

CURRICULUM VITAE
Jeffrey Owen Anglen, M.D.
 Updated: 3/4/2024

PERSONAL INFORMATION

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|----------------|--|
| Address | 6188 Kingsley Dr. Indianapolis, IN 46220-2344 |
| Email Address | jeffreyanglen@gmail.com |
| Mobile phone | (573)864-2640 |
| Date of Birth | December 2, 1956 |
| Place of Birth | Kansas City, Missouri, USA |
| NPI: | 1922050400 |

BOARD CERTIFICATION

American Board of Orthopaedic Surgery. Initial certification July 13, 1990
 recertified 1998, 2008, 2018 (expires 12/31/2030), participating in MOC

PROFESSIONAL EXPERIENCE – Clinical Employment

| | |
|----------------------|---|
| 04/2015 - Currently: | Contracted Orthopaedic Trauma Services Jeffrey O. Anglen, MD, PC d/b/a Sadhana Boneworks Multiple hospitals, Orthopaedic groups and Locums/staffing companies |
| 01/2021 – 06/2021: | Orthopaedic Surgeon Moberly Regional Medical Center Moberly, Missouri |
| 05/2013 – 06/2015 | Orthopaedic Surgeon Rush Memorial Hospital Rushville, Indiana |
| 02/2011 – 12/2014 | Orthopaedic Surgeon Indiana University Health Physicians Indianapolis, Indiana |
| 02/2005 – 02/2011 | Orthopaedic Surgeon University Orthopaedic Associates, Inc. Indianapolis, Indiana |
| 01/2003 – 01/2005 | Orthopaedic Surgeon Boone Orthopaedic Associates Columbia, Missouri |
| 07/1992 – 12/2002 | Orthopaedic Surgeon Chief, Orthopaedic Trauma Service University Physicians, Inc. University of Missouri Health Sciences Center |

Columbia, Missouri

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|-----------------|--|
| 01/1992-06/1992 | Orthopaedic Trauma Fellow Florida Orthopaedic Institute Tampa General Hospital, Tampa, Florida |
| 09/1991-01/1992 | Acting Clinical Instructor, Orthopaedic Trauma Harborview Medical Center University of Washington, Seattle, Washington |
| 07/1989-09/1991 | Orthopaedic Surgeon Midwest Orthopaedic Clinic Kansas City, Missouri |
| 05/1989-07/1989 | Volunteer Orthopaedic Surgeon Orthopaedics Overseas Transkei, South Africa |
| 08/1988-05/1989 | Orthopaedic Surgeon Physicians Associated Overland Park, Kansas |

PROFESSIONAL EXPERIENCE – Academic Appointments

| | |
|-------------------|--|
| 02/2005 – 06/2015 | Professor Department of Orthopaedics Indiana University School of Medicine Indianapolis, Indiana |
| 02/2005 – 02/2011 | Professor and Chairman Department of Orthopaedics Indiana University School of Medicine Indianapolis, Indiana |
| 01/2003 – 01/2005 | Clinical Professor Department of Orthopaedic Surgery University of Missouri School of Medicine Columbia, Missouri |
| 09/1998 – 12/2002 | Associate Professor Department of Orthopaedic Surgery University of Missouri School of Medicine Columbia, Missouri |
| 07/1992 – 09/1998 | Assistant Professor Department (division) of Orthopaedic Surgery University of Missouri School of Medicine Columbia, Missouri |
| 09/1991-01/1992 | Acting Clinical Instructor, Orthopaedic Trauma Harborview Medical Center University of Washington, Seattle, Washington |

07/1989 – 09/1991

Assistant Clinical Professor
 Department of Orthopaedics
 University of Missouri - Kansas City School of Medicine
 Kansas City, Missouri

PROFESSIONAL LICENSES

| | | |
|----------------|---------------|--|
| Maryland | D31581 | <i>inactive 1983-1989</i> |
| Washington | MD00028983 | <i>inactive 08/91 – 12/92</i> |
| Missouri | R4J09 | 02/16/1989 - present |
| Indiana | 01059920A | 10/29/2004 – present |
| Florida | ME122977 | 02/12/2015 – present |
| South Carolina | MD39104 | 02/11/2016 – present |
| Georgia | 75287 | 03/18/2016 – present |
| Texas | R0183 | 09/30/2016 – present |
| Colorado | 0059364 | 09/20/2017 – present |
| Utah | 10604333-1205 | <i>inactive</i> 11/21/2017 – 01/31/2024 |
| Kansas | 04-22397 | <i>inactive</i> 12/1988-06/1990; 04/18/2019-12/31/2024 |
| Arizona | 58653 | 03/09/2020 - present |
| South Dakota | 12227 | 09/08/2020 - present |
| Kentucky | 54160 | 09/17/2020 – present |
| Louisiana | 325211 | <i>inactive</i> 12/11/2020 – 12/31/22 |
| California | C171079 | <i>retired</i> 12/18/2020 – present |
| Illinois | 036155689 | 02/20/2021 – present |
| Tennessee | 63775 | <i>retired</i> 09/21/2021 – 03/31/2022 |
| Iowa | MD-51585 | 06/19/2023 - present |

TRAINING AND EDUCATION

Undergraduate Education: University of Missouri
 Columbia, Missouri
 B.A. 1979 Summa Cum Laude

Professional Education: Johns Hopkins School of Medicine
 Baltimore, Maryland
 M.D. 1983 (class rank 11th of 120)

Postgraduate Training: Internship in General Surgery
 Department of Surgery
 Johns Hopkins Hospital
 Baltimore, Maryland 7/83-6/84

Residency in Orthopaedic Surgery
 Department of Orthopaedics
 Johns Hopkins Hospital
 Baltimore, Maryland 7/84-6/88

Fellowship in Orthopaedic Trauma
 Tampa General Hospital
 Tampa, Florida 1/92-6/92

ADDITIONAL TRAINING - COURSES

AO/ASIF Basic Course, Smuggler's Notch, Vermont, October 1987

Midas Rex Course, Baltimore, Maryland, 1988
 AO/ASIF Advanced Course, Ketchum, Idaho, March 1992
 Surgery of the Pelvis and Acetabulum, Pittsburgh, Pennsylvania, October 1994
 Basic Course for Orthopaedic Educators, Monticello, Illinois, November 1996
 Advanced Trauma Life Support, Columbia, Missouri, March 1999
 AO/ASIF faculty course in Electronic Presentation, Phoenix, AZ, February 2000
 Essentials of Limb Lengthening and Deformity Correction, Dallas, TX, June 2002
 12th Annual Baltimore Limb Deformity Course, Baltimore, MD, September 2002
 AO North America Musculoskeletal Trauma Faculty Development Forum, Amelia Island FL, November, 2003
 AOA Course: Leadership in Voluntary Organizations: Best Practices in a Professional Association,
 Rosemont, IL, April 2004
 AOA- Kellogg School of Management Leadership Training series
 Module 1: Using Recent Leadership Research to Advance Organizational Success, November 12-14, 2004
 Module 2: Enhancing Personal Leadership Skills, January 28-30, 2005
 Module 4: Essential Human Resources Skills for Optimal Asset Utilization, July 17-19, 2009
 IU Physician Leadership Program, 2006
 Indiana Healthcare Leadership Academy, 2007-8
 AAOS Communication Skills Workshop 4/17/09
 Disaster Response Course, AAOS/OTA/SOMOS 12/16-17/2011, San Diego

HONORS AND AWARDS

Professional

Alpha Omega Alpha medical honor society: 1983, Hopkins chapter president 1984
 AMA Physician's Recognition Award 1990, 1998, 2004, 2007
 Winquist Cup Award - best educational session, OTA Residents' Basic Fracture course, 2000
 Election to American Orthopaedic Association, 2002
 Highlight Paper, OTA annual meeting 2002, 2004, 2005
 The Best Doctors in America (top 5% of physicians in the US): 1996, 1998, annually 2000 through 2014
 Guide to America's Top Surgeons, Consumer's Research Council of America 2006
 Guide to America's Top Orthopedists, Consumer's Research Council of America 2007, 2008, 2014
 Indy's 125 "Top Docs", Indianapolis Monthly magazine 2007, annually 2009 - 2014
 US News and World Report Top Doctors; Castle Connolly top 1% in specialty 2011, 2012
 Orthopaedics This Week "Top 29 US Orthopaedic Trauma Surgeons" October, 2012
 American Academy of Orthopaedic Surgeons Achievement Award 2009 -2016
 American Academy of Orthopaedic Surgeons Senior Achievement Award 2017
 Inaugural class of Fellows, International Orthopaedic Trauma Association, 2022

Undergraduate

Mystical Seven, Phi Beta Kappa, Phi Kappa Phi, Omicron Delta Kappa
 Thomas Arkle Clark Award (ATO national outstanding senior) 1979
 ATO Foundation Scholarship national winner 1978
 University Scholar
 Deans List, 8 semesters

Other

Rockbridge High School Hall of Fame, 1st class of initiates, 2003

MEMBERSHIPS

Fellow, American Academy of Orthopaedic Surgeons, 1992-2023; emeritus 2023
 Fellow, American College of Surgeons, 1993 -2021
 Orthopaedic Trauma Association, 1993 -2023
 American Orthopaedic Association 2002
 American Association for the Surgery of Trauma, 2006
 AO North America, 1992
 Academic Orthopaedic Society, 1994-2003
 Association of Bone and Joint Surgeons 2001-2008
 Mid-America Orthopaedic Association, 1994
 Societe Internationale de Chirurgie Orthopedique et de Traumatologie (SICOT), 1996
 American Medical Association, 1989

Indiana Orthopaedic Society, 2005
 Indiana Medical Society, 2005
 Missouri State Medical Association 1992-2005
 Missouri State Orthopaedic Association 1992-2005
 Boone County Medical Society, 1992-2005
 Orthopaedics Overseas, 1989
 Rocky Mountain Traumatologic Society 1994 -1999
 Wilderness Medical Society, 1991- 1997
 Southern Medical Association, 1995
 Johns Hopkins Medical and Surgical Association, 1983
 Kansas City Orthopaedic Society, 1989-1991
 Metropolitan Medical Society, 1989-1991
 National Disaster Medical Service (NDMS) 2002-2008
 Fellow, World Orthopaedic Alliance 2013
 Florida Medical Association, 2015
 Fellow, International Orthopaedic Trauma Association 2022
 Royal Society of Medicine 2022

COMMITTEES AND ADMINISTRATIVE ACTIVITIES

National or International

American Academy of Orthopaedic Surgeons

- AAOS Board of Directors 2010-2012
- Board of Specialty Societies
 - BOS nominating committee member 2008
 - BOS/BOC Professionalism committee 2008
 - BOS work group – IOM report on Conflict of Interest 2009
 - Secretary 2009
 - Chairman-elect 2010
 - Chairman 2011
 - Nominating committee Chair 2012
- AAOS representative to American College of Surgeons Board of Governors 2010-2016
- AMA/RUC advisory panel 1995; 2000
- Committee on Trauma 1996 – 1999
- Publications Committee 1999 – 2005
- Task Force: Patient Access to Emergency Care 2002
- Technology Assessment Project Team 2005-2007
- West Africa Education Program Team (ACEP)
- On Call Crisis Project Team 2007
- Chairman, Technology Assessment work group on Locked Plating, 2008
- Extremity War Injury Symposium III steering committee (with OTA and SOMOS)
- Unity Review Group, 2011
- Committee Appointments Program (CAP) team 2011
- Building Replacement Work Group, 2011
- NOLC/Fall meeting planning committee, 2010-2012
- AAOS Value Project Team 2011
- Appropriate Use Criteria Voting Panel – Supracondylar Humerus fracture 2014
- Trauma Program committee 2014-2020

American Association of Orthopaedic Surgeons

- Board of Directors, 2010-2012
- PAC executive committee, 2010-2012

Orthopaedic Trauma Association

- President, 2007
- Presidential Line, Board of Directors 2006-2010
- Secretary, Board of Directors 1999-2002

- Health Policy and Planning Committee - Chairman 2000
- Newsletter and Web Site Founder, Author and Editor
- Archives Committee -Chairman 1998
- Education Committee
- Ad Hoc Committee on Orthopaedic Trauma Service Organization
- Vendor Policy Committee
- Public Relations Committee, Chairman 2004-2005
- Strategic Planning Committee, 2005-2009 – Chairman 2009
- Evaluation Committee
- Nominations committee – Chairman 2008
- 25th anniversary book committee 2009
- Humanitarian Committee 2011
- 30 year anniversary planning committee, 2014
- Fund development committee, special projects 2019
- Discussion Forum committee 2020

American Board of Orthopaedic Surgery

- Director, 2004-2014
- Vice President 2009-2010
- Secretary, 2008-2009
- Research committee 2008-2014, Chairman 2008-2011
- Oral Board Examiner, 1999-2014
- Site visitor, 2000
- Written Exam Committee 2004-2014
- Oral Exam Committee 2004-2014
- Question writing task force 2004-2014
- Communications Committee, Chairman 2005-2007
- GME Committee, Chairman 2008
- Credentials Appeal Panel hearing Chair 12/20/08
- Nominations committee 2009
- PIM task force 2010
- IT/Communications committee, Chair 2013

American Orthopaedic Association

- Critical Issues Committee

American College of Surgeons

- Board of Governors 2010-2016
 - BOG committee on Physician Competency and Health
- Advisory Board for Orthopaedic Surgery 2010-2016
- National Committee on Trauma (ACS/COT) 2004 – 2011
- National Committee on Trauma, Special Member 2011-2013
- COT committee on Verification Review (VRC) 2007-2013
- COT subcommittee on Trauma Systems Consultation
- COT subcommittee on Education
- COT subcommittee on Disaster Management (Ad Hoc)
- Verification site reviewer 2007 - present
- Optimal Resources update committee 2003
- Indiana Committee on Applicants 2014-2016
- Pain Management Guideline work group 2019

ACGME

- Orthopaedic Residency Review Committee (RRC) 2008 -2010

Orthopaedics Overseas

- Board of Directors 2010-2013

State***Missouri State Orthopaedic Association***

- Board of Directors, 1997-2004
- President, 1999
- Newsletter editor 2000

American College of Surgeons

- Missouri Committee on Trauma 1997-2004
- Indiana Committee on Trauma 2005-2010
- Indiana Chapter Executive Board 2010-2016

Missouri State Medical Association

- Special committee on trauma center issues
- Commission on Interspecialty Medicine

Indiana Orthopaedic Society

- Board of Directors 2005-2011

Indiana State Department of Health

- State Trauma System Advisory Task Force 2007

University of Missouri

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| Campus | Student/Faculty Committee on Student Organizations, Governments and Activities (SOGA) 1999-2002 - Co-Chairman 2000-2003 Student Conduct committee 1999-2002 Campus Health Oversight committee 2000-2003 Academic Grievance Hearing Panel 2000-2003 Faculty Council 2001-2003 |
| School of Medicine/ University Hospital | Subcommittee on Marketing for the Health Sciences Center 1994-1996 OR Turnaround Time Quality Improvement Team 1995 Utilization Review committee 1993-1995 Trauma Committee 1993 - present PM&R Chairman Search Committee 2001 Anesthesia Chairman Search Committee 2001 Helicopter Advisory Committee 2002 Faculty Affairs Council 2001-2003 Mission Based Management Research Task force 2002 |
| University Physicians | Management committee at-large (alternate) 2001-2003 |
| Truman VA Hospital | Chairman, Orthopaedics July 1992 - July 1993 and July 1994 - January 1996 |

Department of Surgery Executive Committee, July 1994 to January 1996

Orthopaedic Chairman Search Committee 1995
 ER Anesthesia Policy Committee 1996
 Student Curriculum Committee 1997-1999

Division (1992-1996) Interim Chief, Division of Orthopaedics, July 1994 to January 1996
 Department (1996) Orthopaedic Trauma Service Chief 1992- 2002
 Orthopaedic Surgery Residency Program Director, July 1994 to January 1996
 Orthopaedic Alumni Association Vice-President 1996-7
 Quality Assurance committee chairman 1999
 Bioskills Lab Director 1992 - 2002
 Journal Club Chairman, 1992 to 1995

Indiana University

IUPUI IUPUI Faculty Council 2008-2011

School of Medicine Chairman of Orthopaedics 2005 - 2011
 IU Medical Group – Specialty Care Board of Directors 2005 - 2011
 School of Medicine Executive Committee 2005- 1011

Wishard Hospital Acting Chair of Orthopaedics, 2006 – 2007

Clarian Health co-Chair of Orthopaedics, 2006-2011
 (IU Health Physicians) DVT/PE Prevention team, 2009
 Own the Bone Osteoporosis treatment team

TEACHING, EDITORIAL And REVIEWING ACTIVITIES

Medical Journals – Editorial Board

Journal of Orthopaedic Trauma: Editorial Board 1996 - 2014
 Journal of the American Academy of Orthopaedic Surgeons
 manuscript reviewer 1998- present
 Editorial Review Board 2000- 2013
 Deputy Editor for Trauma 2007 – 2013
 Journal of the Surgical Orthopaedic Advances - Editorial Board 2001- 2010

Medical Journals - manuscript reviewer; external consultant or referee:

Journal of Bone and Joint Surgery – American
 Journal of Bone and Joint Surgery – Essential Surgical Techniques
 Journal of Trauma, Injury, Infection and Critical Care
 Journal of Orthopaedic Research
 Clinical Orthopaedics and Related Research
 Journal of Orthopaedic History
 Western Journal of Medicine
 The Lancet
 Pediatric Research
 Biomed Central Musculoskeletal disorders
 Annals of Surgery
 International Journal of Rheumatology
 American Journal of Clinical Nutrition

Other publications and Media

Founder and Editor, Orthopaedic Trauma Association Newsletter, 1995 to 2001
 Section Editor, Orthopaedic Knowledge Update – Trauma 3, AAOS/ OTA, 2005
 Monograph Series Editor, Complications in Orthopaedics, AAOS Publications Program 2003-2005

Co-editor, 5th SECOT/AAOS monograph: Fracturas complejas de los huesos largos. AAOS/ Sociedad Espanola de Cirugia ortopedica y Traumatologia, Editorial Medica Panamericana, Madrid, 2005

Hospital Physician Board Review Manual - Orthopaedics

Chapter reviewer, 1996 – 1999

1998 Series Editor, volume 4, parts 1-4

1999 Series Co-Editor, volume 5, parts 1-4

Orthopaedic Care, online textbook of the Southern Orthopaedic Association, Editorial Board

OTA resident lecture slide project, Editorial Board, lecture author

Orthopaedic Knowledge Online (OKO) - trauma topic reviewer 2007, 2012

Author, and Designer, University of Missouri Department of Orthopaedics Home Page on the World Wide Web

<http://www.hsc.missouri.edu/som/ortho> 1995-2000

Author, Designer, and Webmaster Orthopaedic Trauma Association Home Page on the World Wide Web

<http://www.ota.org> 1995- 2004

Founder and Editor, Indiana University Orthopaedic Journal, 2005-2010

Contributor, 2010 AAOS Orthopaedic In Training Examination (OITE)

Review Panels

Verification review team, American College of Surgeons Committee on Trauma

Wheeling Hospital, Wheeling West Virginia, March 1-2, 2007

San Francisco General Hospital, San Francisco CA, August 6-7, 2007

St. Joseph's Hospital, Phoenix AZ, November 19-20, 2007

South Shore Hospital, Boston MA, April 13-14, 2008

St. Mary's Hospital, Huntington WV, June 13-14, 2008

St. Louis University Hospital, August 28-29, 2008

Overland Park Regional Medical Center, Overland Park, KS Nov. 10-11, 2008

LSU Hospital, Shreveport, LA, Nov. 17-18, 2009

Covenant Health, Saginaw Michigan, Dec 15-16, 2009

Grady Hospital, Atlanta GA, Dec 11-12, 2014

Pikeville Regional Hospital, Pikeville KY, Feb. 2015

University Hospital, Lubbock Texas, April 2015

Cohen Children's Hospital, Long Island, NY October 2015

UHS Wilson Hospital, Johnson City, NY June 2017

University of Louisville Hospital, Louisville KY 2018

Beaumont Hospital, Royal Oak, MI February 2020

Riverview Hospital virtual visit observer, December 2020

Peconic Bay Medical Center, Riverhead NY, May 2021 (virtual)

St. Barnabas Hospital, Bronx, NY June 2023 (virtual)

Orthopaedic Trauma Research Panel (OTRP) grant review, Department of Defense, San Antonio 9/24-25/2007

Orthopaedic Residency Review Committee (RRC), Accreditation Council for Graduate Medical Education (ACGME) 2008-2010

External Examiner in Orthopaedics, Kulliyah of Medicine, International Islamic University, Malaysia May 18-24, 2012

External Assessor for Promotion, Universiti Sains Malaysia, Penang, Malaysia

2014 (1 candidate)

2015 (3 candidates)

Course Faculty:

National and International

AO/ASIF Principles Course

- Minneapolis, October 1993
- Tulsa, November 1999
- Dallas, January 2001
- Milwaukee, July 2002
- Reno, January 2003
- Columbus, July 2003
- Baltimore, January 2004, *Course Evaluator*
- Indianapolis, May 2005

- St. Louis, March 2006
 - Reno, January 2007 **Course Co-Chairman**
 - Indianapolis, May 2009 **Course Co-Chairman**
- AO/ASIF Advanced Course for Operating Room Personnel
- Little Rock, September 1996
 - Las Vegas, February 1997
 - St. Louis, September 1998
 - Branson, Missouri, May 2003, **Course Co-Chairman**
 - Indianapolis, IN October 2011
- AO/ASIF Current Concepts and Advanced Course
- Colorado Springs, May 1997
 - Point Vedras Beach, Florida, May 2001, **Course Evaluator**
 - Davos, Switzerland, December 2002
 - Marco Island, Florida, June 2004
 - Davos, Switzerland, December 2007
 - Beijing, China, September 2008
 - Covington, Kentucky September, 2009
 - Dallas Texas, March 8-11, 2012
 - Leeds, West Yorkshire, UK, June 2015
 - Hollywood, CA November 2015
- Orthopaedic Trauma Association Residents' Basic Fracture Course
- Vancouver, October 1998
 - San Antonio, October 2000 **Course Co-Chairman and Lab director**
 - San Diego, October 2001 **Course Chairman**
 - Toronto, October 2002, **Course Chairman**
 - Salt Lake City, October 2003, **Course Chairman**
 - Ft. Lauderdale, October 2004, **Course Chairman**
 - Ottawa, October 2005
 - Denver, October 2008, lab instructor
 - Phoenix, October 2013, geriatric module
 - Tampa, October 2014, pelvic/polytrauma module
 - San Diego, October 2015, pelvis/polytrauma module
 - Denver, September 2019, articular fracture module
- Orthopaedic Trauma Association Trauma Update course for surgeons (Ortho Trauma Boot Camp)
- Kansas City, MO, April 14-16, 2000 **Course Chairman**
 - Providence, RI, July 19-21, 2001 **Course Co-Chairman**
 - Nashville, TN, November 22-24, 2002
 - San Diego, CA, January 15-18, 2004
 - St. Louis, MO, May 12-14, 2005
 - Minneapolis, October 3-4, 2012
 - Phoenix, October 9-10, 2013
 - Tampa, October 15, 2014
 - San Diego, October 7, 2015 **section moderator**
 - National Harbor, MD, October 5, 2016
- Orthopaedic Trauma Association Specialty Day Program
- Dallas, Texas, February 2002
 - New Orleans, Louisiana, February 2003
 - San Francisco, California, March 2004
 - Washington DC, February 2005
 - San Francisco CA, March 2008 **Chairman**
 - New Orleans LA, March 2010
 - San Francisco, February 11, 2012
 - New Orleans, March 15, 2014
- Orthopaedic Trauma Association Annual Meeting - symposia and panels
- San Diego CA, October 20, 2001
 - Toronto, Ontario October 12 & 13, 2002
 - Ft. Lauderdale, Florida, October 10, 2004

- Ottawa, October 22, 2005
 - Phoenix, October 4-6, 2006
 - Boston, October 17-20, 2007
 - Denver, October 14-18, 2008
 - San Diego, October 7-10, 2009
 - Baltimore, October 16, 2010
 - San Antonio, October 12-14, 2011
 - Tampa, October 12-15 2022
- Orthopaedic Trauma Association Basic Science Focus Forum
- Phoenix, October 2006
 - Denver, October 2008
 - San Antonio, October 2011
- Orthopaedic Trauma Association Trauma Fellows' course
- Boston, April 4-5, 2008
 - Boston, April 2-4, 2009
- Orthopaedic Trauma Association NP/PA Course
- Phoenix, October 9-10, 2013
 - Tampa, October 15, 2014
 - San Diego, October 8, 2015
 - National Harbor, MD, October 5, 2016
- Orthopaedic Trauma Association/SurgeonMasters wellness program
- Tai Chi Instructor 2019, 2022
 - Meditation leader 2019, 2021
- American Academy of Orthopaedic Surgeons (AAOS) Instructional Course Lecture Faculty,
- Orlando, Florida, March 2000
 - San Francisco, California, March 2001
 - Dallas, Texas, February 2002
 - New Orleans, February 2003
 - San Francisco, March 2004
 - Washington DC, February 2005
 - Chicago, March 2006
 - San Diego, February 2007 *moderator*
 - San Francisco, March 2008 *moderator*
 - Las Vegas, February 2009 *moderator*
 - New Orleans, March 2010
 - San Francisco, February 2012
 - Chicago, March 2013
 - Las Vegas, March 2015
- AAOS Virtual Course: Management of Long Bone Nonunion, Sept./Oct. 2014 - **Chairman**
- AAOS Africa Cooperative Education Project (ACEP) 2006-2008, Organizing committee and Trauma section chair
- AAOS course: cadaver dissection course in trauma and fractures - "Practical Techniques for Improved Fracture Management."
- Orthopaedic Learning Center (OLC), Rosemont, Illinois, June 22-24, 2001
 - OLC, Rosemont, Illinois, June 21-23, 2002
- AAOS/OTA cadaver dissection course in trauma and fractures: "Techniques in Orthopaedic Trauma"
- OLC, Rosemont, Illinois, September 23-25, 2005 Course *Co-Director*
 - OLC, Rosemont, Illinois, December 8-11, 2006, *Course Director*
 - "Strategies and Tactics in Orthopaedic Extremity Trauma", OLC, Rosemont, Illinois, December 4-6, 2008
- AAOS course: Surgical Techniques for Managing Pediatric Orthopaedic Trauma
- Orthopaedic Learning Center, Rosemont, IL, October 4-6, 2002
 - Orthopaedic Learning Center, Rosemont, IL, October 22-24, 2004
- AAOS/ OTA Advanced Trauma Surgical Skills Course
- San Francisco, March 9, 2004

AAOS National Orthopaedic Leadership Conference (NOLC)

- Washington DC, April 7-10, 2011. Planning Committee, Symposium Moderator

AAOS/NAON Nursing and Allied Health Course, March 13, 2014, New Orleans, LA

American College of Surgeons Clinical Congress

- Postgraduate Course Chair, Chicago, IL, October 11, 2009

- Panel discussion member, Washington DC, October 4, 2010

American Orthopaedic Foot and Ankle Society Regional Review Course, Kansas City, October 1998

Current Concepts in Complex Fracture Management, sponsored by EBI, Telluride, Colorado, March 23-24, 2001

Mid-America Orthopaedic Association annual meeting, trauma session moderator, Amelia Island, Florida, April 20, 2001

San Antonio Trauma Symposium, San Antonio, Texas,

7th Annual, August 6-7, 2001

14th Annual, August 27, 2008

State of the Art in Orthopaedics 2002, sponsored by Howmedica/Stryker/Osteonics, - Whistler, British Columbia, March 17-23, 2002

Chicago Trauma Conference, Chicago, IL

- 5th Annual, August 8-10, 2003

- 7th Annual, August 12-14, 2005

- 8th Annual, July 27-31, 2006

Bone Innovation Summit, the Cleveland Clinic, Cleveland OH, May 3-5, 2006

2nd Annual Orthopaedic Trauma Fellow's Course, Smith & Nephew, Boston MA, April 4-5, 2008

46^o Congreso Argentino de Ortopedia Y Traumatologia, Salta, Argentina 11/29 – 12/3/2009

Sri Sathya Sai International Orthopaedic Conference, Puttaparthi, India, July 22-24, 2011

AAOS/Indian Orthopaedic Association 2nd Orthopaedic Trauma Conclave India, September 15-21, 2012 India (5 cities)

8th International Congress of the Chinese Orthopaedic Association/ World Orthopaedic Alliance, Beijing, China November 7-10, 2013

Congreso Brasileiro de Ortopedia e Traumatologia, Curitiba, Brazil, November 14-16, 2013

3rd Ganga Hospital Operative Trauma Course, Coimbatore, India, June 27-29, 2014

18th Annual Southeast Orthopaedic Symposium, Destin FL, August 8-11, 2019

Regional

- 1994 Midwest Regional Perioperative Nursing Conference, Columbia, Missouri, October 15, 1994.
- American College of Surgeons Advanced Trauma Life Support Course, Columbia, Missouri, October 1996
- Orthopaedic Update for Advanced Practice Nurses, Sinclair School of Nursing, Columbia, Missouri, March 1997
- 2nd Annual Orthopaedic Update for Advanced Practice Nurses, Sinclair School of Nursing, Columbia, Missouri, April 1998
- Association of Surgical Technologists, Missouri Chapter, "Trauma: From the Scene to the ICU", Columbia, Missouri, October 1999
- Trauma Symposium moderator, combined meeting of the Mid-Central States Orthopaedic Society and Missouri State Orthopaedic Association, Branson, Missouri, June 2000
- Decisions in Trauma Conference, Cox Health Systems, Springfield, MO, May 10, 2002
- Concepts in Locked Plating: A Trauma Symposium. Kansas City, MO., August 16, 2003, **Co-Chairman**
- Damage Control Trauma Symposium, Lake Regional Health System, Lake Ozark, Missouri, September 13, 2003
- 16th Annual Trauma Care Conference, St. John's Mercy Hospital, St. Louis, MO, September 19, 2003
- Indiana Orthopaedic Society annual meeting
 - Indianapolis, April 15-16, 2005
 - South Bend, April 27-28, 2006

- Trauma 101: Fracture Care in Orthopaedics, University of Cincinnati, Covington, KY, April 29-30, 2005
- 13th Annual Wishard/IU Trauma Symposium, Nov. 4-5, 2005
- IU Department of Orthopaedics Garceau-Wray lectureship
 - 30th annual, May 18-19, 2006, **Chairman**
 - 31st annual, June 7-8, 2007, Chairman
 - 32nd annual, June 4-5, 2008, Chairman
 - 33rd annual, June 2009 **Chairman**
 - 34th annual, June 2010 **Chairman**
- IU Health / Indiana University School of Medicine conference: Prevention of Venous Thromboembolism, April 11, 2011
- Ocala Regional Hospital Trauma Conference, Orthopaedic trauma protocol, September 29, 2016
- Box Elder County Hospital Trauma Conference, Brigham, Utah, Sept 22, 2018
- 9th Annual EMS/Public Safety Conference, Weber State University, Layton Utah, Nov. 14, 2018

Mentorship and Teaching:

University of Missouri, Department of Orthopaedics:

| | | | | |
|---------------------------|-----------------|------|------------------|------|
| Student Research Fellows: | Suresh Reddy | 1993 | David Lane | 1998 |
| | Kevin Marberry | 1994 | Michael Hughes | 1999 |
| | Reggie George | 1995 | Bridget Rutledge | 2000 |
| | Vinaya Reddy | 1996 | David McGee | 2000 |
| | Elizabeth Early | 1996 | Michael Hughes | 2001 |
| | Jeff Hoskins | 1996 | | |
| | Paul Grutter | 1996 | | |
| | Tom Aleto | 1997 | | |

These positions are supported by School of Medicine and Department of Orthopaedic Surgery funds and are awarded on a limited, competitive basis to medical students or pre-medical students with advance admission.

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| AO International Fellows: | Timothy Burd (USA) | 2002 |
| | Luis Riera-Rodriguez (Spain) | 2002 |
| | Jia Zhang (China) | 2006 |
| | Chen Hua (China) | 2010, 2012 |
| | Raad al Zaben (Jordan) | 2014 |

Honors Undergraduate Individual Study Course: The History of Surgery. Fall 1995 Student: Tom Aleto

Student preceptor, NIH training rehabilitation grant, 1994-95, Susan Buckelew, PhD, principal investigator

Medical Student Advisor, Indiana University School of Medicine, 2005- 2014

Young Practitioner's Forum panelist, OTA annual meeting program

23rd annual meeting, Boston, October 2007

24th annual meeting, Denver, October 2008

25th annual meeting, San Diego, October 2009

AAOS Leadership Fellows Program Mentor 2009-2010

OTHER ACTIVITIES

Sierra Club member and trip physician 1990

Orthopaedics Overseas volunteer in Transkei, South Africa, 1990

Volunteer, Kansas City Free Health Clinic, 1990-92

Missouri Gamma Rho chapter of Alpha Tau Omega:

 Housing Corporation Board of Directors 1993-1996

 Board of Trustees 1996- 1999, Chairman 1998

International Medical/Surgical Response Team (IMSuRT-East), a specialty team under the NDMS/ FEMA, 2002-2008

PEER REVIEWED PUBLICATIONS

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- 19th annual meeting of the Orthopaedic Trauma Association, Salt Lake City, Utah, October 9, 2003

Borrelli J, Gregush R, **Anglen JO**, Ricci W, Engsborg JR. Muscle Strength Recovery and Functional Outcome after Acetabular Fracture. 20th annual meeting of the Orthopaedic Trauma Association, Ft. Lauderdale FL, October 8, 2004

Anglen JO, Kazmier P, Cook JL, Burd TA, Hughes MS. The Role of Anabolic Supplementation in Fracture Healing. 20th annual meeting of the Orthopaedic Trauma Association, Ft. Lauderdale FL, October 9, 2004

Anglen JO. A Prospective, Randomized Comparison of Soap Solution and Antibiotic Solution for Irrigation of Lower Extremity Open Fracture Wounds.

- 20th annual meeting of the Orthopaedic Trauma Association, Ft. Lauderdale FL, October 9, 2004
Selected as one of the 10 best (Highlight) papers from the meeting.
- American Academy of Orthopaedic Surgeons Meeting, Washington DC, February 25, 2005
- OTA Specialty Day program, Highlight Paper session, AAOS annual meeting Washington DC, February 26, 2005
- Association of Bone and Joint Surgeons annual meeting, Carmel, CA, June 12, 2005

Kazmier P, Hughes MS, **Anglen JO**, Cook JL, Stoker AA, Burd TA. The role of anabolic supplementation in muscle repair.

- 21st. annual meeting Orthopaedic Trauma Association, Ottawa, Ontario, October 20, 2005 *Selected as one of the 10 best (Highlight) papers from the meeting.*
- OTA Specialty Day program, Highlight Paper Session, AAOS annual meeting, Chicago, March 25, 2006

Anglen JO, Weinstein JN, ABOS Research Committee. Plate or Nail for Intertrochanteric Fracture Fixation: changing patterns of practice. SIGN annual meeting, Richland, WA, August 23, 2007

Stannard JP, Volgas DA, McGwin G, Stewart RL, Obremsky WT, Moore T, **Anglen JO**. Negative pressure wound therapy following high risk lower extremity fractures. 23rd annual meeting Orthopaedic Trauma Association, Boston, MA, October 18, 2007

Barrett M, Wade AM, Crist B, DellaRocca G, **Anglen JO**. The safety of forefoot metatarsal pins in lower extremity external fixation: A cadaveric study. Mid-America Orthopaedic Association annual meeting, Orlando, Florida, April 28, 2008

Koval KJ, **Anglen JO**, Marsh JL, Harrast JJ. Dispelling the Myth: Emergency fracture care, who's doing what? 25th annual meeting of the Orthopaedic Trauma Association, San Diego, CA, October 8, 2009

FLOW Investigators. Fluid Lavage of Open Wounds (FLOW): A Multicenter, Blinded, Factorial Pilot Trial Comparing Alternative Irrigating Solutions and Pressures in Patients with Open Fractures.

- American Academy of Orthopaedic Surgeons Annual Meeting, March 2010 (Presenter: Brad Petrisor)
- Canadian Orthopaedic Association Annual Meeting, June 2010 (Presenter: Brad Petrisor)
- Australian Orthopaedic Association Annual Meeting, October 2010 (Presenter: Mohit Bhandari)
- Orthopaedic Trauma Association Annual Meeting, October 2010 (Presenter: Brad Petrisor)

Bethel M, McDowell SM, Citteti BR, Chu TG, Ertl J, Mullis BH, Kacena M, **Anglen JO**. Spacer composition influences properties of the Masquelet membrane in animals and the observed gene expression patterns of inducible membranes in humans. OTA Basic Science Focus Forum, Phoenix AZ, October 9, 2013

FLOW Investigators. Results of the FLOW study: A multinational, randomized trial evaluating irrigating solutions and pressures in patients with open fractures. Orthopaedic Trauma Association annual meeting, San Diego, October 8, 2015. (Presenter: Kyle Jeray MD)

Childress P, Chu TMG, **Anglen JO**, McKinley TO, Kacena MA. The Development of a Critical Sized Bone Defect Model in Yucatan Miniature Swine, Military Health System Research Symposium, Kissimmee FL, August 2016.

Childress PJ, Rytlewski J, Zhao L, **Anglen JO**, Shively KD, McKinley TO, Kacena MA. TPO Augments

Bone Regeneration in a Large Animal Critical Sized Defect Model, Second Annual Symposium on Cell Therapy and Regenerative Medicine, Indianapolis, June 2016

Childress P, Rytlewski J, Zhao L, **Anglen JO**, Shively KD, Chu T-MG, McKinley TO, Kacena MA. TPO augments bone regeneration in a large animal critical sized defect model. Orthopaedic Research Society, San Diego CA March 19-22, 2017

Bhandari M, Jeray K, Petrisor B, **Anglen J**, et al. Flow Investigators. Prognostic factors in predicting reoperations after operative management of open fractures. Orthopaedic Trauma Association annual Meeting, National Harbor MD, October 8, 2016

Nayduch D, Anglen J, McFadden J, Simpson B, Hewitt C, Ang D. Geriatric femur fracture management across a trauma network. World Orthopaedic Congress, Taiyuan, China Sept 23, 2017

McKinley TO, Kacena MA, Anglen JO, Shively KD, Chu T-MG. Developing a novel porcine meta-critical bone defect model for clinical translation. OTA Basic Science Focus Forum, Denver, CO. September 25-29, 2019

McKinley TO, Kacena MA, Anglen JO, Shively KD, Chu T-MG, Childress PJ. BMP2 Accelerates Healing and Prevents Infection in Two Porcine Critical Sized Defect Models. OTA Basic Science Focus Forum, Denver, CO. September 25-29, 2019

RESEARCH PRESENTATIONS - Regional

Blue JM, and **Anglen J**: "A Comparison of Reamed and Unreamed Tibial Nailing." Missouri State Orthopedic Association, Lake Ozark, Missouri, June 5, 1993.

Anglen J: "Decision-making in Acetabular Fracture". Missouri State Orthopedic Association annual meeting, Lake Ozark, Missouri, June 4, 1993.

Malicky E and **Anglen J**: "A Review of Cannulated Screw Fixation of the Femoral Neck". Missouri State Orthopedic Association meeting, Lake Ozark, Missouri, June 3, 1994.

Anglen, JO and Moore, KD: "The Use of Radiation Therapy to Prevent Heterotopic Bone Formation after Acetabular Fracture Fixation" Missouri State Orthopaedic Association meeting, Columbia, Missouri, September 9, 1995.

Moussa F, Gainor BG, Anglen JO, Christensen G, and Simpson A: "The Use of Detergents for Irrigation of Orthopaedic Wounds" Missouri State Orthopaedic Association meeting, Columbia, Missouri, September 10, 1995.

Anglen, JO: "Intraoperative Auscultation of the Acetabulum to Identify Joint Penetration by Screws." Missouri State Orthopaedic Association meeting, Columbia, Missouri, September 11, 1995.

Hockman DE, Gainor BJ, **Anglen JO**, Christensen G and Simpson A: " The Use of Benzalkonium as an Orthopaedic Irrigation Solution: A Muscle Tissue Model" Missouri State Orthopaedic Association meeting, Columbia, Missouri, September 11, 1995.

Tarbox BB, Malicky ES, Hockman DE, Gainor BJ, **Anglen JO**, and Christensen GD: "Benzalkonium chloride: Its efficacy as a disinfecting irrigation solution in a rat model". Missouri State Orthopaedic Association Annual Meeting, Lake Ozark, Missouri, June 22, 1996.

Huckfeldt R, **Anglen J**, Schlanger C, Mills P, and James M: “The efficacy of computed tomography without oral contrast in the evaluation of blunt abdominal trauma”. American college of Surgeons, Missouri chapter annual meeting. Lake Ozark, Missouri, June 13, 1997

Burd TA, **Anglen JO**, Gainor BG, Christensen G, and Simpson WA. “The use of sequential irrigation solutions in decontaminating orthopaedic wounds challenged with a polymicrobial inoculum - A rat model” Missouri State Medical Association Annual Meeting, Lake Ozark, Missouri, June 13, 1998. (First Place in the Resident paper competition)

Huyette D, Phaup G, Christensen GD, Simspon WA, Gainor BG, and **Anglen JO**: “Surfactant Irrigation reduces infection rate in a rat model of complex orthopaedic wound infection with Staphylococcus Aureus”, combined meeting of the Mid Central States Orthopaedic Society and the Missouri State Orthopaedic Society, June 10, 2000, Branson, MO.

Burd T and **Anglen J**: Indomethacin vs. localized irradiation for prevention of heterotopic ossification after acetabular fracture surgery: A 7 year prospective randomized trial of 182 patients”_combined meeting of the Mid Central States Orthopaedic Society and the Missouri State Orthopaedic Society, June 10, 2000, Branson, MO.

Anglen JO and Hughes M. Irreducible hip dislocation due to incarcerated posterior wall fragments: Use of Trochanteric Osteotomy. Missouri State Orthopaedic Association annual meeting, May 12, 2001, Kansas City

Hughes MS, Burd TA, and **Anglen JO**. Increased nonunion rate following use of indomethacin. Presented at MU School of Medicine-Research Day November 8, 2001.

Burd TA, Kazmier P, Hughes MS, Cook JL, and **Anglen JO**. Anabolic enteral supplementation to enhance fracture healing. Presented at the 2nd Annual Comparative Orthopaedics Day, Columbia, MO, April 5, 2002. <http://www.columc.missouri.edu/docs/articles/COL%20Day-2002.pdf>

Hughes MS, Wilson BJ, Anglen JO. The use of implantable bone stimulators in nonunions. Missouri Academy of Sciences, 36th annual meeting, April 2002

Anglen JO, Lubber K, Park T, Hendricks KJ. The effect of femoral intramedullary rodding on ICP and CPP in head injured patients. Missouri Chapter, American College of Surgeons, Inc. 35th Annual professional meeting, Lake Ozark Missouri, June 15, 2002

Hughes M, Burd TA, **Anglen, JO**, Kazmier P, Cook, JL. Enhanced fracture and soft tissue healing via anabolic protein supplementation. 30th Garceau-Wray Lectureship, IU Department of Orthopaedics, Indianapolis, IN, May 19, 2006

Anglen JO, Weinstein JN, ABOS Research Committee. Plate or Nail for Intertrochanteric Fracture Fixation: changing patterns of practice. 31st Garceau-Wray Lectureship, IU Department of Orthopaedics, Indianapolis, IN, June 8, 2007

Watters JC, Mullis BH, **Anglen J**. The Role of Debridement in Low-Velocity Civilian Gunshot Injuries Resulting in Pelvis Fractures: a Retrospective Review of Acute Infection and Inpatient Mortality. 34th Garceau-Wray Lectureship, IU Department of Orthopaedics, Indianapolis, IN, June 4, 2010

Rytlewski J, Childress P, Cheng Y, **Anglen JO**, Shively KD, McKinley TO, Chu T-MG, Kacena MA. Safety and efficacy of thrombopoietin as a novel bone healing agent in a large animal model. Indiana University SRPinAM Research Day, Indianapolis, September 2015.

POSTERS

Gainor BG, Moussa F, **Anglen J**, Christensen G, and Simpson A: The use of detergent/ surfactants as irrigation agents. The American Orthopaedic Association 108th Annual Meeting, White Sulphur Springs, West Virginia, June 10-13, 1995.

Marberry K, Suresh R, and **Anglen J**: Patient Oriented Outcome Study of Patients with Acetabular Fracture. Student Research Day, University of Missouri School of Medicine, Columbia, Missouri, April 28, 1995.

Hockman D, Gainor BJ, and **Anglen J**: The Use of Benzalkonium as a Disinfecting Irrigation Solution for Orthopaedic Implants. Student Research Day, University of Missouri School of Medicine, Columbia, Missouri, April 28, 1995.

Tumialan J, Gainor B, **Anglen J**, Moussa F, Hockman D, Christensen G and Simpson W: Benzalkonium Chloride as an Irrigating Agent in an Orthopaedic Wound Model. The Premedical Sciences Enrichment Program poster presentations, University of Missouri School of Medicine, Columbia, Missouri, July 20, 1995.

Moussa F, Gainor BG, **Anglen J**, Christensen G, and Simpson A: The use of detergent/ surfactants as irrigation agents. Southern Medical Association meeting, Kansas City, Missouri, November 18, 1995.

George R, Bagby C, and **Anglen J**: Comparison between Plexipulse foot pumps and SCDs for prevention of DVT in orthopaedic trauma patients. Student Research Day, University of Missouri School of Medicine, Columbia, Missouri, April 10, 1996.

Aleto T and **Anglen J**: Temporary transarticular external fixation of the knee and ankle.
 -Student Research Day, University of Missouri School of Medicine, Columbia, Missouri. November 12, 1997
 -Orthopaedic Trauma Association annual meeting, Vancouver BC, October 12-14, 1998

Early E, Reddy V, and **Anglen J**: Chart review of open humerus fractures. Student Research Day, University of Missouri School of Medicine, Columbia, Missouri. November 12, 1997

Conroy, BP, Anglen JO, Wimpson WA, Christensen G, Phaup G, Yeager R, Gainor BJ: "The complexities of irrigating contaminated orthopaedic wounds." American Orthopaedic Association 31st annual Resident's Conference, Sacramento, California, February 20-22, 1998

Burd TA, Lowry KJ, **Anglen JO**, and Allen WC. In Vitro Elution Characteristics of Tobramycin from Bioabsorbable Polycaprolactone Beads.
 -Orthopaedic Trauma Association annual meeting, Vancouver, BC, October 12-14, 1998
 -Mid America Orthopaedic Association meeting, SouthHampton, Bermuda April 10- 13,1999

Burd TA, **Anglen JO**, Gainor BJ, Christensen G, Simpson WA, and Phaup G: The application of sequential irrigation solutions in decontaminating polymicrobial orthopaedic wounds in a rat model. Orthopaedic Trauma Association annual meeting, Vancouver, BC, October 12-14, 1998

Lane D, Ogden J, **Anglen J**, Gainor B, Simpson WA, and Christensen G: Bacterial synergy in polymicrobial infections. Student Research Day, MU School of Medicine, November 11, 1998

Hendricks KJ, Lane DL, Burd TA, Lowry KJ, Day D, Phaup JG, and **Anglen JO**: "Elution characteristics of tobramycin from polycaprolactone in a rabbit model."

- American Orthopaedic Association annual meeting, Hot Springs, Virginia, June 16, 2000
- Orthopaedic Trauma Association meeting, San Antonio TX, October 12-15, 2000
- Mid-America Orthopaedic Association meeting, Amelia Island, FL, April 19-22, 2001

Huyette D, Walsh R, Hendricks KJ, Phaup G, Christensen GD, Simson WA, Gainor BG, and **Anglen JO**: Surfactant Irrigation reduces infection rate in a rat model of complex orthopaedic wound infection with Staphylococcus Aureus.

- Orthopaedic Trauma Association meeting, San Antonio TX, October 12-15, 2000
- School of Medicine Research Day, University of Missouri, November 9, 2000
- Mid-America Orthopaedic Association meeting, Amelia Island, FL, April 19-22, 2001

Rutledge B, Huyette D, Hendricks KJ, and **Anglen JO**: Polycaprolactone as a local biodegradable antibiotic delivery system. School of Medicine Research Day, University of Missouri, November 9, 2000

Hughes M, Burd T, and **Anglen JO**. The floating hip - complications and functional outcomes of ipsilateral femur and pelvic/acetabular fractures.

- School of Medicine Research Day, University of Missouri, November 9, 2000
- College of Arts and Science Undergraduate Research Showcase, February 15, 2001, **Third place prize**
- National Conference on Undergraduate Research, March 15-17, 2001, Lexington, Kentucky
- Orthopaedic Trauma Association 17th Annual Meeting, San Diego, CA, October 18-20, 2001

McGee DM, Simpson WA, Christensen GD, Gainor BJ and **Anglen JO**. A comparison of antiseptic, antibiotic and surfactant irrigation in the contaminated orthopaedic wound - preliminary results. School of Medicine Research Day, University of Missouri, November 9, 2000

Anglen JO, Metzler M, Bunn P and Griffiths H. Flexion- extension films are not cost effective in a cervical spine clearance protocol for obtunded trauma patients. American Academy of Orthopaedic Surgeons meeting, San Francisco, CA, February 28- March 4, 2001

Hughes M, Burd T, and **Anglen JO**. Indomethacin increases the risk of long bone nonunion when used for heterotopic ossification prophylaxis after acetabular fracture.

- 12th Annual Undergraduate Research Science Symposium, University of Missouri-Columbia, August 2, 2001
 - University of Missouri School of Medicine Research Day, November 8, 2001
 - American Orthopaedic Association annual meeting, Victoria, British Columbia, June 1-3, 2002
 - American Academy of Orthopaedic Surgeons annual meeting, New Orleans, LA, February 5-9, 2003
 - American Orthopaedic Association, 116th annual meeting, Charleston SC, June 12-14, 2003
- http://www.aoassn.org/pdf/2003_AM_Presentations.pdf

Hughes M and **Anglen JO**. Trochanteric slide osteotomy for patients with irreducible fracture dislocation of the acetabulum. 12th Annual Undergraduate Research Science Symposium, University of Missouri-Columbia, August 2, 2001

Hughes M, Burd T, Kazmier P, Cook J, **Anglen JO**. Anabolic enteral protein supplementation enhances soft tissue and fracture healing in a malnourished rat model.

- University of Missouri School of Medicine Research Day, November 6, 2002.
 - American Orthopaedic Association, 116th annual meeting, Charleston SC, June 12-14, 2003
- http://www.jbjs.org/abstracts/maoa03/maoa_abs29-38.pdf

Crow B and **Anglen JO**. Minimal plate fixation for forearm fractures. Mid-America Orthopaedic Association 22nd annual meeting, La Quinta, CA, April 14-18, 2004

Hughes MS, **Anglen JO**. "Long-Term Functional Results of Distal Radius Fractures in Young Adults." Student Research Day, University of Missouri School of Medicine, Nov. 11, 2004

Hughes MS, Burd T, Kazmier P, Cook J, **Anglen JO**. Anabolic supplementation in fracture and muscle repair. Comparative Orthopaedic Day, Comparative Orthopaedic laboratory, University of Missouri, April 22, 2005

Smith M, Kazmier P, Carson W, **Anglen JO**. Biomechanical investigation of complicated tibial plateau fractures using locking plates and standard bicolumnar fixation. Comparative Orthopaedic Day, Comparative Orthopaedic Laboratory, University of Missouri, April 22, 2005

Anglen JO, Weinstein JN, ABOS Research Committee. Plate or Nail for Intertrochanteric Fracture Fixation: changing patterns of practice.

- Orthopaedic Trauma Association 23rd annual meeting, Boston, MA, October 17-20, 2007
- American Academy of Orthopaedic Surgeons meeting, San Francisco, CA, March 5-9, 2008

Koval KJ, **Anglen JO**, Weinstein JN, Borelli J, Marsh JL, Harrast J. Are recent graduates of Orthopaedic training programs avoiding emergency care? American Academy of Orthopaedic Surgery meeting, Las Vegas, NV, Feb 2009

Watters J, Mullis B, **Anglen JO**. The role of surgical debridement in low-velocity civilian gunshot injuries resulting in pelvis fractures. American college of Physicians, Indiana Chapter annual scientific meeting, Indianapolis, IN, November 14-15, 2008

Hughes MS. **Anglen JO**. The Use of Implantable Bone Stimulators in Nonunion Treatment. Mid-America Orthopaedic Association 29th annual meeting, Tucson, AZ April 6-10, 2011

Abbott MD, Loder RT, **Anglen JO**. Comparison of Submuscular and Open Plating of Pediatric Femur Fractures: a Retrospective review. 9th annual International Pediatric Orthopaedic Symposium, AAOS/POSNA, Orlando FL, Nov. 28-Dec 2, 2012

Hunter J, **Anglen JO**, DiGiovanni C, Baumhauer J. The most common patient safety problems in foot and ankle orthopaedics. AAOS annual meeting, Chicago, IL, March 19-23, 2013

Childress P, Rytlewski J, Zhao L, **Anglen JO**, Shively KD, Chu TG, McKinley TO, Kacena MA. TPO Augments Bone Regeneration in a Large Animal Critical Sized Defect Model. 2016 Military Health System Research Symposium August 16-17, 2016, Orlando, FL

Anglen J, Ang D, Hagan J, Prashad R, Tieche S, Petrik R, Prashad A, Quach S, Hewitt C. Geriatric Hip Alert. HCA Trauma summit, 1/28/20 Orlando FL

Anglen J, Ang D, Hagan J, Hewitt C, Petrik R, Prashad, R. A multidisciplinary protocol reduces the time to surgery and in-house mortality for hip fracture patients. OTA 2021 Annual Meeting, Oct.21-23, 2021, Fort Worth, TX

INVITED LECTURES, SYMPOSIA, PANELS

I. NAMED LECTURESHIPS, VISITING PROFESSORSHIPS, EXTERNAL GRAND ROUNDS

1. "Lower Extremity Trauma" University of Missouri-Kansas City Orthopaedics Department teaching conference, Kansas City, MO, October 7, 1999
2. "Cleansing the open fracture wound - Irrigation past, present and future" Grand Rounds, University of Louisville Department of Orthopaedic Surgery, Louisville, Kentucky, December 7, 1999
3. "Open Fracture Wound Irrigation" and "Management of Long bone Nonunion", Visiting Professorship, St. Louis metropolitan Orthopaedic Society, October 25, 2000
4. "Nonunion case presentations" and "Clinical use of bone stimulation for long bone nonunion" Orthopaedic Grand Rounds, Wake Forest University School of Medicine, Winston-Salem, North Carolina, September 4-5, 2001
5. "Orthopaedic Wound Irrigation" Northwestern University Department of Orthopaedics Grand Rounds, Chicago, IL, June 21, 2002
6. "Clinical Use of Bone Stimulators for Long bone Nonunion" weekly didactic conference, Campbell Clinic, Memphis TN, August 19, 2002
7. "Orthopaedic Traumatology" Columbia Rotary Club, Columbia, MO, July 22, 2003
8. "Pediatric Femoral Shaft Fracture Treatment" visiting lecturer, Oregon Health Sciences University Department of Orthopaedics, Portland, Oregon, May 17, 2004
9. "Open fracture wound irrigation", "Pediatric femoral shaft fracture treatment" and "Treatment options in distal femoral fractures", and "Demystifying Board Certification". **17th annual Callahan Lecturer in Orthopaedic Trauma**, Loyola University, Stritch School of Medicine, Department of Orthopaedics, September 23, 2004
10. "Open Fracture Irrigation: Past, Present and Future" and "Heterotopic Ossification after Acetabular Fracture Surgery", visiting professorship, Department of Orthopaedics, University of Alabama- Birmingham, October 6, 2005.
11. "Nonunion of the Proximal Femur" Boston University, Department of Orthopaedics Grand Rounds, May 14, 2007
12. Visiting Professorship, Moi University School of Medicine Department of Orthopaedics, Eldoret, Kenya, June 17-23, 2007
13. "Intertrochanteric Fracture Fixation: Changing Practice" and "Open Fracture Wound Care", Keynote address, SIGN annual meeting, Richland, WA, August 22-24, 2007
14. "Wound care in open fractures", "Fixation options in intertrochanteric fractures", and "Nonunions of the proximal femur". **Twelfth Wavering Lecturer**, Evanston Northwestern Healthcare, Evanston Illinois, October 11 & 12, 2007
15. "Nonunions of the Proximal Femur" Orthopaedic Grand Rounds, Brown University Department of Orthopaedics, Providence, Rhode Island, January 16, 2008
16. "Nail vs. Plate for Intertrochanteric Fracture" and "Nonunion of the Proximal Femur", the 1st annual **Yassine Orthopaedic Trauma Visiting Professorship**, Summa Health System, Akron OH, August 15, 2008
17. "What's New in Care of Open Fracture Wounds", Orthopaedic Grand Rounds, University of Missouri, Columbia, Missouri, September 3, 2008
18. "Principles of Intramedullary Nailing" and "What's New in care of Open Fracture Wounds", Guest lecture, Kenya Orthopaedic Association 4th annual meeting, Eldoret, Kenya, March 18-19, 2009
19. "What's New in Open Fracture Care", "Maintenance of Certification", and "The ED Call Crisis". Presidential Guest Speaker, Ohio Orthopaedic Society annual meeting, Columbus, Ohio, May 8, 2009
20. "Management of the Open Fracture Wound" "Case Discussions", Orthopaedic Grand Rounds, University of Rochester, Rochester, New York, August 6, 2009
21. "Advances in the Treatment of Open Fractures", Case discussions, Orthopaedic Grand Rounds, University of Texas Southwestern Department of Orthopaedics, Dallas, TX, August 11, 2010

22. “Open fracture wound care”, “Acetabular fracture in the Elderly”, “Heterotopic Ossification after acetabular fracture” and “Femoral Nail options” at Sri Sathya Sai International Orthopaedic Conference, Prasanthigram, Puttaparthi, India, July 22-24, 2011
23. “Board Certification in the USA”, Malaysian Orthopaedic Board Examiners, Kuantan, Malaysia, May 20, 2012
24. “Management of Open fracture wounds”, Kulliyah of Medicine faculty, International Islamic University, Malaysia, May 25, 2012
25. “Antibiotics for Musculoskeletal infection”, Calcaneus Fracture”, “Ankle Fracture”, AAOS/ Indian Orthopaedic Association 2nd Trauma Conclave, 5 cities in India, September 2012
26. “Complications of Acetabular Fracture surgery”, Chinese Orthopaedic Association meeting, Beijing, China, November 8, 2013
27. “Proximal Femoral Nonunion”, Visiting Professorship, Medical School of Chinese People’s Liberation Army, Beijing, China, November 10, 2013
28. 6 lectures, Brazilian Congress of Orthopaedics and Traumatology, Curitiba, Brazil, November 14-16, 2013
29. “Locking Plate Principles and Practice”, Femoral Neck and ipsilateral shaft fractures”, “The lateral wall in trochanteric fractures”. Ganga Hospital Operative Trauma Course, Coimbatore, India, June 2014
30. “Intertrochanteric Fracture: Plate vs. Nail” Grand rounds, SUNY Upstate Medical University, Department of Orthopaedics, November 12, 2014

II. PANELS AND SYMPOSIA

1. Moderator, Symposium on Orthopaedic Traumatology, joint program of the Missouri State Orthopaedic Association and the Missouri chapter of the American College of Surgeons, Lake Ozark, Missouri, June 14, 1997
2. “Fractures of the Distal Femur”. Trauma Panel discussion, combined meeting of the Mid Central States Orthopaedic Society and the Missouri State Orthopaedic Society, June 10, 2000, Branson, MO
3. Symposium: “Trauma Care Delivery – the effect of EMTALA regulations”, Orthopaedic Trauma Association annual meeting, Toronto, Ontario, October 12, 2002
4. Infection following internal fixation of fractures case discussion panel OTA annual meeting program
 - i.* San Diego CA, October 20, 2001
 - ii.* Toronto, Ontario, October 13, 2002
 - iii.* Fort Lauderdale, FL, October 2004
5. Moderator, Long bone nonunion case discussion panel, OTA annual meeting
 - i.* Ottawa, Ontario October 22, 2005
 - ii.* Phoenix, Arizona October 7, 2006
 - iii.* Boston, MA, October 19, 2007
6. Trauma case panel discussion, Moderator, Indiana State Orthopaedic Society annual meeting, South Bend, Indiana, April 27, 2006
7. “Organization of the Orthopaedic Trauma Service: Optimal resources for the care of injured patients” Symposium entitled Getting paid for the management of fractures: How to get what you deserve! AAOS annual meeting, Chicago, IL, March 23, 2006
8. “Institute of Medicine Report on the Future of Emergency Care – Orthopaedic Perspective”, American College of Surgeons Committee on Trauma spring meeting, Denver CO, March 16, 2007
9. “Wound Irrigation: Which Solution is Best?” Basic Science Focus Forum, Orthopaedic Trauma Association annual meeting
 - i.* 22nd annual meeting, Phoenix, October 4, 2006
 - ii.* 24th annual meeting, Denver, October 15, 2008

10. “Heterotopic Ossification”, Symposium on complications in fracture care, and “IM Nailing for simple hip fractures”, Symposium on Misapplication of Technology, OTA 23rd annual meeting, Boston, MA, October 17-20, 2007
11. “Organization of the Orthopaedic Trauma Service” Improving the Trauma Lifestyle, OTA Specialty Day Program, San Francisco CA, March 8, 2008
12. “The Harborview effect on trauma care and education” Kathryn E. Cramer Scientific Symposium, Harborview Medical Center, Seattle WA, July 25, 2008
13. “Preventing infection in the OR environment” 24th OTA annual meeting, Denver, October 18, 2008
14. Orthopaedic Emergency room coverage: Where are we going? AAOS annual meeting, Las Vegas, NV, February 25, 2009
15. Treatment of Orthopaedic Infections. OTA 25th annual meeting, San Diego, CA, October 10, 2009
16. Postgraduate course PG17: Acute Orthopaedic and Neurotrauma care for General Surgeons, American College of Surgeons Clinical Congress, Chicago, October 11, 2009 – **course co-director**
17. “Pediatric femoral shaft fracture”, “Open fracture wound care”, “Intracapsular fracture of the hip” “Fixation in Osteoporosis”, “Pilon Fracture” OTA Fracture Course Faculty, 46th annual Congress of the Argentinian Association of Orthopaedics and Trauma (AAOT), Salta, Argentina, December 2009
18. “Mangled Extremities”, American College of Surgeons Clinical Congress panel discussion, Orthopaedic Emergencies for the General Surgeon; Washington DC, October 4, 2010
19. “Update on Antibiotics”, Symposium on Infection after Internal Fixation, OTA annual meeting, Baltimore, October 16, 2010
20. Session Moderator, OTA International Orthopaedic Trauma Care Forum, Baltimore, October 13, 2010
21. Symposium Moderator, AAOS NOLC symposium on Duty Hour Restrictions and Fatigue Management, Washington DC, April 9, 2011
22. International Fracture Care Forum, OTA Annual Meeting, panel discussion of articular fracture cases, San Antonio, Tx, October 12, 2011
23. Moderator, OTA Specialty Day Symposium, “Surgeon Fatigue: mandatory disclosure or duty hour restriction?” OTA specialty Day Program, San Francisco, CA, February 11, 2012
24. OTA Specialty Day Trauma Jeopardy panel, New Orleans, LA, March 14, 2014
25. AAOS annual meeting paper session moderator, Orlando FL, March 4, 2016

III. AAOS INSTRUCTIONAL COURSE LECTURES (ICLs)

1. Treatment of Distal Femur Fractures
 - i. Orlando, Florida, March 17, 2000
 - ii. San Francisco, California, March 1, 2001
 - iii. Dallas, Texas, February 14, 2002
 - iv. New Orleans, LA, February 6, 2003
2. Fractures of the Upper Extremity: Humeral Shaft
 - i. Dallas, Texas, February 14, 2002
 - ii. New Orleans, LA, February 6, 2003
 - iii. San Francisco, February 2004
 - iv. Washington DC, February 23, 2005
 - v. Chicago IL, March 24, 2006
3. Technical tips in fracture care: Fractures of the hip
 - i. Chicago, IL, March 23, 2006
 - ii. San Diego, CA, February 18, 2007
 - iii. San Francisco, CA, March 5, 2008
4. Tibia Fractures: Management of open wounds, Malunion
 - i. San Diego, CA, February 14, 2007
 - ii. San Francisco, CA, March 6, 2008

- iii. Las Vegas, NV, February 27,2009
- 5. Avoiding Complications in Common Fractures – Humerus fractures
 - i. San Diego, CA, February 18, 2007
 - ii. San Francisco, CA, March 5, 2008
 - iii. Las Vegas, NV, February 25,2009
- 6. Getting Through the Night – Orthopaedic on call issues: Open fractures, Lower extremity emergencies
 - i. San Francisco, CA, March 7, 2008
 - ii. Las Vegas, NV, February 26,2009
 - iii. New Orleans LA, March 10, 2010
- 7. Proximal Femur Fractures: Nail vs. Plate for Intertrochanteric fractures
 - i. San Francisco, CA, February 9, 2012
 - ii. Chicago IL, March 20, 2013
- 8. Fracture of the Tibia: Posterior Approach
 - i. Las Vegas, NV March 25, 2015

IV. INVITED LECTURES – COURSES AND MEETINGS

"Orthopaedic Priorities in Multiple Trauma." Midwest Trauma Society, Kansas City, Missouri, June 3, 1993.

"Orthopaedic Traumatology", Ninth Annual Trends in Trauma Conference, Heartland Trauma Services, St. Joseph, Missouri, October 8, 1993.

"Tibia Fracture Treatment", Mid-Missouri Chapter of the Physical Therapy Association, November 19, 1992.

"Acetabular Fracture Treatment", University of Missouri - Kansas City Orthopaedic Grand Rounds, Kansas City, Missouri, September 2, 1993.

"Metallurgy, Biomaterials, and Implant Failure", Association for the Study of Internal Fixation (AO/ASIF) Resident's Course, Minneapolis, Minnesota, October 25, 1993.

"Decisions in Pelvic and Acetabular Fracture Care." Decisions in Trauma: From Impact to Recovery, Cox Health Systems, Springfield, Missouri, June 3, 1994.

"Distal Radius Fractures" Association of Emergency Nurses, Columbia, Missouri, July 13, 1994.

"Fracture Management Principles" Continuing Education Program, Naval Reserve Fleet Hospital 500, Jefferson Barracks, St. Louis, Missouri. August 13, 1994

"Orthopaedic Trauma in the Operating Room Setting" 1994 Midwest Regional Peri-operative Nursing Conference, Columbia, Missouri, October 15, 1994.

"The Use of Radiotherapy to Prevent Heterotopic Bone" Missouri Society of Radiologic Technologists meeting, April 29, 1995, Osage Beach, Missouri.

"Biological Plating, Indirect Reduction, and Preoperative Planning", " Principles of Intramedullary Fixation", and "Indications for Pelvic Fracture Stabilization", AO/ASIF Operating Room Personnel Advanced Course, Little Rock, Arkansas, September 15-16,1995.

"Pelvic Fractures", Sixth Annual Decisions in Trauma: From Impact to Recovery. Program sponsored by Cox Medical Centers, Springfield, Missouri, May 10, 1996.

"Shoulder Examination" and "Ankle Assessment" Central Missouri NAON chapter Seminar on Hands-on

Assessment Techniques, Columbia, Missouri, October 10, 1996.

“Extremity Trauma” American College of Surgeons ATLS Course, Columbia, Missouri, October 19-20, 1996.

“Introduction to Fractures and Fracture Healing” and “Basic Principles of Internal Fixation”, AO/ASIF Operating Room Personnel Course, Las Vegas, Nevada, February 7-8, 1997.

“Common Shoulder Problems - Assessment and Treatment” and “Foot and Ankle Evaluation”, Orthopaedic Update for Advanced Nurse Practitioners, Sinclair School of Nursing, University of Missouri, Columbia, Missouri, March 7, 1997.

“Intracapsular fractures of the femoral neck”, AO/ASIF Current Concepts and Advanced Course, Colorado Springs, May 7, 1997

“Prevention of Heterotopic Ossification after Acetabular Fracture Surgery”, “Prevention of Infection in Open Fracture” and “Prevention of Deep Venous Thrombosis in Trauma” Annual Orthopaedic Trauma Meeting: Complications in Orthopaedic Trauma, Inova Fairfax Hospital, Fairfax, Virginia, September 18, 1997

“Management of Pelvic Ring Injuries: A Team Sport” Frederick A. Collier Surgical Society Meeting, Lake Ozark, Missouri, October 10, 1997

“Prevention of Infection in Orthopaedic Surgery” Association of Operating Room Nurses (AORN) perioperative specialty conference, Philadelphia, PA, October 30, 1997

“Evaluation and Management of Common foot and Ankle Problems” 2nd Annual Orthopaedic Update for Advanced Practice Nurses, Sinclair School of Nursing, University of Missouri, Columbia, Missouri, April 24, 1998

“Acetabular Fracture Care” Trauma Panel, combined meeting of the Mid Central States Orthopaedic Society and the Missouri State Orthopaedic Society, June 13, 1999, St. Louis, MO

“Orthopaedic Management of the Pediatric Trauma Patient” and “Current Controversies in Orthopaedic Trauma”. Second annual Steven R. Hall trauma symposium, Optimal trauma care: Nightmares in orthopaedic injuries, sponsored by St. Luke’s Hospital of Kansas City, Branson, Missouri, September 11-13, 1999

“New Directions in Orthopaedic Trauma” Association of Surgical Technologists, Missouri Chapter, Trauma: From the Scene to the ICU, Columbia, Missouri, October 1999

“Management of Pelvic Fractures” and “Treatment of Open Fractures” St. John’s Hospital annual trauma conference, Joplin, Missouri, September 9, 2000

“Acute Fracture Management: Role of the Orthopaedic Traumatologist” David Miller Memorial trauma conference, St. John’s Hospital, Springfield, Missouri, September 29, 2000

“Surgical management of open fracture wounds”, “Antibiotics in open fractures”. Orthopaedic Trauma Association Resident’s Basic Fracture Course, San Antonio TX, October 10-14, 2000

“Intracapsular fractures of the femoral neck”, “Distal radius fracture-external fixation”, and “The spectrum of stability”, AO/ASIF Current Concepts and Advanced Course, Ponte Vedra Beach, FL, May 2001

“Advances in the treatment of Open Fractures” 7th Annual Brooke Army medical Center Trauma Symposium, San Antonio, TX, August 6-7, 2001

“Antibiotic Bead Pouch Technique” Orthopaedic Trauma Association Specialty Day Program, 2002 Annual

Meeting, American Academy of Orthopaedic Surgeons, Dallas, Texas, February 16, 2002

“Priorities in Polytrauma” and “Retrograde versus Antegrade Femoral Nailing: How to Decide” State of the Art in Orthopaedics 2002, Whistler, British Columbia, March 22 & 23, 2002

“Managing the Mangled Extremity: Amputation versus Limb Salvage” and “Pelvic and Acetabular Fracture”. Decisions in Trauma Conference, Cox Medical Systems, Springfield, MO, May 10, 2002

“Open Tibia Fracture Wounds” and videotape: “Olecranon osteotomy and distal humerus fracture exposure” AAOS Practical Techniques in Fracture Care Course, Rosemont, IL June 20-23, 2002

“Diaphyseal fractures – principles of treatment” and “The soft tissue injury – Open and closed” AO/ASIF Resident’s Course on Principles of Fracture Care, Milwaukee, WI, July 2002

“Percutaneous plate fixation of pediatric femur fractures”, AAOS course Surgical Techniques for Managing Pediatric Orthopaedic Trauma, Rosemont, IL

- October 5, 2002
- October 22-24, 2004

“External fixation, a method of relative stability” and “Care of Open Fractures”, AO/ASIF Resident’s Course on Principles of Fracture Care, Reno, NV, January 2003

“Principles of Locked Plating and Use in Distal Femur Fractures” Synthes seminar for practicing orthopaedic surgeons

- DePaul Hospital, St. Louis, MO, January 30, 2003
- Columbia, MO, April 10, 2003
- Kansas City, MO August 16, 2003

“Pre-operative Planning”, “Distal Femur Fractures – indications for surgery”, “Pelvic Fractures” and “Acetabular Fracture Treatment” AO/ASIF course for Operating Room Personnel, Branson, Missouri, April 28-30, 2003.

“Pre-operative Planning”, “Nonunion and Malunion”, and “How not to do AO”. AO/ASIF Resident’s Course on Principles of Fracture Care, Columbus, OH, July 2003

“Complex forearm fractures – tips and pearls” 5th Annual Chicago Trauma Conference, Hotel Intercontinental, Chicago, IL, August 9, 2003

“Biomechanics and engineering principles of locked plating” and “Locked plating of distal femur fractures: Indications, techniques and results” Concepts in Locked Plating: a trauma symposium, sponsored by Synthes. Kansas City MO, August 16, 2003

“Damage Control Orthopaedics” Damage Control Trauma Symposium, Lake Regional Health System, Lake Ozark, Missouri, September 13, 2003

“A break in the ring: Pelvic fracture” and “Perils of the open fracture”, 16th Annual Trauma Care Conference, St. John’s Mercy Hospital, St. Louis, MO, September 19, 2003

“Bone Graft Substitutes”, “Open Fracture Wound Management”, Case Presentation Symposium moderator, Update Course on Orthopaedic Trauma for Surgeons, Orthopaedic Trauma Association, Hotel Del Coronado, San Diego, January 15-18, 2004

“Bone – response to injury and implant”, “The soft tissue injury, open and closed”, “Acute infection after internal fixation”, AO/ASIF Resident’s Course on Principles of Fracture Care, Baltimore, January 2004.

“Fractures of the tibial pilon: Definitive ORIF” AAOS/ OTA Advanced Trauma Surgical Skills Course, San Francisco, California, March 9, 2004

“Submuscular plating for pediatric femur fracture” lecture and lab, AAOS course: Surgical Techniques for Managing Pediatric Orthopaedic Trauma, Orthopaedic Learning Center, Rosemont, IL, October 22-24, 2004

“Diagnosis and Classification of Nonunion”, Nonunion Symposium, AAOS annual meeting, Washington DC, February 25, 2005

“Update on Board Certification”, moderator: case presentation panel on Pediatric Femur Fractures, Indiana Orthopaedic Society annual meeting, Indianapolis, April 15, 2005

“Hip fracture fixation: fixed angle devices”, Cadaver demonstration of pelvic external fixation, Case discussion group: humerus fractures. Trauma 101: Fracture Care in Orthopaedics, University of Cincinnati, Covington, KY, April 29-30, 2005

“Orthobiologics 2005: What works where?”, Fracture controversies case discussion panel (*moderator*), Nonunion case panel discussion, tibial plateau fixation demonstration session, OTA Trauma Update course, St. Louis, MO, May 12-14, 2005.

“The effects of injury on soft tissue and bone” and “Malunion”. AO/ASIF Resident’s Course on Principles of Fracture Care, Indianapolis, IN, May 19-21, 2005

“Orthopaedic Emergencies” 13th Annual IU/Wishard Trauma Symposium, Indianapolis, Nov. 4, 2005

“Surgical reduction techniques”, “Biologic fixation with traditional AO implants”, and “Nonunion”. AO/ASIF Resident’s Course on Principles of Fracture Care, St. Louis MO., March 9-12, 2006.

“Long Bone Nonunion” Bone Innovation Summit, the Cleveland Clinic, Cleveland OH, May 3-5, 2006

“Treatment of Tibial Shaft Fracture – current concepts” and “Stem Cells – the Future of Fracture Surgery?”, 8th Annual Chicago Trauma Conference, Chicago, IL, July 27-31, 2006

“Posterior Wall Fractures of the Acetabulum”, “Intertrochanteric femoral osteotomy” AAOS/OTA Techniques in Orthopaedic Trauma” course, OLC, Rosemont IL, December 8-11, 2006

“Reduction techniques”, “The dreaded pilon fracture”, and “The elderly patient with fractures”, AO Principles Course, Davos, Switzerland, December 9-15, 2007

“The on call crisis in the Emergency Department: Orthopaedic Response” and “What’s new in open fracture care”, San Antonio Trauma Symposium, San Antonio, TX, August 27, 2008

Tibial Pilon Fracture, Talus Fracture, Pelvic fracture case discussions. AO Advanced course, Beijing, China, September 16-18, 2008

“Distal Humerus Fracture” lecture and cadaver dissection lab, AAOS/OTA course “Strategies and Tactics in Orthopaedic Extremity Trauma, Orthopaedic Learning Center, Rosemont IL, December 4-6, 2008

“Treatment of Heterotopic Ossification” Basic Science Forum, OTA annual meeting, San Antonio, October 12, 2011

“Geriatric fracture care: hip fractures” Eli Lilly medical coordinators meeting, Indianapolis, October 3, 2012

“Nail vs. Plate for Intertrochanteric fractures”, “Role and Technique of spanning External Fixation”, OTA Orthopaedic Trauma Boot Camp

- October 3-4, 2012, Minneapolis
- October 9-10, 2013, Phoenix
- October 15, 2014, Tampa
- October 2015, San Diego

“Clavicle Fractures: When to fix them?” OTA NP/PA course

- October 9, 2013, Phoenix AZ
- October 15, 2014, Tampa
- October 2015, San Diego

“Complications of Acetabular Fracture”, 8th International Congress of the Chinese Orthopaedic Association, Beijing, China, November 9, 2013

“Prevention of infection in the Operating Room” AAOS/NAON nurse and allied health program, New Orleans LA, March 13, 2014

“Geriatric femoral neck fractures”, “Preventing complications in intertrochanteric femur fractures” Preventing and treating infection in fracture surgery”, 18th annual southeast Orthopaedic Symposium, Destin FL, Aug 8-11, 2019

INTERNAL / LOCAL

University of Missouri General Surgery Grand Rounds, August 13, 1992, "Orthopaedic Traumatology".

Physical Medicine and Rehabilitation Grand Rounds, July, 1992, "Bone Healing".

Flight Nurse Course, January 5, 1993, "Orthopaedic Emergencies".

Plastic Surgery Didactic Conference, February 7, 1994, "Severe Lower Extremity Trauma".

Family and Community Medicine conference, February 17, 1994, "Acute Hip Fractures".

General Surgery Grand Rounds, April 13, 1994 "Extremity Trauma-Salvage versus Amputation".

Operating Room Staff Inservice, December 21, 1994, "Positioning in Injured Patients".

In-service lecture for Radiologic Technicians, December 15, 1994 and January 30, 1996, "Use of C-arm in the OR"

Family and Community Medicine Geriatric Discussion Group: "Fractures of the Hip". October 1998

General Surgery Resident Basic Science Lecture Series 2001, 2002: "Physiology of Bone and Fracture Healing"

Multidisciplinary Trauma Conference, October 23, 2001, "Pelvic Fracture"

Boone Hospital Physical Therapy Department, November 4, 2003, "Priorities in Multiple Trauma"

Indiana State Fair, Clarian Health Pavilion, August 19, 2007 "Trauma and Injury Prevention"

IU Health/ IU SOM conference on Prevention of VTE, Indianapolis, April 11, 2011, "Prevention of VTE in Orthopaedics"

Ocala Regional Hospital Trauma conference , Sept 29, 2016, " Timing of fracture fixation in multitrauma"

Box Elder County Hospital Trauma Conference, Brigham, Utah, Sept 22, 2018 " Trauma Centers, Orthopaedic Traumatology, Pelvic Fractures"

9th Annual EMS/Public Safety Conference, Weber State University, Layton, Utah, Nov. 14, 2018" Trauma Centers, Orthopaedic Traumatology, Pelvic Fractures"

GRANTS, RESEARCH SUPPORT, COLLABORATIONS

Anglen J, Hillard A, and Bagby C: Comparison of Plexipulse and Sequential Compression Dressings in Prevention of DVT in Femur Trauma. Supported by a grant from the KCI corporation. 1994 \$27,000.

Hamson K, Lowry JK, Bear L, Anglen J, and Allen W: The Use of Polycaprolactone Co-Polymer as a Bioabsorbable Fixation Implant in the Rabbit Humerus. Orthopaedic Research and Education Fund Grant 94-005. \$15,000.

Malicky ES, Anglen JO, and Gainor BG: The Efficacy of Wound Detergent and Antibiotic Solutions in Cleansing Allograft Bone and Orthopaedic Materials. Mid-America Orthopaedic Association Multipurpose Resident Grant, 1994-1995. \$4,000.

Hockman DE, Gainor BG, and Anglen JO: Irrigation Agents in Orthopaedic Wound Management. Alpha Omega Alpha student research fellowship, 1995. \$3,000.

Development and negotiation of salary support for a research resident position from Howmedica, Inc. \$30,000 annually, 1995-1997.

Anglen JO and Gainor BJ, principal investigators: Surfactants for the Disinfection of Complex Wounds. Orthopaedic Trauma Association, 1997. \$20,000.

Christensen GD, Simpson WA, Anglen JO, and Gainor BJ, principal investigators: Surfactants for the Disinfection of Complex Orthopaedic Wounds. Veterans Administration, awarded December, 1997, \$248,000 for 3 years.

Anglen JO, Principal Investigator; Burd T, Huyette D, Hendricks K, Co-Investigators. Pharmacokinetic properties, toxicity and antibacterial efficacy of polycaprolactone tobramycin rods in a rabbit osteomyelitis model. Orthopaedic Trauma Association/ AO North America grant, awarded December, 1999, \$19,552.

Retrospective Review of Implantable Bone Stimulators, ElectroBiology Incorporated, September, 2001, \$5,000

Burd T and Anglen J: Role of anabolic dietary supplementation to enhance soft tissue and fracture healing. Orthopaedic Trauma Association, October 2001, \$19,971

Anglen JO, site investigator, Vacuum assisted closure for draining postoperative hematomas, Kinetic Concepts Incorporated, January 2002, \$60,000.00

Anglen, JO, site investigator, A controlled clinical study to evaluate the safety and effectiveness of CORTOSS, a synthetic cortical bone void filler to be used for screw augmentation. Othovita, Inc., April 1, 2002, \$58, 826.00

Kazmier P, Anglen JO, Burd T, and Cook J. The role of anabolic dietary supplementation to enhance soft tissue envelop in fracture healing. Orthopaedic Trauma Association, October, 2002, \$20,000.

Anglen JO, site investigator, Vacuum assisted closure as a treatment for soft tissue injuries sustained as a result of calcaneus, tibial plateau and pilon fractures, a multicenter trial sponsored by Kinetic Concepts Incorporated, January 2003, \$60,000.00, (at University of Missouri, and at Indiana University)

Mullis BH and Anglen JO, co-PIs. Vacuum assisted closure as a treatment for draining hematoma. Multicenter trial sponsored by KCI. \$40,000 as of 9-1-2006

Stewart R, Mullis BH and Anglen JO, co-site investigators, OTA multicenter study on high energy clavicle fractures, sponsored by the OTA. 2005-

Wilhite J, Kacena M, Anglen JO. Efficacy and dose evaluation of TPO (thrombopoietin) in healing critical sized femoral defects. OTA Resident Research Grant, awarded 2008, \$10,000

Steering committee, Fluid Lavage of Open Wounds (FLOW): A Multi-Center, Blinded, Factorial Trial Comparing Alternative Irrigating Solutions and Pressures in Patients with Open Fractures. Methods Centre: CLARITY Research, McMaster University, Hamilton University. Over \$2,000,000 in funding from Canadian Institute of Health Research (CIHR), US Army Institute of Surgical Research Orthopaedic Trauma Research Program (OTRP), Association Internationale pour l'Osteosynthese Dynamique (AIOD), and Orthopaedic Research and Education Fund (OREF)

Mullis BG, Anglen JO, Kacena M, Chu G, Ertl JP. Structural and Functional Evaluation of Stainless Steel and Silicone Induced Membranes as a Graft Bed for Segmental Bone Defects. Biomedical Research Committee, Indiana University School of Medicine. 12/08 – 11/09 \$40,000

Kacena M, Chu T-MG, Anglen JO. Novel therapy for bone regeneration in large segmental defects. Department of Defense, Congressionally Directed Medical Research Programs, Peer Reviewed Orthopaedic Research Program (CDMRP PRORP) Grant OR120080 March 2013 \$1.17 M

Harris J and Anglen JO. “The Safety and Efficacy of Using Romiplostim for Bone Healing” Orthopaedic Trauma Association Resident grant program. March 2013 \$19,000

METRC (Major Extremity Trauma Research Consortium); a collaborative enterprise funded through Department of Defense and administered through Johns Hopkins University. Site Principle investigator at IU Eskenazi, 2012-2014. Projects:

1. A Prospective Randomized Trial to Assess PO versus IV Antibiotics for the Treatment of Early Post-op Wound Infection after Extremity Fractures. Approved July 2014. Site budget \$25,600
2. Prospective, Randomized Trial to Assess Fixation Strategies for Severe Open Tibia Fractures: Modern Ring External Fixators vs. Internal Fixation (FIXIT Study)

Program Expert, Grant title: Advancing the Care of Patients with Musculoskeletal Injuries Worldwide through Multi-National Research Initiatives, Principal Investigator: Mohit Bhandari, MD

Funder: Canadian Institutes of Health Research Amount: \$6,943,280

Duration: July 1, 2016 – June 30, 2024