur Fractures Pitfalls Plate vs Nail. Orthopaedic Video Theater. American Academy of Orthopaedic Surgeons. August 2020
13. **Miller AN**, McAndrew CM, Berkes MB, Obey M., Proximal Tibia Skeletal Traction-Technique and Indications. OTA Video Library. <https://otaonline.org/video-library/45036/procedures-and-techniques/multimedia/18832964/proximal-tibia-skeletal-traction-technique-and>
14. Hamula M, Hasan S, **Miller AN**. Intramedullary Tibial Nail: Surgical Technique. Surgical Insights: Taking Orthopaedic Trauma Call. American Academy of Orthopaedic Surgeons Video Course. February 2021.
15. LaGrone LN, Stein D, Cribari C, Kaups K, Harris C, **Miller AN**, Smith BP, Dutton R, Napolitano LM. Clinical Protocol for Damage Control Resuscitation of the Trauma Patient. American Association for the Surgery of Trauma (AAST) / American College of Surgeons Committee on Trauma (ACS-COT).
16. **Miller AN** (Moderator), Soles G, Schenker M. Proximal Tibia Fracture Management – Avoiding Malreduction. AOTrauma North America Fireside Webinar. April 26, 2022.

17. **Miller AN**: Posterior malleolus article. AO Trauma North American Journal Club. Virtual. July 19, 2022.
18. **Miller AN**. Distal Femur Fractures: Pitfalls, Plate vs Nail. AAOS Orthopaedic Video Theater. Jan 2023. https://www.aaos.org/videos/video-detail-page//22801_Videos
19. **Miller AN**, Suk M, Dearmin S, Murali-Larsen J. Medicolegal Issues in Orthopaedic Trauma. OTA 2023 On-Demand Webinar Live 3/27/23 . https://education.ota.org/products/medicolegal-issues-in-orthopaedic-trauma#tab-product_tab_overview
20. **Miller AN**. AAOS/OTA Daily Dilemmas in Trauma Course, faculty for online course April 1, 2023.
21. Osteoporotic Fracture – Breaking a hip can be as lethal as a heart attack. MedPage Today article quoting Dr. Anna Miller. https://www.medpagetoday.com/medical-journeys/osteoporosis/104800?xid=nl_medicaljourneys_2023-06-13&eun=g874433d0r
22. OTA Podcast July 2023
23. Optimizing patient mental health and social engagement following trauma. Orthopaedic Trauma Association 2023 Webinar Series. August 23, 2023.
24. **Miller AN**, Suk M, Wolinsky P. Advocacy for Orthopaedic Trauma. Orthopaedic Trauma Association 2023 Webinar Series. August 28, 2023.
25. OTA Podcast: Sneak Preview: OTA FractureBook. October, 2023.
26. Virtual Fireside Chat Series Celebrates the Empowerment of Women in Orthopaedics. AAOS Now May 2024. <https://www.aaos.org/aaosnow/2024/may/earlyreleases/diversity02/>
27. **Miller AN**, Kregor P, Liporace F, Watson JT. Successfully building an elective practice in Orthopaedic Trauma. Orthopaedic Trauma Association 2024 Webinar Series. August. 28, 2024.
28. **Miller AN**., Gutbrod, J, Taitsman LA, Samora JB. Workplace Violence in Health Care: Current State of Affairs and Methods of Prevention. The Journal of the American Academy of Orthopaedic Surgeons, JAAOS Webinar, Jul. 14th, 2025.
29. **Miller AN**, Gerull K (Moderators): Virtual Fireside Chats Video Library. Ruth Jackson Orthopaedic Society: Early Career Resources. 2024-2026.
30. **Miller AN**, Burger E, Lewis V, Wolf JM. The Boneyard Project. Virtual. June 1, 2026.

Letters to the Editor

1. **Miller AN**, Carroll EA, Helfet DL, Lorch DG. Reply to Letter to the editor: Posterior malleolar stabilization of syndesmotom injuries is equivalent to screw fixation. Clin Orthop Relat Res 2010 Nov; 468(11): 3133
2. **Miller AN**, Barei DP, Iaquinio JM, Ledoux WR, Beingessner DM. Reply to Letter to the editor: Iatrogenic syndesmosis malreduction via clamp and screw placement. J Orthop Trauma. 2013 Feb;27(2):100-6. 10.1097/BOT.0b013e31825197cb. PMID:22549032
3. Haws BE*, Wuertzer S, Lenchik L, **Miller AN**. Reply to Letter to the editor: Misclassification of pelvic ring injuries in the National Trauma Data Bank. J Orthop Trauma. 2015 Apr. 10.1097/BOT.0000000000000345. J Orthop Trauma 2015;29:464.

Non-Refereed Publications

1. Henley MB, **Miller AN**. Technical Trick: Cutaneous landmarks for distractor pin placement in medial talar body. OTA, July 2011
2. Henley MB, **Miller AN**. Technical Trick: Supine positioning for olecranon fixation. OTA, Aug 2011
3. Henley MB, **Miller AN**. Technical Trick: Use of AO distractor for proximal humerus. OTA, Oct 2011
4. Henley MB, **Miller AN**. Technical Trick: [Internally rotated oblique x-ray to assess healing of distal tibial shaft fractures](#). J Orthop Trauma, June 2012
5. **Miller AN**. Reverse Balance Problems; Prevent falls with better balance! Woman's World. March 27, 2017
6. Brox T, Olson S, Carmack DB, Davis CM, Dickman E, Mendelson DA, **Miller AN**, Nana AD, Tosi LL, Kates SL, Kellam JF, Lundy DW, Means K, Mears S, Walsh C, White DM, Wright DG. Management of Hip Fractures in The Elderly: Timing of Surgical Intervention Performance Measure. AAOS, published April 14, 2018
7. Samora J, **Miller AN**. Women in Leadership Roles: How Far Have We Progressed? AOA This Week (E-mailed Newsletter for AOA Members). March 9, 2019
8. Immermann C, Nathens A, Bass R, Bergsten D, Collier B, Cuschieri J, Eubanks J, Garza A, Gonzalez M, Haider A, Hoppe K, Haut E, Hawryluk G, Livingston D, Markman B, Melillo L, **Miller AN**, Myers S,

- Newgard C, Sava J, Schrag A, Seidenwurm D, Snavely T, Thomas P, Utter G. Population-Based Trauma Outcomes Final Report. National Quality Forum, Department of Health and Human Services. May 22, 2019
9. Sakran JV, Ezzeddine H, Schwab CW, Bonne S, Brasel KJ, Burd RS, Cuschieri J, Ficke J, Gaines BA, Giacino JT, Gibran NS, Haider A, Hall EC, Herrera-Escobar JP, Joseph B, Kao L, Kurowski BG, Livingston D, Mandell SP, Nehra D, Sarani B, Seamon M, Yonclas P, Zarzaur B, Stewart R, Bulger E, Nathens AB; Patient Reported Outcome Consortium [Miller AN]. Proceedings from the Consensus Conference on Trauma Patient-Reported Outcome Measures. *J Am Coll Surg*. 2020 May;230(5):819-835. doi: 10.1016/j.jamcollsurg.2020.01.032. Epub 2020 Mar 19. PMID: 32201197
 10. **Miller AN**. In Patients with Hip Fracture, Accelerated Surgery within 6 Hours Did Not Differ from Standard Care for Mortality or Major Complications. Commentary review of “Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomized, controlled trial.” *J Bone Joint Surg* 2020 Nov 28 doi: 10.2106/JBJS.20.01602. PMID: 33208646
 11. **Miller AN**. Don’t Forget to “Own the Bone”: Commentary on an article by Kyung-Jae Lee, MD, et al.: “Progression of Asymptomatic Contralateral Femur in Patients with Complete Atypical Femoral Fracture According to the Initial Radiographic Finding (JBJS-D-20-00808).” *J Bone Joint Surg* 2021 Jan 20;103(2):e6. doi: 10.2106/JBJS.20.01718. PMID: 33476101
 12. **Miller AN**, Klein SE. Leading Change in the Residency Application Process. AOA This Week (Emailed Newsletter for AOA Members). April 18, 2020
 13. **Miller AN**. Pelvis Fracture Basic Anatomy. Orthopaedic Trauma Association. <https://ota.org/for-patients/find-info-body-part/3829>. Accessed March 18, 2021
 14. **Miller AN**. Moral Injury in Surgery. American College of Surgeons Bulletin Brief. Accessed June 8, 2021.
 15. **Miller AN**. Orthopaedic Surgery Societies Support ACS Actions to Address Firearm Violence. American College of Surgeons Bulletin Brief. [Orthopaedic Surgery Societies Support ACS Actions to Address Firearm Violence | ACS \(facs.org\)](https://www.facs.org/orthopaedic-surgery-societies-support-ac-s-actions-to-address-firearm-violence). August 16, 2022.
 16. **Miller AN** (Co-Author). Drafted and published the American College of Surgeons’ organizational statement, “The Importance of Sustainable Surgical Practices.” March 2026. <https://www.facs.org/about-ac-s/statements/statement-on-the-importance-of-sustainable-surgical-practices/>
 17. **Miller AN**. Commentary on an article by Robert V. O’Toole, MD: Tobramycin Plus Vancomycin May Not Reduce Infection in Periarticular Tibial Fractures. *Orthopaedics Today*. July 21, 2026. <https://www.healio.com/news/orthopedics/20260721/tobramycin-plus-vancomycin-may-not-reduce-infection-in-periarticular-tibial-fractures> [healio.com]

SCIENTIFIC PRESENTATIONS post-2020; 134 past posters/presentations available upon request)

Posters

71. Hixon K*, Sykes D, Yoneda S, Buettmann E*, **Miller AN**, Silva M. A Mouse Model Ablating Proliferating Osteoblast Lineage Cells After Fracture Leads To Atrophic Nonunion. Orthopaedic Research Society Annual Meeting 2020. Phoenix, AZ. February 11, 2020
72. Gosselin M*, Broz K*, Tang S, McAndrew C, **Miller AN**. Effect of Peri-Articular Implants on Contact Pressure Across the Knee Joint. Society of Military Orthopaedic Surgeons Annual Meeting. Palm Beach, FL. December 17-20, 2020
73. Hsu JR, Mir H, **Miller AN**, Dumpe J, Ring D, Seymour R. Orthopaedic Trauma Association Clinical Practice Guidelines for Pain Management in Acute Musculoskeletal Injury. Extremity War Injuries XIV 2020 Meeting. Washington, DC. January 21-22, 2020
74. Tornetto P III, Olszewski NP, Manzano GW, Wilson E, Namm J*, **Miller AN**, Rocha DB, Horwitz DS, Pawlak A, Kottmeier S, Shapiro J, Praston L, Mullis B, Gruenwald K, Rodriguez-Buitrago AF, Gary JL, Miller AJ, Phieffer L, Sheridan E, Li E, Karunakar MA, Friess DM, Jenkins D, Leighton EK, Alqudhaya RS, Vargas-Hernandez JS, Yuan BJ, Ollivere B, Myint Y, Suwak P, Shah SA, Willier DP, Marcantonio AJ. Bicondylar Plateau Fractures: What Predicts Infection. American Academy of Orthopaedic Surgeons Annual Meeting. Orlando, FL. March 26-27, 2020 (Poster P0997)
75. **Miller AN**. Surgical Wound Complications after Percutaneous Posterior Pelvic Ring Fixation in Patients who Undergo Pelvic Arterial Embolization. American Orthopaedic Association Annual Meeting. Baltimore, MD. June 9-13, 2020

76. **Miller AN** et al. Talus Fractures and AVN. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
77. **Miller AN**, Obey M*, et al. Is Sacral Dysmorphism Protective Against Spinopelvic Dissociation? Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
78. **Miller AN**, Jo S*, Obey M*, et al. Femoral Neck GSW Fracture. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
79. Keil LG, Mullis BH, Tornetta P III, Alley MC, Olszewski NP, Wheeler JA, von Kaeppler EP, Morshed S, Matar RN, Archdeacon MT, Smith TW*, **Miller AN**, Horwitz DS, Baig MS, Telgheder ZL, Azer E, Manzano GW, Vallier HA, Barnett SA, Krause PC, Bornes TD, Ricci WM, Dunne PJ, Yarboro SR, Ment AJ, Marcantonio AJ, Alqudhaya RS, Leighton RK, Ostrum RF. Proximal Tibia Fracture Dislocations: Management and Outcomes of a Severe and Under-Recognized Injury. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
80. Keil LG, Mullis BH, Tornetta P III, Alley MC, Olszewski NP, Wheeler JA, von Kaeppler EP, Morshed S, Matar RN, Archdeacon MT, Smith TW*, **Miller AN**, Horwitz DS, Baig MS, Telgheder ZL, Azer E, Manzano GW, Vallier HA, Barnett SA, Krause PC, Bornes TD, Ricci WM, Dunne PJ, Yarboro SR, Ment AJ, Marcantonio AJ, Alqudhaya RS, Leighton RK, Ostrum RF. Proximal Tibia Fracture Dislocations: Management and Outcomes of a Severe and Under-Recognized Injury. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 4, 2021
81. Keil LG, Mullis BH, Tornetta P III, Alley MC, Olszewski NP, Wheeler JA, von Kaeppler EP, Morshed S, Matar RN, Archdeacon MT, Smith TW*, **Miller AN**, Horwitz DS, Baig MS, Telgheder ZL, Azer E, Manzano GW, Vallier HA, Barnett SA, Krause PC, Bornes TD, Ricci WM, Dunne PJ, Yarboro SR, Ment AJ, Marcantonio AJ, Alqudhaya RS, Leighton RK, Ostrum RF. Proximal Tibia Fracture Dislocations: Management and Outcomes of a Severe and Under-Recognized Injury. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 20-23, 2021
82. Saiz AM*, Wolinsky PR, **Miller AN**. Patient Co-morbidities Associated with Acute Infection following Open Tibia Fractures. Orthopaedic Trauma Association Meeting. Fort Worth, TX. October 20-23, 2021
83. **Miller AN**. Comparison of PROMIS Scores Between Operatively Treated Anterior-Posterior Compression and Lateral Compression Pelvic Ring Injuries. Twentieth Century Orthopaedic Association. Bend, OR. July 28-31, 2021
84. Hixon KR*, Katz DB, McKenzie JA, **Miller AN**, Guilak F, Silva MJ. Tunable Tissue-engineered Cryogel-mediated Lentiviral Delivery of Bmp-2 as a Treatment Method in a Novel Murine Atrophic Nonunion Model. Orthopaedic Research Society Annual Meeting. Tampa, FL. February 4-8, 2022
85. **Miller AN**, Jo S*, Obey M*. Ballistic Fractures of the Femoral Neck: Treatment and Outcomes. Orthopaedic Research Society Annual Meeting. Tampa, FL. February 4-8, 2022
86. Hixon KR*, Katz DB, McKenzie JA, **Miller AN**, Guilak F, Silva MJ. Tunable Tissue-Engineered Cryogel-Mediated Lentiviral Delivery of BMP-2 as a Treatment Method in a Novel Murine Atrophic Nonunion Model. Poster Orthopaedic Research Society Annual Meeting. Tampa, FL. February 4-8, 2022
87. Coello Hernandez A*, McKenzie JA, Hixon KR*, **Miller AN**, Silva MJ. Proliferation of Osteoblast Lineage Cells in the First 7 Days Post Fractures is Required for Normal Healing in Mice. Orthopaedic Research Society Annual Meeting. Tampa, FL. February 4-8, 2022
88. Obey M*, **Miller AN**, Mitchell P. A Multicenter Comparison of Open Versus Percutaneous Approaches to Spinopelvic Dissociation: Presentation, Complications, and Outcome. Poster P0978 American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL. March 22-26, 2022.
89. Moore HG, Levack AE, Setphan SR, Jo S, Schroeder IG, Garlich JM, Hadad A, Little MTM, **Miller AN**, Lyman S, Lane JM. Chronic Warfarin Anticoagulation in Hip Fracture Patients Delays Surgery and is Associated with Increased Risk of Postoperative Complications. Poster American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL. March 22-26, 2022
90. Barnard ER*, Stwalley D, **Miller AN**. State of the Union: Timeliness to Antibiotics in Open Fractures. AO Trauma NA Fellows Forum, Bonita Springs, FL. June 2-4, 2022 *Top 5 Posters Award*
91. **Miller AN**, Jo S*, Obey M*. Ballistic Fractures of the Femoral Neck: Treatment and Outcomes. American Orthopaedic Association Annual Meeting. Providence, RI. June 14-18, 2022
92. Hysong A, Harrison N*, Posey SL, Yu Z, Chen AT, Pallitto P, Gardner M, Natoli R, Adams, JD, Zura R, **Miller AN**, Seymour R, Hsu JR, Obrebsky W, and EMIT. Outcomes of Humerus Nonunion Surgery in

Patients Whose Initial Fracture Was Treated Nonoperatively. Military Health System Research Symposium (MHSRS). Kissimmee, FL. September 12-15, 2022

93. Hysong A, Harrison NJ*, Posey S, Yu Z, Chen A, Pallitto P, Gardner MJ, Natoli R, Adams JD, Zura RD, **Miller AN**, Seymour R, Hsu JR, Obremskey WT, and EMIT. Outcomes of Humerus Nonunion Surgery in Patients whose Initial Fracture was Treated Nonoperatively. Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 12-15, 2022
94. Averkamp B, Roomian T, Yu Z, Chen A, Natoli R, Mir HR, Rivera JC, Seymour R, Hsu JR, Matuszewski E, EMIT [**Miller AN**]. Femoral Nonunion Exchange Nailing: Are we getting better results now? Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 12-15, 2022.
95. Harrison NJ*, Hysong A, Posey S, Yu Z, Chen A, Pallitto P, Gardner MJ, Natoli R, Adams JD, Zura RD, Tatman LM, Seymour R, Hsu JR, Obremskey WT, EMIT [**Miller AN**]. Outcomes of Humerus Nonunion Surgery in Patients with Initial Operative Fracture Fixation. Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 12-15, 2022.
96. Garner MR, Metcalf KB, Chafey DH, Donegan D, Gould J, Lefavre KA, Little Milton TM, **Miller AN**, Smith JM, Vallier HA, Will R, Wolinsky PR. Early results of the physician well-being index across OTA membership. Poster. OTA Annual Meeting, Seattle, WA Oct. 18-21, 2023.
97. Gerull KM, Faust AN, Reaver CN, Sane E, Cipriano CA, **Miller AN**. Addressing issues of inclusive workplace culture for women orthopedic surgeons in academia: A Qualitative Investigation. American Academy of Orthopaedic Surgeons Annual Meeting, 2024 Mar 10. San Diego, CA.
98. Gutbrod JT, Hong Z, Herbosa CG, **Miller AN**. Effect of Social Deprivation on Treatment Strategy and Patient-Reported Outcomes of Proximal Humerus Fractures. Clinical Congress 2025. Chicago, IL. Oct. 5, 2025.
99. Guisse NF, Randall Z, Barber H, Berkes M, McAndrew C, **Miller AN**, Tatman L. Disparities Beyond Healing: A Prospective Study Evaluating Ballistic Femur and Tibia Shaft Fractures. Orthopaedic Trauma Association Annual Meeting. Nashville, TN. September 23-26, 2026.

Presentations at National Meetings:

46. **Miller AN**. Where are we in 2020 on making the clinical diagnosis of compartment syndrome? Extremity War Injuries Symposium. Washington, DC. January 21-22, 2020
47. **Miller, AN**. Fracture Liaison Services and Fragility Fractures. Missouri State Orthopaedic Society. Columbia, MO. February 28-29, 2020
48. Levack A, Moore H, Jo S, Hadad A, Schroeder I, Stephan, S, Garlich J, **Miller AN**, Little M, Lane J, Lyman S. Direct oral anticoagulants unnecessarily delay surgery in low energy hip fracture patients. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
49. Grochowski E, Hsu J, Gladden P, Mir H, **Miller AN**, Vallier H. Diversity and Inclusion in Orthopaedic Trauma. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
50. Grochowski E, Dumpe J, Ring D, Hsu J, Mir H, Wally M, **Miller AN**, Seymour R. Clinical Practice Guidelines for Pain Management in Acute Musculoskeletal Injury. Orthopaedic Trauma Association Virtual Annual Meeting. October 21-24, 2020
51. **Miller AN**. Calcaneal Fractures: Extensile Exposure vs Sinus Tarsi and Perc Approaches, How Do I Choose? AAOS/OTA Daily Dilemmas in Trauma Virtual Meeting. December 5, 2020
52. **Miller AN**. ORIF humerus. Orthopaedic Summit Evolving Techniques Digital Meeting. December 12, 2020
53. **Miller AN**. Orthopaedic trauma boot camp: Update for success during your call night. OTA Specialty Day Program. AAOS Annual Meeting. San Diego, CA. September 1, 2021
54. Chang P*, Bechtold D*, Sogade O*, Rooney T, McAndrew C, **Miller AN**, Berkes MB. Small Residual Fracture Gaps are Associated with Significant Delays in Healing in Length Stable Tibia Fractures Treated with Intramedullary Nailing. AAOS Annual Meeting. San Diego, CA. September 2, 2021
55. Schieffer S*, Weaver A*, Costa C*, Bahram K, Stitzel J, Martin S, **Miller AN**. The relationship of body mass index, belt placement, and abdominopelvic injuries in motor vehicle crashes: A Crash Injury Research and Engineering Network (CIREN) study, Traffic Injury Prevention. 2021 AAAM 65th Annual Scientific Conference. Virtual. October 20, 2021
56. Tornetta P, Seaver T, **Miller AN** et al. Is the Sinus Tarsi Approach Safer Than the Extended Lateral Approach for Calcaneal Fractures? Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 20-23, 2021

57. **Miller, AN.** How to Collectively Advocate for Wellness. Symposium Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 20-23, 2021
58. Grochowski R, Hsu JR, **Miller AN**, Gladden P, Mir H, Vallier H. Diversity and Inclusion in Orthopaedic Trauma. Orthopaedic Trauma Association Annual Meeting. Fort Worth, TX. October 20-23, 2021
59. Inclan P*, Christ R, **Miller AN**, Brogan D, Dy C. An Epidemic Amidst a Pandemic: Musculoskeletal Firearm Injuries during the COVID-19 Pandemic. Mid-America Orthopaedic Association 2022 Annual Meeting. San Antonio, TX. April 6-10, 2022
60. Hixon KR*, Katz DB, McKenzie JA, **Miller AN**, Guilak F, Silva MJ. Tunable Tissue-engineered Cryogel-mediated Lentiviral Delivery of Bmp-2 as a Treatment Method in a Novel Murine Atrophic Nonunion Model. Orthopaedic Research Society. Tampa, FL. February 4-8, 2022.
61. Obey M*, **Miller AN**, Mitchell P. Lumbopelvic Fixation in the Treatment of Spinopelvic Dissociation: Union, Complications, and Neurologic Outcomes of a Multicenter Case Series. Paper 384 American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL March 22-26, 2022.
62. Obey M*, Maxwell CA, Tornetta III MD, OTRC Collaborators [**Miller AN**], et al. Risk Factors for Avascular Necrosis after Talar Fracture. Podium presentation. American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL. March 25, 2022
63. **Miller AN.** VTE prophylaxis – Orthopedic Surgery perspectives. American College of Surgeons (ACS) 2022 VTE Consensus Conference, Chicago, IL. May 4, 2022
64. Barnard ER*, Stwalley D, **Miller AN.** State of the Union: Timeliness to Antibiotics in Open Fractures. Podium Presentation. AO Trauma NA Fellows Forum, Bonita Springs, FL. June 4, 2022
65. Hsu J, Vallier H, Mir H, **Miller AN**, Wolinsky, Ring D, Wally M. Mental Health and Wellbeing in Orthopaedic Trauma Patients. Podium Presentation. Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 13, 2022.
66. Hong Z*, Adelani MA, **Miller AN.** Factors Influencing Professional Well-being among Orthopaedic Surgeons. Podium Presentation. Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 13, 2022.
67. Armstrong W*, Costa C*, Poveda L, **Miller AN**, Ambrosini A, Chi Hsu F, Martin RS, Stitzel JD, Weaver AA. Muscle Quantity and Bone Mineral Density Effects On Older Adult Motor Vehicle Crash Injury and Hospital Outcomes. Orthopaedic Trauma Association Annual Meeting. Tampa, FL. October 12-16, 2022.
68. Gloystein T, Pino C, Hanauer D, Nasr K, Vaidya R, Hemmila MR, **Miller AN**, Oliphant BW. Are the details there? Feasibility of Natural Language Processing to Enhance Trauma Registry Data. 18th Annual Academic Surgical Congress. Houston, TX. February 7-9, 2023.
69. Vallier H, **Miller AN.** How optimizing our patients' mental health can enhance functional recovery after musculoskeletal trauma. Main Symposium, 2023 OTA Annual Meeting, Seattle, WA. Oct. 18-21, 2023.
70. Agrawal R*, **Miller, AN.** Acetabular dysplasia and posterior wall fractures: the missing link. Podium presentation 2023 OTA Annual Meeting, Seattle, WA. Oct. 18-21, 2023.
71. Hsu JR, **Miller AN**, et al. Is selectively culturing long bone nonunions safe: a multicenter study. Annual Meeting Podium Session IV: Non-Union and Foot & Ankle, OTA Annual Meeting, Seattle, WA. Oct. 20, 2023.
72. Hsu JR, **Miller AN**, et al. Autograft versus allograft in the treatment of long bone nonunions: a multicenter study. Annual Meeting Podium Session IV: Non-Union and Foot & Ankle, OTA Annual Meeting, Seattle, WA. Oct. 20, 2023.
73. Oliphant BW, **Miller AN**, et al. Identifying patient characteristics associated with delays in orthopaedic process measures, Oral presentation. 37th EAST Annual Scientific Assembly, Orlando, FL. Jan. 9-13, 2024.
74. Light J*, Cannada L, **Miller AN**, et al. Evaluation of Obesity and Age as a Predictive Factor of Lower Extremity Compartment Syndrome: A National Trauma Data Bank Analysis. OSET Annual Meeting, Las Vegas, NV. Sept 13-15, 2024.
75. Cannada L, **Miller AN**, Gutbrod J*, et al. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study. EOA Annual Meeting, Palm Beach, FL. Oct 16-19, 2024.
76. Bischoff C, **Miller AN**, Gutbrod J*, et al. Femoral Head Fractures: Can We Change Outcomes? OTA Annual Meeting, Montreal, QB. Oct 23-26, 2024.

77. Cannada L, **Miller AN**, Gutbrod J*, et al. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study. AAHKS Annual Meeting, Grapevine, TX. Nov 7-10, 2024.
78. Light JJ*, Davis JM, Dunahoe J*, Stwalley D, **Miller AN**, Cannada LK. Evaluation of Obesity and Age as a Predictive Factor of Compartment Syndrome. Society of Military Orthopaedic Surgeons Annual Meeting, Nashville, TN. Dec 9-13, 2024.
79. **Miller AN**. It's About Time. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA. Mar 10-13, 2025.
80. **Miller AN**. Metastatic fractures for the non-oncologist. American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA. Mar 10-13, 2025.
81. Cannada L, **Miller AN**, Gutbrod J*, et al. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study. Mid-America Orthopaedic Association, San Antonio, TX. Apr 9-13, 2025.
82. Enata N*, Guisse NF*, Welbeck A*, Thapa S, **Miller AN**. Increased social deprivation correlates with worse postoperative pain and anxiety. Mid-America Orthopaedic Association, San Antonio, TX. Apr 9-13, 2025.
83. Bangert LG, Armstrong W, Shangin E, Stitzel JD, Martin RS, **Miller AN**, Riexinger LE, Weaver A, Collins CJ. Predicting Distal Tibia Fracture Type using Demographic, Vehicle, and Crash Factors via Random Forest Classification Algorithm. Association for the Advancement of Automotive Medicine (AAAM) 69th Annual Scientific Conference, Indianapolis, IN. October 7-10, 2025.
84. **Miller AN**. Troubleshooting and Setting Yourself Up For Success. OTA Specialty Day, American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA. Mar 4-6, 2026.
85. Campbell L, Luther L, Yu Z, Sumpter A, Mitchell P, Diaz A, Bloomer A, Fisher N, DeBaun M, Mir H, Chen A, **Miller AN**, Karunaker M, Wally M, Tatman L. Vertical Shear Sacral Fractures: Impact of Fixation Strategy on Failure Rate. OTA Annual Meeting, Nashville, TN. Sept. 23-26, 2026.

Presentations and Posters at International Meetings:

20. Discussion of Complex Hip and Knee. Hong Kong Orthopaedic Association Meeting. Virtual. November 6, 2021
21. Distal Femur. Hong Kong Orthopaedic Association Meeting. Virtual. November 6, 2021
22. A Novel Mouse Model Reveals the Essential Role of Osteoblast Proliferation for Fracture Healing. Orthopaedic Research Society ISFR 17th International Biennial Meeting. Edinburgh, Scotland. September 5-7, 2022.
23. Clinical Practice Guideline Recommendations in Paediatric Orthopaedic Injury Care: A Systematic Review. Trauma Association of Canada Annual Meeting, Edmonton, Alberta, Canada. April 20-21, 2023.
24. Periprosthetic Fractures. International Conference on Fragility Fractures. Hong Kong, China SAR. May 11-12, 2024.
25. Geriatric Acetabular Fractures. International Conference on Fragility Fractures. Hong Kong, China SAR. May 11-12, 2024.
26. Sex-Specific Differences in Thoracic Injury Prevalence and Causation: a CIREN Database Investigation. 2024 International Research Council on the Biomechanics of Injury (IRCOBI). Stockholm, Sweden. Sept 11-13, 2024.
27. Impact of obesity on inflammatory markers in patients with aseptic nonunions. Podium presentation. OTA Annual Meeting, Montreal, Quebec. Oct. 23-26, 2024.
28. Bone Morphogenetic Protein Utilization in Long Bone Nonunions: Is it as popular as we think? Podium presentation. OTA Annual Meeting, Montreal, Quebec. Oct. 23-26, 2024.
29. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study. Podium presentation. OTA Annual Meeting, Montreal, Quebec. Oct. 23-26, 2024.
30. Zhang Y, Huang T, Liu C, **Miller AN**, Yang M, Harris I, Sawaguchi T, Miclau T, Cheung WH, Wong RMY. Comparative Evaluation of Large Language Models for Hip Fracture-Related Patient Questions: DeepSeek-V3-FW, Gemini 2.0 Flash, and ChatGPT-4.5. HKOA 60th Anniversary – From Roots to Innovative Technologies, Artificial Intelligence & Beyond. 2025 Hong Kong Orthopaedic Association 45th Annual Congress, Hong Kong, China. Nov. 1-2, 2025.
31. Madrid Fuentes DA, Armstrong W, Hsu FC, Bowles J, Guerrero Sanchez GB, Popuri K, Faisal Beg M, May AK, Torres Fajardo RA, Lopez R, Kiani B, Martin RS, **Miller AN**, Devane K, Stitzel JD, Weaver AA.

Validation and Application of Automated CT Analysis to Musculoskeletal Profiling in MVC Occupants. Association for the Advancement of Automotive Medicine (AAAM) 2026 Annual Conference, Heredia, Costa Rica. Oct. 20-23, 2026.

32. Timely Antibiotic Administration for Open Fractures is Improving Over Time. Podium Presentation. 2026 TCOA Annual Meeting. Victoria, British Columbia. July 31, 2026.
33. GLP1-RA's are Associated with Decreased Fracture Healing and Increased Complications in Patients with Type I and Type II Tibial Shaft Fractures. Podium Presentation. 2026 TCOA Annual Meeting. Victoria, British Columbia. August 1, 2026.