CURRICULUM VITAE
Jeffrey Owen Anglen, M.D.

PERSONAL INFORMATION

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Family	Spouse: Diane Anglen Children: Rebecca (January 1, 1996) Sarah (October 30. 1998) Zachary (July 18, 2000) Alexandra (April 29, 2003)
Date of Birth	December 2, 1956
Place of Birth	Kansas City, Missouri

BOARD CERTIFICATION

American Board of Orthopaedic Surgery, July 1990; recertified 1998, 2008 (expires 2020)

PROFESSIONAL EXPERIENCE

2/05 – PRESENT	Professor and Chairman Department of Orthopaedics Indiana University Indianapolis, Indiana
1/03 – 1/05	Clinical Professor Department of Orthopaedic Surgery University of Missouri Health Sciences Center Columbia, Missouri
	Orthopaedic Surgeon Boone Orthopaedic Associates Columbia, Missouri

9/98 – 12/02	Associate Professor Department of Orthopaedic Surgery Chief, Orthopaedic Trauma Service University of Missouri Health Sciences Center Columbia, Missouri
7/92- 9/98	Assistant Professor Division (Department) of Orthopaedic Surgery Chief, Orthopaedic Trauma Service University of Missouri Health Sciences Center
1/92-6/92	Orthopaedic Trauma Fellow Florida Orthopaedic Institute Tampa General Hospital, Tampa, Florida
9/91-1/92	Acting Clinical Instructor, Orthopaedic Trauma Harborview Medical Center University of Washington, Seattle, Washington
7/89-9/91	Orthopaedic Surgeon Midwest Orthopaedic Clinic Kansas City, Missouri
	Assistant Clinical Professor Department of Orthopaedics University of Missouri - Kansas City
5/89-7/89	Volunteer Orthopaedic Surgeon Orthopaedics Overseas Transkei, South Africa
8/88-5/89	Orthopaedic Surgeon Physicians Associated Overland Park, Kansas

PROFESSIONAL LICENSES

Maryland	1983-1989 D31581
Kansas	1988-1991
Washington	1991
Missouri	1989 - Present R4J09
Indiana	2005 – Present 01059920A

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 (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
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

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: 1996, 1998, annually 2000 through 2010
- 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
- Indy's 125 "Top Docs", Indianapolis Monthly magazine 2007, 2009

Undergraduate
- Mystical Seven, Phi Beta Kappa, Phi Kappa Phi, Omicron Delta Kappa
- Clark Award (ATO national outstanding senior)

ATO Foundation Scholarship
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
Fellow, American College of Surgeons, 1993
Orthopaedic Trauma Association, 1993
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
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

COMMITTEES AND ADMINISTRATIVE ACTIVITIES

National

American Academy of Orthopaedic Surgeons

- 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)
- Board of Specialty Societies
    - BOS nominating committee 2008
    - BOS/BOC Professionalism committee 2008 -
    - BOS work group – IOM report on Conflict of Interest 2009
    - Secretary 2009
- 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)

Orthopaedic Trauma Association

- President, 2007

- Secretary, Board of Directors 1999-2002
- Health Policy and Planning Committee - Chairman 2000
- Newsletter and Web Site 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

American Board of Orthopaedic Surgery

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

American Orthopaedic Association

- Critical Issues Committee

American College of Surgeons

- National Committee on Trauma (ACS/COT) 2004 - 2011
- COT subcommittee on Trauma Systems Consultation
- COT subcommittee on Education
- COT subcommittee on Disaster Management (Ad Hoc)
- COT subcommittee on Verification
- Verification site reviewer
- Optimal Resources update committee 2003

ACGME

- Orthopaedic Residency Review Committee (RRC) 2008 -

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-

Missouri State Medical Association

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

Indiana Orthopaedic Society

- Board of Directors 2005-

Indiana State Department of Health

- State Trauma System Advisory Task Force 2007

University of Missouri

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
MU 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 Interim Chair, Division of Orthopaedics, July 1994 to January 1996 Orthopaedic Chairman Search Committee 1995 ER Anesthesia Policy Committee 1996 Student Curriculum Committee 1997-1999

Department of Orthopaedics	Orthopaedic Trauma Service Chief 1993- 2002 Residency Program Director, July 1, 1994 to January 1, 1996 University of Missouri Orthopaedic Alumni Association Vice-President 1996-7 Quality Assurance committee chairman 1999 Bioskills Lab Director Journal Club Chairman, 1992 to 1995

Indiana University

IUPUI	IUPUI Faculty Council 2008-2011
School of Medicine	Chairman of Orthopaedics IU Medical Group – Specialty Care Board of Directors School of Medicine Executive Committee
Wishard Hospital	Acting Chair of Orthopaedics, 2006 – 2007
Clarian Health	co-Chair of Orthopaedics, 2006- DVT/PE Prevention team, 2009 Own the Bone Osteoporosis treatment team

TEACHING, EDITORIAL And REVIEWING ACTIVITIES

Medical Journals
Journal of Orthopaedic Trauma: Editorial Board 1996 - present
Journal of the American Academy of Orthopaedic Surgeons
manuscript reviewer 1998- present
Editorial Review Board 2000- present
Deputy Editor for Trauma 2007 – present
Journal of Bone and Joint Surgery - American: consultant reviewer 2000-present
Journal of Trauma: manuscript reviewer 1998- present
Journal of the Surgical Orthopaedic Advances - Editorial Board 2001- present
Journal of Orthopaedic Research - manuscript reviewer 2001-present
Clinical Orthopaedics and Related Research – manuscript reviewer 2002 – present
Journal of Orthopaedic History – manuscript reviewer, 2008
Western Journal of Medicine - manuscript reviewer 1998
The Lancet – external clinical reviewer, 2006
Pediatric Research – manuscript reviewer, 2007
Biomed Central Musculoskeletal disorders – manuscript referee, 2007
Annals of Surgery – manuscript reviewer 2007

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
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
Orthopaedic Knowledge Online (OKO) - trauma topic reviewer 2007
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

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
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) 2008-2014

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***

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

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

Orthopaedic Trauma Association Trauma Update course for surgeons

- 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

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***

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

Orthopaedic Trauma Association Basic Science Focus Forum

- Phoenix, October 2006
- Denver, October 2008

Orthopaedic Trauma Association Trauma Fellows' course

- Boston, April 2-4, 2009

American Academy of Orthopaedic Surgeons 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***

American Academy of Orthopaedic Surgeons 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, 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

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

American College of Surgeons Clinical Congress, Chicago, IL, October 11-13, 2009
Postgraduate course chair

46^{0} Congreso Argentino de Ortopedia Y Traumatologia, Salta, Argentina 11/29 – 12/3/2009

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**

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.

AO International Fellows:

Timothy Burd (USA)	2002	
Luis Riera-Rodriguez (Spain)	2002	
Jia Zhang (China)		2006

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, principle investigator

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

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
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

1. Healy W, **Anglen J,** Wasilewski S, and Krackow K: Distal Femoral Osteotomy. *Journal of Bone and Joint Surgery - American* 70A(1):102-109, 1988.

2. **Anglen J** and Healy, W: Tibial Plateau Fractures. *Orthopaedics* 11(11):1527-34, 1988.

3. **Anglen J:** Advances in the Treatment of Calcaneus Fracture. *Missouri Medicine* 90(4):183-187, 1993.

4. **Anglen J** and Banovetz J: Compartment Syndrome in the Well Leg Resulting From Fracture Table Postitioning. *Clinical Orthopaedics and Related Research* 301:239-242, 1994.

5. **Anglen J**, Apostoles S, Christensen G, and Gainor B: The Efficacy of Various Irrigation Solutions in Removing Slime-Producing Staphylococcus. *Journal of Orthopaedic Trauma* 8(5) 390-396, 1994.

6. **Anglen J,** and DiPasquale T: The Reliability of Detecting Screw Penetration of the Acetabulum by Intraoperative Auscultation. *Journal of Orthopaedic Trauma* 8(5) 404-408, 1994.

7. Sanders R, Jersinovich I, **Anglen J**, DiPasquale T, and Herscovici D: The Treatment of Open Tibial Shaft Fractures Using an Interlocked Intramedullary Nail Without Reaming. *Journal of Orthopaedic Trauma* 8(6): 504-510, 1994.

8. Sanders R, **Anglen J**, and Mark JB: Oblique Osteotomy for Correction of Tibial Malunion. *The Journal of Bone and Joint Surgery - American* 77-A(2):240-246, 1995.

9. **Anglen J:** Decisions in Severe Extremity Trauma. *Missouri Medicine* 92(3):140-144, 1995.

10. **Anglen J,** and Blue JM: A Comparison of Reamed and Unreamed Nailing of the Tibia. *Journal of Trauma, Injury, Infection and Critical Care* 39(2):351-355, 1995.

11. **Anglen JO** and Moore, KD: Prevention of Heterotopic Bone Formation after Acetabular Fracture Fixation by Single Dose Radiation Therapy. A Preliminary Report. *Journal of Orthopaedic Trauma* 10(4):258-263, 1996.

12. **Anglen JO** and Gehrke J: Irreducible Fracture of the Calcaneus Due to Flexor Hallucis Longus Tendon Interposition. A Case Report. *Journal of Orthopaedic Trauma* 10(4):285-288, 1996.

13. **Anglen JO**, Apostoles PS, Christensen G, Gainor B, and Lane J: Removal of Surface Bacteria by Irrigation. *Journal of Orthopedic Research* 14(2):251-254, 1996.

14. Banovetz JM, Sharp R, Probe RA, and **Anglen JO**: Titanium Plate Fixation -- A Review of Implant Failures. *Journal of Orthopaedic Trauma* 10(6):389-394, 1996.

15. Moussa FW, Gainor BJ, **Anglen JO**, Christensen G, and Simpson WA: Disinfecting Agents for Removing Adherent Bacteria from Orthopaedic Hardware. *Clinical Orthopaedics and Related Research* 329:255-262, 1996.

16. Gainor BJ, Hockman DE, **Anglen JO**, Christensen G, and Simpson WA. Benzalkonium Chloride: A Potential Disinfecting Irrigation Solution. *Journal of Orthopaedic Trauma* 11(2):121-125, 1997.

17. Blue JM, **Anglen JO**, and Helikson MA: Greenstick fracture of the scapula with intrathoracic penetration: A case report. *Journal of Bone and Joint Surgery - American* 79-A(7):1076-1078, 1997

18. **Anglen JO**: Intertrochanteric osteotomy for failed internal fixation of femoral neck fracture. *Clinical Orthopaedics and Related Research 341: 175-182, 1997*

19. Lowry KJ, Hamson KR, Bear L, Peng YB, Calaluce R, Evans ML, **Anglen JO**, and Allen WC: Polycaprolactone/Glass bioabsorbable implant in a rabbit humerus fracture model *Journal of Biomedical Materials Research 36:536-541, 1997.*

20. **Anglen JO**, Marberry K, and Gehrke, J: The clinical utility of duplicate readings for musculoskeletal radiographs. *Orthopaedics 20(11):1015-1019, 1997.*

21. Moussa FW, **Anglen JO**, Gehrke JC, Christensen G, and Simpson WA: The significance of positive cultures of orthopaedic fixation devices in the absence of clinical infection. *American Journal of Orthopaedics 26(9):617-620, 1997.*

22. Tarbox BB, Conroy BP, Malicky ES, Moussa FW, Hockman DE, **Anglen JO**, Simpson WA, Adelstein EH, Christensen G, and Gainor BJ: Benzalkonium Chloride: A potential disinfecting irrigation solution for orthopaedic wounds. *Clinical Orthopaedics and Related Research, 346:255-261, 1998.*

23. **Anglen JO**, Bagby C, and George R: A randomized comparison sequential gradient calf compression to intermittent plantar compression for prevention of venous thrombosis in orthopaedic trauma patients. *American Journal of Orthopaedics, 27(1):53-58, 1998.*

24. Moore KD, Goss K and **Anglen JO**: Indomethacin versus radiation therapy for prophylaxis against heterotopic ossification in acetabular fractures. A randomized, prospective study. *Journal of Bone and Joint Surgery - British 80B(2):259-63, 1998.*

25. **Anglen JO**, Goss K, Edwards J, and Huckfeldt R: Trauma patient compliance with foot pump prophylaxis for deep venous thrombosis. *American Journal of Orthopaedics,27(8):580-582, 1998*

26. Aleto, T and **Anglen, JO**: The use of temporary transarticular external fixation across the knee and ankle. *Journal of Orthopaedic Trauma 12(6):431-434, 1998.*

27. **Anglen, JO**: Early outcome of hybrid external fixation for fracture of the distal tibia. *Journal of Orthopaedic Trauma. 13(2):92-97 ,1999*

28. Conroy BP, **Anglen JO**, Simpson WA, Christensen G, Phaup G, Yeager R, and Gainor BJ. A comparison of Castile soap, Benzalkonium chloride, and Bacitracin as irrigation solutions for complex contaminated orthopaedic wounds. *Journal of Orthopaedic Trauma 13(5):332-337, 1999*

29. Schafer SJ and **Anglen JO**: The East Baltimore Lift:. Description of a simple and effective method for reduction of posterior hip dislocation. *Journal of Orthopaedic Trauma. 13(1):56-57, 1999*

30. Burd TA, Christensen GD, **Anglen JO**, Gainor BJ, Conroy BP, Simpson WA: Sequential irrigation with common detergents - a promising new method for decontaminating orthopaedic wounds. *American Journal of Orthopaedics 28(3):156-160, 1999*

31. Blue JM and Anglen JO: Tibial shaft fractures. *Hospital Physician Board Review Manual 4(3):10-20, 1999*

32. **Anglen, JO.** Treatment of open fractures. *Hospital Physician Board Review Manual 4(4): 9-20, 1999*

33. **Anglen JO:** Distal humerus fractures. *Hospital Physician Board Review Manual 5(3): 22-31, 2000*

34. **Anglen JO** and Duncan D: The organization of orthopaedic trauma services: the *Fractoids* Survey. *Journal of Orthopaedic Trauma: 14(6):433-439, 2000*

35. Schafer SJ, Schafer LO, **Anglen JO** and Childers M. Heterotopic Ossification in Rehabilitation Patients who have had Internal Fixation of an Acetabular Fracture. *Journal of Rehabilitation Research and Development. 37(4):389-93, 2000*

36. **Anglen JO,** Perspectives on Modern Orthopaedics: Wound Irrigation in Musculoskeletal Injury. *Journal of the American Academy of Orthopaedic Surgeons 9(4):219-226, 2001*

37. Hendricks KJ, Burd TA, **Anglen JO**, Simpson AW, Christensen GD, Gainor BJ. Bacterial Synergy Between *Staphylococcus aureus* and *Pseudomonas aeruginosa* in a Rat Model of Complex Orthopaedic Wounds *Journal of Bone and Joint Surgery - American 83-A(6):855-861, 2001*

38. Burd TA, **Anglen JO**, Lowry KJ, Hendricks KJ, and Day D. In vitro elution characteristics of tobramycin from bioabsorbable polycaprolactone beads. *Journal of Orthopaedic Trauma 15(6): 424-428, 2001*

39. 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." *Clinical Orthopaedics and Related Research 392:418-425, 2001*

40. Burd TA, Lowry KJ, **Anglen JO.** Indomethacin versus localized irradiation for the prevention of heterotopic ossification following acetabulum fractures. *Journal of Bone and Joint Surgery - American 83-A(12): 1783-1788, 2001*

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Marberry K, Huyette D, Simpson A, Christensen G, Phaup JG, **Anglen JO**, and Gainor BJ. Use of Sequential Surfactant Irrigation on Human-Isolated *Staphylococcus aureus* in a Rat Model of Orthopaedic Implant Contamination. Association of Bone and Joint Surgeons meeting, New Orleans, LA, April 24, 2001

Anglen JO, Rutledge BS, Huyette DR, and Day D. Treatment efficacy of a Polycaprolactone bioabsorbable antibiotic delivery system. Orthopaedic Trauma Association 17th Annual Meeting, San Diego, CA, October 18, 2001

Anglen JO, Burd TA, Hendricks K, Harrison P. Operative results and functional outcomes of acetabulum fractures

in geriatric patients.

-Orthopaedic Trauma Association 17th Annual Meeting, San Diego, CA, October 20, 2001
- American Academy of Orthopaedic Surgeons 69th annual meeting, Dallas TX, February 14, 2002 http://www.aaos.org/wordhtml/anmt2002/sciprog/173.htm
-AOA Resident's Conference, Memphis, April 12, 2002
- Mid-America Orthopaedic Association 20th Annual Meeting, Tucson, AZ, April 24-28, 2002.
- Association of bone and Joint Surgeons 54th annual meeting, Vancouver, British Columbia, May 16, 2002

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

- AOA Resident's Conference, Memphis, April 12, 2002
- Mid-America Orthopaedic Association annual meeting, Orlando, Florida, April 28, 2008

Kanlic, E, Smith D, **Anglen J**, Morgan S, Pesantez R. Percutaneous bridge plating of pediatric femur fractures.

- American Academy of Orthopaedic Surgeons 69th annual meeting, Dallas TX, February 13, 2002
- Western Orthopaedic Association annual meeting, Maui, Hawaii, August 1-4, 2002
- Orthopaedic Trauma Association annual meeting, Toronto, Ontario, October 12, 2002
- American Academy of Pediatrics 2003 national conference and Exhibition, New Orleans, October 31, 2003

Burd TA, Hughes MS, and **Anglen JO**. Nonunion in long bone fractures associated with heterotopic ossification prophylaxis with Indomethacin following acetabular fracture fixation.

- AOA-OREF 35th Residents Conference, Memphis, TN, April 12-14, 2002.
- 49th Annual Meeting, Mid-Central States Orthopaedic Association meeting, Omaha, Nebraska, June 6-9, 2002. *21st Henry O. Marsh Award for best resident paper*.
-115th Annual AOA Meeting, Victoria, British Columbia, Canada, June 1-4, 2002. *AOA-OREF/ Zimmer Award for Best resident paper* http://www.aoassn.org/pdf/2002_AM_Presentations.pdf
- Mid-America Orthopaedic Association 20th Annual Meeting, Tucson, AZ, April 24-28, 2002. . http://www.jbjs.org/abstracts/maoa02/maoa_abs74-81.pdf
- Mid-Central States Orthopaedic Society Annual Meeting, Omaha, Nebraska, June 6-9, 2002.
- Orthopaedic Trauma Association annual meeting, Toronto, Ontario, October 12, 2002 ***Selected as one of 10 best (Highlight) papers of the meeting***
- OTA Annual Specialty Day Program, Highlight Papers session, AAOS annual meeting, New Orleans, LA, February 8, 2003

Burd TA, **Anglen, JO**, Kazmier P, Cook, JL, Hughes M. Enhanced fracture and soft tissue healing via anabolic protein supplementation.

- 8th annual meeting of the International Society for Fracture Repair, Toronto,Ontario, October 10, 2002
- 49th Orthopaedic Research Society Annual Meeting, New Orleans, Louisiana February 2-5, 2003. http://www.ors.org/Transactions/49/0512.PDF
- 19th annual meeting of the Orthopaedic Trauma Association, Salt Lake City, Utah, October 9, 2003

Borrelli J, Gregush R, **Anglen JO**, Ricci W, Engsberg 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

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, June10, 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, June10, 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, Luber 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. 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. Garceau-Wray Lectureship, IU Department of Orthopaedics, Indianapolis, IN, June 8, 2007

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, Simspon 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, April14-18, 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

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, March18-19, 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

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, June10, 2000, Branson, MO
3. Symposium: "Trauma Care Delivery – the effect of EMTALA regulations", Orthopaedic Trauma Association annual meeting, Toronto, Ontario, October12, 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. OTA Fracture Course Faculty, 46th annual Congress of the Argentinian Association of Orthopaedics and Trauma (AAOT), Salta, Argentina, December 2009

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

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 Perioerative 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. Coller 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 June20-23, 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, May12-14, 2005.

"The effects of injury on soft tissue and bone" and "Malunion". AO/ASIF Resident's Course on Principles of Fracture

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

INTERNAL

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"

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 (thrombopoeitin) 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

GRANT REQUESTS WRITTEN

Anglen, JO: "Orthopaedic Trauma Prevention and Control Data Base". Submitted to the Center for Disease Control, Grants for Unintentional Injury Prevention and Control Research. R49/CCR710142. January 1994.

Anglen JO, Banovetz J: "Comparison of Plating Methods in Cadaveric Tibiae - A Biomechanical Study" submitted to the AO North America Foundation, September 1994.
Anglen JO, and Moore KD: "Prospective Comparison of Indocin to Radiation for prevention of Heterotopic Bone after Acetabular Fracture Fixation" submitted to AO North America Foundation, September 1994.
Anglen, JO: "Orthopaedic Trauma Registry". Submitted to the Agency for Health Care Policy and Research, First Independent Research Support and Transition Award (R29), September 1994.

Anglen JO, Lowry KJ, Allen WC, Hamson K, and Day D: "The use of Polycaprolactone Antibiotic Beads as an Implantable, Absorbable Antibiotic Delivery System". Submitted to the Musculoskeletal Transplant Foundation, December 1994, Orthopaedic Research and Education Foundation, March 1995, and University of Missouri Research Board, April 1994.

Gainor BJ, Christensen GD, Anglen JO, and Simpson WA: "Desorption of Bacteria from Orthopaedic Wounds" submitted to the Musculoskeletal Transplant Foundation, June 1994.

Maurizi M, Allen WC, and Anglen JO: "Cleansing of Bacteria from Skeletal Allografts"
submitted to Musculoskeletal Transplant Foundation, June 1995.

Anglen JO, Gainor BJ, Christensen G, Simpson WA, and Moussa FW: "An animal model to study Irrigation of Contaminated Orthopaedic Wounds". Submitted to the Orthopaedic Trauma Association, June 1995, and Orthopaedic Research and Education Foundation, March 1995.

Schafer SJ, Allen WC, Anglen JO, and Corcoran M: "Prospective Comparison of Nonoperative and Operative Treatment of Acute Full-Thickness Rotator Cuff Tears" submitted to Orthopaedic Research and Education Foundation, August 1995.

Burd TA, Anglen JO, Day D, Lowry KJ, and Hendricks K: "Use of bioabsorbable antibiotic beads for treatment of musculoskeletal infection." Submitted to Orthopaedic Research and Education Foundation, 1998.

Christensen GD, Simpson JR WA, Anglen JO, Gainor BJ. "Surfactant disinfection of complex wounds" Submitted to Veteran's Administration Merit Review and to National Institute of Health, 2000.

Anglen J, Gainor BJ, Christensen GD, and Simpson WA. "Comparison of irrigation solutions to decontaminate a complex orthopaedic wound" Submitted to Orthopaedic Research and Education Foundation, 2000

Bir C, DeMaio M, Dougherty P, Parks S, Anglen J. "Development of a validated model and Initial treatment of penetrating extremity blast trauma" $750,000. Congressionally Directed Medical Research Program (CDRMP), Department Of Defense