Curriculum Vitae

## Brian Mullis, MD

Chief, Orthopaedic Trauma Service

Eskenazi Health, Fifth Third Bank Building

720 Eskenazi Avenue

2nd  Floor, Suite 2-N

Indianapolis, IN 46202

Assistant: 317-880-3600

Office: 317-880-3591

Fax: 317-880-0138

E-mail: bmullis@iupui.edu

# EDUCATION

 **Florida Orthopaedic Institute**

Tampa, Florida

 Orthopaedic Trauma Fellowship, 2006

**University of North Carolina Department of Orthopaedics**

Chapel Hill, North Carolina

 General Surgery Internship, 2000

Orthopaedic Surgery Residency (6-year Program), 2005

 **University of North Carolina School of Medicine**

Chapel Hill, North Carolina

 M.D. ***with Distinction***, 1999

 **University of North Carolina at Chapel Hill**

Chapel Hill, North Carolina

 B.S. Chemistry (Biochemistry Track) ***Highest Honors with Distinction***, 1995

# HONORS AND AWARDS

 **Indiana University Department of Orthopaedics**

 • **Howard Rosen Award,** 2007

 AO junior faculty award elected by senior faculty for Residents Course

• **IU Ortho Teacher of the Year,** 2008 and 2011

 Elected by the Chief Residents

• **IU SOM Teacher of the Year for Surgery Subspecialties,** 2009

 Selected by IU medical school class of 2009

• **Best Doctors in America,** 2010-2015

 Top 5% of physicians in America recommended by peers

• **Top Docs in Indianapolis,** 2012, 2015-present

 Top Orthopaedists in *Indianapolis Monthly*

• **Jay L Grosfeld Award,** 2012

 Selected annually based on trauma care in the state of Indiana

• **Orthopedics This Week Top North American Traumatologists,** 2015

 One of 19 Trauma surgeons selected

• **International Assoc of Orthopedic Surgeons Top Doctor,** 2015-2016

• **Grateful Patient Recognition Eskenazi Health,** 2016

• **AAOS Achievement Award,** 2017

 For active national achievement in teaching, research, and service

 **University of North Carolina Department of Orthopaedics**

 • **Musculoskeletal Course Resident Teaching Award**, 2001

 elected by 2nd year medical students taking MSK course

 • **William C. Patton Award**, 2005

 elected by Ortho residents for Chief contributing most to their education

 **University of North Carolina School of Medicine**

 • **Alpha Omega Alpha**, 1998

• **Merit Scholarship**, 1996-1997, 1997-1998, and 1998-1999

 • **NIH Summer Grant**, 1996

 **University of North Carolina**

• **Phi Beta Kappa**, 1995

# RESEARCH

 **Publications (selected):**

 **Peer-Reviewed Journals**

1. Dahners LE & **Mullis BH** “Effects of Nonsteroidal Anti-Inflammatory Drugs on Bone Formation and Soft-Tissue Healing.” *Journal of the American Academy of Orthopaedic Surgeons* Vol. 12, No. 3, p. 139-143, 2004
2. **Mullis BH** & Dahners LE “Hip Arthroscopy to Remove Loose Bodies Following Hip Trauma.” *Journal of Orthopaedic Trauma* Vol. 20, No. 1, p. 22-26, 2006
3. **Mullis BH**, Copland ST, Weinhold PS, Miclau T, Lester GE, & Bos GD “Effect of COX-2 Inhibitors and Non-Steroidal Anti-inflammatory Drugs on a Mouse Fracture Model.” *Injury* Vol. 37, No. 9, p. 827-837, 2006
4. **Mullis BH**, Karas SG, and Kelley SS “Characterization of a Consistent Radiographic Finding in Chronic ACL Deficiency: The Posteromedial Osteophyte.” *The American Journal of Orthopedics* Vol. 36, No. 9, p. 494-497, 2007
5. **Mullis BH** & Sagi HC “Minimum One-Year Follow-up for Patients with Vertical Shear Sacro-iliac Joint Dislocations Treated with Ilio-sacral Screws: Does Joint Ankylosis or Anatomic Reduction Contribute to Functional Outcome”? *Journal of Orthopaedic Trauma* Vol. 22, No. 5, p. 293-298, 2008
6. Cannada LK, Taghizadeh S, Murali J, Obremskey WT, DeCook C, and Bosse MJ (**Mullis BH** site PI and co-author by Vancouver model). “Retrograde Intramedullary Nailing in Treatment of Bilateral Femur Fractures” *Journal of Orthopaedic Trauma* Vol. 22, No. 8, p. 530-534, 2008

7. Foulk DM and **Mullis BH** “Hip Dislocations”, *Journal of the American Academy of Orthopaedic Surgeons* Vol. 18, No. 4, p. 199-209, 2010

8. FLOW Investigators (**Mullis BH** site PI) “Fluid lavage of open

 wounds (FLOW): design and rationale for a large, multicenter

 collaborative 2 x 3 factorial trial of irrigating pressures and solutions

 in patients with open fractures.” *BMC Musculoskelet Disord* Vol. 11,

 No. 85, p. 1-14. 2010

9. Evanson BJ, **Mullis BH**, and Anglen JO “Nonunion of a

 Pertrochanteric Femur Fracture Due to Gunshot Wound.” *American*

 *Journal of Orthopaedics* Vol. 40, No. 1, p. E5-E9, 2011

 10. Glassner, PJ and Tejwani NC (**Mullis BH** site PI and co-author by

 Vancouver model) “Failure of Proximal Femoral Locking

 Compression Plate: A Case Series”, *Journal of Orthopaedic Trauma*

 Vol. 25, p. 76-83, 2011

 11. Watters J, Anglen JO, and **Mullis BH** “The Role of Debridement in Low-Velocity Civilian Gunshot Injuries Resulting in Pelvis Fractures: a Retrospective Review of Acute Infection and Inpatient Mortality”, *Journal of Orthopaedic Trauma* Vol. 25, p. 150-155, 2011

 12. Petrisor B et al. (**Mullis BH** one of 273 co-authors in alphabetical

 order) “Fluid lavage of open wounds (FLOW): a multicenter, blinded,

 factorial pilot trial comparing alternative irrigating solutions and

 pressures in patients with open fractures” *J Trauma* Vol. 71, No. 3, p.

 596-606, 2011

 13. Bassuener SR, **Mullis BH** , Harrison RK, Sanders R, “Use of

 Bioabsorbable Pins in Surgical Fixation of Comminuted Periarticular

 Fractures”, *Journal of Orthopaedic Trauma* Vol. 26, No. 10, p. 607- 610, 2012

 14. Cha E, Ertl JP, **Mullis BH** “A Case Report: Combined Periprosthetic Acetabulum Fracture and Pelvic Ring Injury”, *Journal of Orthopaedic*

 *Trauma* Vol. 26, e43-45, 2012

 15. McDowell S, **Mullis BH**, Knight BS, Dahners LE “Modified Ollier

 Transtrochanteric Approach for the Treatment of Acetabular

 Fractures”, *Orthopedics* Vol. 35, No. 2, p. 92 (full article

 Orthosupersite.com 20120123-03), 2012

 16. Zielinski SM, Viveiros H, Heetveld MJ, Swiontkowski MF, Bhandari M, Patka P, Van Lieshout EM; FAITH trial investigators (**Mullis BH** site PI and co-author by Vancouver model). Central coordination as an alternative for local coordination in a multicenter randomized controlled trial: the FAITH trial experience. *Trials*. Jan 8;13:5, 2012

 17. Hebert-Davies J, Laflamme GY, Rouleau D; HEALTH and FAITH investigators (**Mullis BH** site PI and co-author by Vancouver model). Bias towards dementia: Are hip fracture trials excluding too many patients? A systematic review. *Injury*. 43(12):1978-84, 2012

 18. Cannada LK, Taylor RM, Reddix R, **Mullis BH**,Moghadamian E, Erickson M and the South East Fracture Consortium “The Jones- Powell Classification of Open Pelvic Fractures: A Multi Center Study Evaluating Mortality Rates” *J Trauma Acute Care Surg*. 74(3):901-6,

 2013

 19. Bethel, Levenda, Hogg, Alge, Chu, **Mullis BH** “Compressive Loading Causes Unique Mechanism of Failure in Second Generation Sliding Hip 1 Screw” *Int. J. Medical Engineering and Informatics.*

5(4):311-320, 2013

 20. Bogdan Y, Tornetta P, Leighton R, Dahn U,  Sagi H, Nalley C,

 Sanders D, Siegel J, **Mullis BH**, Bemenderfer T, Vallier H, Boyd A,

 Schmidt A, Westberg JR, Egol K, Kottmeier S, Collinge C

 “Treatment and Complications in Orthopaedic Trauma Patients with

 Symptomatic Pulmonary Embolism” *Journal of Orthopaedic Trauma*

 Suppl 1:S6-9, 2014

 21. **Mullis BH**, Fisk E, Weaver D, Zhao Q, Daggy J “Anemia versus

 Transfusion: The Risk of Complications in Orthopaedic Trauma

 Patients”, *American Journal of Orthopaedics* 44(1):E11-6, 2015

 22. Andersen D, Popescu V, Cabrera ME, Shanghavi A, Gomez G, Marley S, **Mullis BH**, Wachs J “Virtual annotations of the surgical field through an augmented reality transparent display” *Visual Computer* epub May 27, 2015

 23. Litrenta J, Saper D, Tornetta P 3rd, Phieffer L, Jones C, **Mullis B**, Egol K, Collinge C, Leighton R, Ertl W, Ricci W, Teague D, Ertl JP “Does Syndesmotic Injury Have a Negative Effect on Functional Outcome? A Multicenter Prospective Evaluation.” *Journal of Orthopaedic Trauma,* 29(12):569-573, 2015

 24. Bhandari M, Devereaux PJ, Einhorn TA, Thabane L, Schemitsch EH, Koval KJ, Frihagen F, Poolman RW, Tetsworth K, Guerra-Farfán E, Madden K, Sprague S, Guyatt G; HEALTH Investigators (**Mullis BH** site PI and co-author by Vancouver model). Hip fracture evaluation with alternatives of total hip arthroplasty versus hemiarthroplasty (HEALTH): protocol for a multicentre randomised trial. BMJ Open. 2015 Feb 13;5(2):e006263

 25. Burgers PT, Poolman RW, Van Bakel TM, Tuinebreijer WE, Zielinski SM, Bhandari M, Patka P, Van Lieshout EM; HEALTH and FAITH Trial Investigators (**Mullis BH** site PI and co-author by Vancouver model). “Reliability, validity, and responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for elderly patients with a femoral neck fracture.” *J Bone Joint Surg Am*. 2015 May 6;97(9):751-7

 26. FLOW Investigators (**Mullis BH** site PI and co-author by Vancouver model). “A Trial of Wound Irrigation in the Initial Management of

 Open Fracture Wounds.” *NEJM*  Oct 8, 2015 epub

 27. DʼAlleyrand JC, Lewandowski LR, Forsberg JA, Gordon WT,

 Fleming ME, **Mullis BH**, Andersen RC, Potter BK. “Combat-Related

 Hemipelvectomy: 14 Cases, a Review of the Literature and Lessons

 Learned”. *Journal of Orthopaedic Trauma* 2015 Dec;29(12):e493-8

 28. Tornetta P, Litrenta J, Firoozabadi R, Vallier H, Egol K, **Mullis B**, Jones C, Schemitsch E, Kruppa C, Bhandari M, Leighton R, Sanders D, Collinge C, “Dynamizations and Exchanges: Success Rates and Indications”. *Journal of Orthopaedic Trauma* 2015 Dec;29(12):569-

 73

 29. **Mullis BH** and Siegel J “Now That I’m in Charge: What Do I Do?” accepted to *Journal of Orthopaedic Trauma* 2015 Nov;29 Suppl 11:S12-4

 30. Zhang L, Zhang W, **Mullis B**, Liu D, Xiong Q, Lv H, Ji X, Peng Y, Tang P. “Percutaneous Anterior Column Fixation for Acetabulum

 fractures, Does it Have to Be Difficult?” *J Orthop Trauma*. 2016 Jan;30(1):e30-5. doi: 10.1097/BOT

 31. Andersen D, Popescu V, Cabrera M, Shanghavi A, Gomez G,

 Marley S, **Mullis B**, Wachs J. “Medical Telementoring Using an

 Augmented Reality Transparent Display” *Surgery.* Jun; 159(6):1646- 53. doi: 10.1016/j.surg.2015.12.016. Epub 2016 Jan 21.

 32. Andersen D, Popescu V, Cabrera ME, Shanghavi A, Gomez G, Marley S, **Mullis B**, Wachs J. “Avoiding Focus Shifts in Surgical Telementoring Using an Augmented Reality Transparent Display” *Stud Health Technol Inform*. 2016;220:9-14

 33. Turner C, Hiatt S, **Mullis B** “Fact or Fiction: Is Orthopaedic Follow- up Worse for Penetrating Trauma?” Am J Orthop. 2016

 Sep/Oct;45(6):E331-E334.

 34. **Mullis BH**, Fajardo A, Laughlin M “Combined Orthopaedic and Vascular Injuries” Invited manuscript submitted to *JBJS Reviews* March 2017

 35. Hire J, Boyer P, Israel H, Cannada L, Mir H, Halvorson J, Della Rocca G, Ming B, **Mullis B**, Deshpande C “Treatment and Outcomes of Patients with Ipsilateral Acetabular and Femur Fractures:

 a Multicenter Retrospective Analysis” submitted to *J Orthop Trauma* June 2016

 **Other Journals**

1. Stockwell DW & **Mullis BH** “Bilateral Distal Femur Fractures: A Case Report.” *Indiana Orthopaedic Journal* Vol. 1, p. 62-64, 2007
2. Grygotis M & **Mullis BH** “Advances in orthopaedic surgery: The Management of Osteoporotic Fracture and Nonunions.” *Physicians Practice*. September 2008: A1-A5
3. Watters J & **Mullis BH** “A Retrospective Analysis of Pelvic Fractures Associated with Open Wounds.” *Indiana Orthopaedic Journal* Vol. 2, p. 76-77, 2008

4. **Mullis BH**, Ertl JP, and Lindvall EM “An Occult Knee Dislocation

 Treated with Patellar Olecranization.” *Indiana Orthopaedic Journal*

Vol. 3, p 84-86, 2009

  **Peer-Reviewed Book Chapters**

1. LeCroy CM, **Mullis BH**, Carmack DB, Milbrandt TA, Anderson DG“Trauma.” *Review of Orthopaedics*, 4th edition; Edited by Miller MD, W.B. Saunders Company, 2004
2. **Mullis BH** and Anglen JO “Open Reduction Internal Fixation and Closed Reduction Percutaneous Fixation of Femoral Neck Fractures.” *Operative Techniques in Orthopaedic Surgery*, 1st edition; Section Editor Tornetta P, Lippincott Williams & Wilkins, 2010

1. **Mullis BH** and Anglen JO “Hip Trauma.” *Orthopaedic Knowledge Update*, 10th edition; Section Editor Cannada L, American Academy of Orthopaedic Surgeons, 2011
2. McDowell S, **Mullis BH**. “Radial and Ulnar Shaft, Monteggia, and Galeazzi Fractures.” In: Archdeacon MT, Anglen JO, Ostrum RF, Herscovici D Jr, eds. *Prevention and Management of Common Fracture Complications*. Thorofare, NJ: SLACK Incorporated: 111-120, 2012
3. **Mullis BH**: Techniques of Anterior Pelvic Fixation. *Instructional Course Lectures* 2012;61:19-25
4. **Mullis BH** and Anglen JO “Open Reduction Internal Fixation and Closed Reduction Percutaneous Fixation of Femoral Neck Fractures.” *Operative Techniques in Orthopaedic Surgery*, 2nd edition; Section Editor Tornetta P, Lippincott Williams & Wilkins, 2015
5. **Mullis BH** and Anglen JO “Intramedullary Fixation for Proximal Humerus Fractures: Applications and Technical Lessons.” *Advanced Reconstruction: Shoulder 2* Abrams J, Bell R and Tokish J eds. AAOS/ASES, accepted May 2016
6. **Mullis BH & DeFalco C** “Hip Dislocations and Femoral Head Fractures.” *Orthopaedic Knowledge Update Trauma 5* Section Editor Jeray K, AAOS/OTA, revision submitted February 2016

 **Peer-Reviewed Electronic Publications**

1. **Mullis BH**, and Bos GD “External Hemipelvectomy.” *Orthopaedic Care: Medical and Surgical Management of Musculoskeletal Disorders*. Edited by Koman LA, www.orthotextbook.net, Journal of the Southern Orthopaedic Association, 2003
2. **Mullis BH**:“Managing the Open Fracture.” American Academy of Orthopaedic Surgeons Web site: *Orthopaedic Knowledge Online*, Vol. 6, No. 5: <http://www5.aaos.org/oko/partners/ota/main.cfm>. Accessed May 29, 2008.

3. **Mullis BH**: “Managing the Open Fracture.” American Academy of Orthopaedic Surgeons Web site: *Orthopaedic Knowledge Online* 2010;8(8): <http://www5.aaos.org/oko/partners/ota/main.cfm>. Accessed August 30, 2010.

 4. **Mullis BH**, Shively KD, and Anglen JO: “ORIF and CRPP of the Femoral Neck.” Orthopaedia Main. In: Orthopaedia - Collaborative Orthopaedic Knowledgebase. Created Jun 05, 2010 12:17. Last modified Jul 06, 2011 05:54 ver.[15](http://www.orthopaedia.com/pages/viewpage.action?pageId=33688082). Retrieved 2011-07-06, from <http://www.orthopaedia.com/x/EgoCAg>.

5. **Mullis BH** “Open Fractures.” OTA Resident Spring Fracture Course

 Module, April 2012

6. **Mullis BH** “Talus Fractures.” OTA Resident Fall Course Module,

 October 2013

**Research Presentations (selected):**

 **International**

“Effect of COX-2 Inhibitors and NSAIDS on a Mouse Fracture Model.” American Orthopaedic Association (poster); Victoria, British Columbia June 2002

### National

1. “Effect of COX-2 Inhibitors and NSAIDS on a Mouse Fracture Model.” Orthopaedic Research Society (poster, presenter); Dallas, TX Feb 2002
2. “Results of Posterior Fixation for Vertically Unstable Sacroiliac

 Dislocation.” OTA (podium, presenter); Phoenix, AZ October 2006

1. “Results of Posterior Fixation for Vertically Unstable Sacroiliac

Dislocation.” AAOS (podium, presenter); San Diego, CA February 2007

1. “Retrograde Intramedullary Nailing in Bilateral Femur Fractures.”

 OTA (poster, co-author); Boston, MA October 2007

1. “Morbidity and Mortality of Open Pelvic Fractures Using the Jones-Powell Classification.” OTA (poster, co-author); Dallas, TX October 2008
2. “Morbidity and Mortality of Open Pelvic Fractures Using the Jones-Powell Classification.” AAOS (poster, co-author); Las Vegas, NV February 2009

 7. “Does Anemia or Transfusion Increase the Risk of Complication in Orthopaedic Trauma Patients?” AAOS (podium, corresponding author); San Diego, CA February 2011

 8. “Does Anemia or Transfusion Increase the Risk of Complication in Orthopaedic Trauma Patients?” OTA (poster, corresponding author); San Antonio, TX October 2011

9. “A Modified Olllier Transtrochanteric Approach for the Treatment of

 Acetabular Fractures”OTA (poster, corresponding author); San

 Antonio, TX October 2011

10. “The Fate of Patients After a Staged Nonunion Procedure for Known

 Infection” OTA (podium, co-author); San Antonio, TX October 2011

 11. “Posterolateral Antiglide vs Lateral Plating for SE Pattern Ankle

 Fractures: A Multicenter Randomized Control Trial” AAOS (podium,

 co-author); San Antonio, TX October 2011

12. “The Fate of Patients After a Staged Nonunion Procedure for Known

 Infection” AAOS (poster, co-author); San Francisco, CA February

 2012

13. “Posterolateral Antiglide vs Lateral Plating for SE Pattern Ankle

 Fractures: A Multicenter Randomized Control Trial” AAOS (podium,

 co-author); San Francisco, CA February 2012

14. “Second Generation Locking Sliding Hip Screw Shows Catastrophic

 Failure in Biomechanical Testing” AAOS (podium, corresponding

 author); San Francisco, CA February 2012

15. “Posterolateral Antiglide vs Lateral Plating for SE Pattern Ankle

 Fractures: A Multicenter Randomized Control Trial” AOA (poster,

 co-author); Washington, DC June 2012

16. “The Fate of Patients After a Staged Nonunion Procedure for Known

 Infection” AOA (poster, co-author); Washington, DC June

 2012

17. “Retrograde Nailing of Proximal Femur Fractures” OTA (podium, co-

 author); Minneapolis, MC Oct 2012

18. “Combat-Related Hemipelvectomy: Eleven Cases, a Review of the

 Literature and Lessons” SOMOS (podium, co-author); Naples, FL

 December 2012

19. “Treatment and Complications in Orthopaedic Trauma Patients with

 Pulmonary Embolism” AAOS (podium, co-author); Chicago, IL

 March 2013

20. “Combat-Related Hemipelvectomy: Eleven Cases, a Review of the

 Literature and Lessons” AAOS (podium, co-author); Chicago, IL

 March 2013

21. “Retrograde Nailing of Proximal Femur Fractures” AAOS (podium,

 co-author); Chicago, IL March 2013

22. “Treatment and Complications in Orthopaedic Trauma Patients with

 Pulmonary Embolism” AOA (podium, co-author); Denver, CO

 June 2013

23. “Spacer Composition Influences Properties of the Masquelet

 Membrane in Animals and Observed Gene Expression Patterns Of

 Inducible Membranes in Humans” OTA (podium, co-author);

 Phoenix, AZ October 2013

24. “Fact Or Fiction For Penetrating Trauma: Is Follow-Up Worse?”

 OTA (poster, corresponding author); Phoenix, AZ October 2013

 25. “Dynamizations and Exchange Nailing: Success Rates And

 Indications” OTA (podium, co-author); Phoenix, AZ October 2013

26. “Locked Plating vs. Retrograde Nailing for Distal Femur Fractures: A

 Multicenter Randomized Trial” OTA (podium, co-author); Phoenix,

 AZ October 2013

27. “Combat-Related Hemipelvectomy: Eleven Cases, a Review of the

 Literature and Lessons” EOA (podium, co-author); Miami, FL

 March 2014

28. “Locked Plating vs. Retrograde Nailing for Distal Femur Fractures: A

Multicenter Randomized Trial” AAOS (podium, co-author); New Orleans, LA March 2014

29. “Dynamizations and Exchange Nailing: Success Rates and

 Indications” AAOS (podium, co-author); New Orleans, LA March

 2014

30. “See-What-I-Do: Increasing mentor and trainee sense of co-presence

 in trauma surgeries with the STAR platform” Joint Program

 Committee-1 (podium, co-author); Fort Detrick, MD August 2015

31. “See-What-I-Do: Increasing mentor and trainee sense of co-presence

 in trauma surgeries with the STAR platform” Military Health System

 Research Symposium (podium, co-author); Fort Lauderdale, FL

 August 2015

32. “Peroneal Irritation After Lateral Malleolar Fractures” OTA (podium

 co-author); San Diego, CA October 2015

33. “Open Ankle Fractures: What Predicts Infection?” OTA (podium

 co-author); San Diego, CA October 2015

34. “The Effect of Knee Flexion Contracture on Outcomes of Distal

 Femur Fractures” OTA (podium co-author); San Diego, CA Oct 2015

35. “Surgery for Unilateral Sacral Fractures: Are the Indications Clear?”

 OTA (podium co-author); San Diego, CA October 2015

36. “Assessment of a Tranexamic Acid Protocol for Orthopedic Trauma

 Surgery” Society of Critical Care Medicine 2016 Critical Care

 Congress (poster, co-author); Orlando, FL February 2016

37. “The Effect of Knee Flexion Contracture on Outcomes of Distal

 Femur Fractures” AAOS (podium, co-author); Orlando, FL March

 2016

38. “Surgery for Unilateral Sacral Fractures: Are the Indications Clear?”

 AAOS (podium, co-author); Orlando, FL March 2016

39. "Treatment and Outcomes of Patients with Ipsilateral Acetabular and

 Femur Fractures: A Multicenter Retrospective Analysis" Eastern

 Orthopaedic Association; New Orleans, LA Oct 2016

40. “Combined Orthopaedic and Vascular Injuries: A Multicenter

 Analysis” OTA (podium co-author); Washington, DC, Oct 2016

41. “Does Operative Intervention Provide Early Pain Relief for Patients

 with Undisplaced Unilateral Sacral Fractures?” OTA (podium co-

 author); Washington, DC, Oct 2016

42. “Open Reduction and Internal Fixation versus Closed Reduction and

 Internal Fixation in Treatment of Young Adults with Femoral Neck

 Fractures: a Multicenter Retrospective Cohort Study” OTA (podium

 co-author); Washington, DC, Oct 2016

43. “The Effect of Coronal Plane Angulation on the Outcomes of

 Operatively Treated Distal Femur Fractures” OTA (podium co-

 author); Washington, DC, Oct 2016

44. “Treatment and Outcomes of Patients with Ipsilateral Acetabular and

 Femur Fractures: a Multicenter Retrospective Analysis” OTA

 (poster co-author); Washington, DC, Oct 2016

**Regional**

“The Role of Surgical Debridement in Low-Velocity Civilian Gunshot Injuries Resulting in Pelvis Fractures.” American College of Physicians, Indiana Chapter (poster); Indianapolis, IN November 2008

**ACTIVITIES**

**Indiana University Department of Orthopaedics**

• **Chief, Orthopaedic Trauma Service IU SOM**, 2006-2011

 Committees: OR, Trauma, Emergency Management

• **Acting** **Chief of Orthopaedics, Wishard Hospital**, 2007

 Committees: Clinical Oversight, Medical Executive

 • **Education Committee for IU Orthopaedics**, 2006-2011

 • **Research Committee for IU Orthopaedics**, 2009 to present

 • **AO North America Orthopaedic Faculty**, 2007 to present

 • **PMR Chairman Search Committee**, 2008-2009

 • **Faculty Advisor for Ortho Student Interest Group**, 2008-2016

 • **Orthopaedic Clerkship Director for IU ED residents**, 2008 to present

 • **OTA Research Committee**, 2009-2015

 • **ATLS Instructor**, 2009 to present

 • **Board of Directors University Orthopaedic Assoc.**, 2010-present

 • **Advisor and Board Reviewer to Pearl IRB**, 2011-2012

 • **Co-Chair, OR Committee Wishard/Eskenazi Hospital**, 2011-present

• **Chief, Orthopaedic Trauma Service Eskenazi Health**, 2013-present

 Committees: OR, Trauma. Emergency Management

• **IUHP Orthopaedic Service Line Council**, 2013-2014

• **IU SOM IRB Consultant**, 2013-present

• **OTA Spring Resident Course Co-Chair**, 2013-2015

• **OTA Spring Resident Course Chair**, 2015-2016

• **OTA Education Committee (ex officio)**, 2013-2017

• **OTA Education Committee**, 2017-2020

 • **Orthopaedic Chairman Search Committee**, 2014-present

 **Peer Review Publication Appointments**

 • **Journal of Orthopaedic Trauma**,

 Associate Editor 2008 to present, Reviewer 2006-2008

• **Journal of the American Academy of Orthopaedic**

 **Surgeons**, Reviewer 2008 to present

 • **Orthopaedic Knowledge Online**, Reviewer 2008-present

 • **Journal of Trauma**, Reviewer 2010 to present

 • **Journal of Orthopaedic Research**, Reviewer 2013 to present

 • **International Journal of Clinical Transfusion Medicine**,

 Reviewer 2015 to present

 **Educational Course Faculty-National (Invited Lecturer to all Courses)**

 • **OTA Basic Residents Course**, Phoenix, AZ October 2006

• **AO ORP Course** St. Petersburg, FL December 2006

• **AO Basic Residents Course**, Reno, NV January 2007

• **OTA Advanced Residents Course**, Rosemont, IL March 2007

• **S&N** **Advanced Trauma Techniques**, Memphis, TN April 2007

• **International Trauma Symposium**, Aventura, FL September 2007

• **OTA Basic Residents Course**, Boston, MA October 2007

 • **OTA Advanced Residents Course**, Dallas, TX May 2008

 • **OTA Basic Residents Course**, Denver, CO October 2008

 • **AO Basic Residents Course**, Indianapolis, IN May 2009

 • **OTA Basic Residents Course**, San Diego, CA October 2009

 • **OTA Annual Meeting**, San Diego, CA October 2009

• **OTA Basic Residents Course**, Baltimore, MD October 2010

• **Medtronic Osteobiologic Summit**, Miami, FL January 2011

• **Synthes ORP Course,** Minneapolis, MN April 2011

 • **OTA Comprehensive Residents’ Course,** Chicago, IL April 2011

 • **Medtronic Osteobiologic (Chairman)** San Francisco, CA May 2011

 • **S&N TSF Basic Course,** New York City, NY June 2011

 • **AO Basic Residents Course**, Chicago, IL August 2011

 • **Medtronic Osteobiologic Summit**, Las Vegas, NV September 2011

 • **OTA Basic Residents Course (Moderator and Lecturer)**, San Antonio, TX October 2011

 • **AO Basic Residents Course**, Las Vegas, NV November 2011

 • **AAOS/OTA Strategies and Tactics in Orthopaedic Extremity Trauma**, Rosemont, IL December 2011

 • **AAOS/OTA Strategies and Tactics in Orthopaedic Extremity Trauma**, Rosemont, IL November 2012

 • **OTA Comprehensive Residents Course,** Chicago, IL April 2013

• **Trauma Expert Interactions: Advanced Case Complications**

 **Symposium,** Boston, MA May 2013

• **OTA Residents Course (Module Leader),** Phoenix, AZ Oct 2013

• **OTA Advanced Residents Course,** Orlando, FL Jan 2014

• **OTA Residents Course (Co-Chair),** Rosemont, IL April 2014

• **S&N** **Masters Fracture Forum**, Huntington, CA May 2014

 • **AO Basic Residents Course**, Charlotte, NC January 2015

• **AO Basic Residents Course**, New Orleans, LA February 2015

• **Biomet Elite Trauma Course**, Miami, FL March 2015

• **OTA Residents Course (Chair),** Rosemont, IL April 2015

• **Biomet Elite Trauma Course (Chair)**, Newark, NJ August 2015

• **OTA Residents Course,** San Diego, CA October 2015

• **Zimmer Biomet Trauma Course**, New York, NY November 2015

• **OTA Residents Course (Chair),** Rosemont, IL April 2016

 • **AO Basic Residents Course (Moderator)**, Minneapolis, MN Aug 2016

• **AO Basic Residents Course**, Orlando, FL Sep 2016

• **OTA Annual Meeting,** Washington DC Oct 2016

 • **Zimmer Biomet Trauma Course**, San Francisco CA Oct 2016

**Educational Course Faculty-Regional (selected)**

• **AO Advanced Technology Symposium**, Indianapolis, IN August 2007

• **ATLS Instructor**, Indianapolis, IN June 2009

• **ATLS Instructor**, Indianapolis, IN October 2009

• **ATLS Instructor**, Indianapolis, IN June 2010

• **ATLS Instructor**, Indianapolis, IN Oct 2010

• **ATLS Instructor**, Indianapolis, IN Feb 2011

• **ATLS Instructor**, Indianapolis, IN June 2011

• **Synthes ORP Course** **(Moderator)**, Indianapolis, IN Oct 2011

• **ATLS Instructor**, Indianapolis, IN October 2012

• **ATLS Instructor**, Indianapolis, IN June 2013

• **ATLS Instructor**, Indianapolis, IN February 2014

• **ATLS Instructor**, Indianapolis, IN June 2015

**Invited Guest Lecturer – International**

• **OTA/AAOS Webinar (Director),** International Broadcast, Nov 2013

• **Annual Chinese Ortho Trauma Assoc. & Visiting Professor Peking**

 **Union Medical Hospital and 301 Military Hospital,** Beijing, China

March 2014

• **Rota Navy Hospital,** Rota, Spain August 2014

• **OTA/AAOS Webinar series** International Broadcast, Sep-Oct 2014

• **Mediware Webinar,** International Broadcast, Jan 2016

**Invited Guest Lecturer – National**

• **Portsmouth Naval Hospital,** Portsmouth, VA February 2008

 • **OTA Young Practitioner’s Forum,** Denver, CO October 2008

• **AAOS Instructional Course Lecture,** Las Vegas, NV February 2009

• **Portsmouth Naval Hospital,** Portsmouth, VA April 2009

• **Portsmouth Naval Hospital,** Portsmouth, VA August 2009

• **AAOS Instructional Course Lecture,** New Orleans, LA March 2010

• **National Naval Medical Center,** Bethesda, MD January 2011

 • **AAOS Instructional Course Lecture,** San Diego, CA February 2011

• **AOSSM Specialty Day,** San Diego, CA February 2011

• **Medtronic Osteobiologic Trauma,** Denver, CO September 2011

• **Medtronic Osteobiologic Trauma,** Aspen, CO September 2011

• **Aspen Valley Hospital Grand Rounds,** Aspen, CO September 2011

• **OTA Young Practitioner’s Forum,** San Antonio, TX October 2011

• **Society of Military Orthopaedic Surgeons (Moderator & Speaker)**

 Naples, FL December 2012

• **OTA Annual Meeting,** Phoenix, AZ October 2013

• **AAPA Annual Meeting ,** Atlanta, GA June 2014

• **OTA Young Practitioner’s Forum,** Tampa, FL Oct 2014

• **OTA Annual Meeting (Moderator & Speaker),** San Diego, CA Oct 2015

 **Invited Guest Lecturer – Regional (selected)**

• **Trauma/Surgical CC Symposium**, Indianapolis, IN November 2007

• **EM Updates Symposium**, Terre Haute, IN November 2007

• **High Risk Medicine Symposium**, Terre Haute, IN May 2008

• **LaPorte Hospital Grand Rounds**, Laporte, IN June 2009

• **High Risk Medicine Symposium**, Terre Haute, IN Nov 2009

 • **Trauma/Surgical CC Symposium**, Indianapolis, IN October 2010

• **Indiana ENA Symposium**, Carmel, IN June 2011

• **Trauma/Surgical CC Symposium**, Indianapolis, IN November 2012

• **IUH Methodist Trauma Symposium**, Indianapolis, IN November 2013

• **Indiana State Association of Blood Banks Annual Meeting**, Indianapolis, IN September 2015

**Invited Interviews - National**

 • **EmpowHer,** Las Vegas, NV February 2009

 <http://www.empowher.com/users/dr-brian-mullis>

• **Synthes Podcast**, San Antonio, TX October 2011

**Florida Orthopaedic Institute**

 **Educational Course Faculty-International and National**

 • **OTA Residents Basic Course**, Ontario Canada, October 2005

• **Current Solutions in Orthopaedic Trauma**, Orlando, FL Dec 2005

**EMPLOYMENT**

 **Indiana University Department of Orthopaedics**

 • **Assistant Professor**, 2006-2012

 • **Associate Professor**, 2012-2016

 Tenure awarded July 2013

 • **Program Director**, 2015-present

 • **Professor**, 2016-present

 • **Consulting**

Smith & Nephew (2007-2008, 2011, 2014), Stryker Biotech

(2007), Wyeth (2008), Medtronic (2011-2012), Synthes (2011-2012),

Biomet (2014-2015), Zimmer Biomet (2015-present), ConvaTec (2015-

2016), Acelity (2016), Advisory Board for Doctors Only (2015-present),

BoneSupport (2016)

**Florida Orthopaedic Institute**

• **Orthopaedic Trauma Fellow**, 2005-2006

 **University of North Carolina Department of Orthopaedics**

 • **Categorical 6-year Research Resident**, 1999-2005

 General surgery internship, 1 year of research , 4 years Orthopaedics

• **Consulting**

 Pharmacia/Pfizer (2000)

**University of North Carolina School of Medicine**

 • **UNC School of Medicine, Division of Orthopaedics**, 1996

 research funded by NIH summer grant

 • **UNC School of Medicine, Division of Student Affairs**, 1996-1997

 biochemistry large group (up to 160 students) tutor

**MILITARY EXPERIENCE (2001-2015)**

• **Commissioned United States Navy Reserve** Dec 19, 2001

• **National Defense Service Medal,** 2003

 • **Sharpshooter Pistol Qualification**, 2003

 • **Navy Achievement Medal**, 2008

 • **Promoted to Commander**, 2011

 • **Deployed to Afghanistan for Operation Enduring Freedom**, 2012

 • **Navy Commendation Medal, Afghanistan Campaign Medal, Overseas Service Ribbon, Sea Service Deployment Ribbon, Global War on Terrorism Service Medal, NATO-ISAF medal, Armed Forces Reserve with Mobilization ribbon, Navy Unit Commendation,** 2012

# PROFESSIONAL MEMBERSHIPS

 • **Orthopaedic Trauma Association**, 2006-present

 • **Indiana Orthopaedic Society**, 2008-present

 • **Fellow of American Academy of Orthopaedic Surgeons**, 2009-present

 • **Fellow of American College of Surgeons**, 2016-present

# CERTIFICATIONS

• **American Board of Orthopaedic Surgery,** July 2008 Part 2, recert July 2016 (expires 12/31/28)

 • **ATLS Instructor,** July 2009-present (expires 6/28/17)

 • **Basic Life Support,** January 2015 (expires January 2017)

 • **Advanced Cardiac Life Support,** April 2015 (expires April 2017)

# ACTIVE MEDICAL LICENSES

 • **Indiana** **State Medical License**, issued March 15, 2006