
David E. Karges, D.O.
July 5, 2015

DAVID E. KARGES, D.O.

OFFICE ADDRESS: St. Louis University Hospital
3635 Vista Ave, Desloge Towers 7th Fl
St. Louis, MO 63110

OFFICE TELEPHONE: 314-577-8850

EDUCATION:

September 1977 to June 1981
B.A. Vertebrate Zoology

University of Washington
Seattle, WA

August 1983 to June 1987
Doctor of Osteopathic Medicine

Western University of Health Sciences
Pomona, CA

TRAINING:

July 1987 to June 1988
Oakland General – St. John’s Hospital
Detroit, MI
Rotating Internship

July 1988 to June 1992
Oakland General – St. John’s Hospital
Detroit, MI
Orthopaedic Residency

TRAINING - continued:

August 1992 to July 1993
Henry Ford Hospital
Detroit, MI
Adult Orthopaedic Trauma Fellowship

August 1993 to November 1993
Harborview Medical Center
Seattle, WA
AO Foot and Ankle Fellowship

FACULTY APPOINTMENTS:

April 20, 2010 to Present
Professor of Orthopaedics
Dept. of Orthopaedic Surgery
St. Louis University, St. Louis, MO

April 28, 2003 to April 20, 2010
Associate Professor of Orthopaedics
Dept. of Orthopaedic Surgery
St. Louis University, St. Louis, MO

May 1, 1998 to April 1, 2003
Associate Professor of Orthopaedics
Dept. of Orthopaedic Traumatology
Wayne State University, Detroit, MI

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS:

April 2003 to Present
Saint Louis University Hospital
St. Louis, Missouri
Staff Physician

April 1998-April 2003
Detroit Receiving Hospital
Wayne State University
Detroit, MI
Staff Physician/Department of Orthopaedics

November 1993 to April 30, 1998
Henry Ford Hospital
Detroit, Michigan
Senior Staff Physician, Division of Orthopaedic Traumatology

MAJOR PROFESSIONAL SOCIETIES:

American Academy of Orthopaedic Surgeons since 1995, member #35330
Orthopaedic Trauma Association, Active Member, since September 1997
American Osteopathic Association of Orthopaedics, Active Member since June 1991
St. Louis Orthopaedic Society since June 2003
AO Alumni Association since February 1994
Detroit Orthopaedic Society 1992 - 2003

LICENSURE AND BOARD CERTIFICATION:

State of Missouri: March 2003
State of Michigan: June 1987
Recertification, Board of American Osteopathic Association of Orthopaedics: May 2007
Diplomate, Board of American Osteopathic Association of Orthopaedics: May 1997

HONORS AND AWARDS:

The Best Doctors In St. Louis 2004-2012
Life Member, National Registry of Who's Who 2000, #110080
"The Best Doctors in America" Woodward/White, Inc. 8/20/98 – 2011 #144822
Distinguished Teaching Award: Department of Orthopaedics, Henry Ford Hospital; 7/93–6/94
National Award: Osteopathic Orthopaedic First Place Scientific Resident Paper 1992: "Open Reduction Internal Fixation of Intra-Articular Fractures of the Os Calcis: Preliminary Results."

SERVICE:

Journal/Editorial Activity:

1. Reviewer, Journal of the American Academy of Orthopaedic Surgeons , Official Journal of the AAOS, since 2007.
2. Reviewer, Journal of Orthopaedic Trauma, since 2007.
3. Reviewer, Journal of Trauma, Williams and Wilkins, since 1996.

State and Local Boards and Committee Memberships:

1. Membership Committee Chairman, Orthopaedic Trauma Association – AAOS 2005-2008
2. Committee Member, American Osteopathic Board of Orthopaedic Surgery Standards Setting Committee, Philadelphia, January 2004 - present.
3. Osteopathic Oral Board Examiner, American Osteopathic Board of Orthopaedic Surgery Test, Chicago, September 2003-2006.
4. AOBOS – Settings Committee and Testing Committee – 2003-2008
5. Committee Member, American Osteopathic Board of Orthopaedic Surgery Test / Recertification Committee 2006-present.
6. Committee Member, Wayne State University Orthopaedic Data Collection Committee, Detroit Receiving Hospital, Detroit, MI.
7. Orthopaedic Technology Improvement Committee, Dept. of Orthopaedics, Wayne State University.
8. Long Range Planning Committee: American Osteopathic Academy of Orthopaedics (AOAO).
9. Level 1 Trauma Quality Assessment, Henry Ford Hospital, Detroit, MI since 1993
10. Committee Member, Ford Orthopaedic Data Collection Committee, Henry Ford Hospital, Detroit, MI.
11. Committee Member, Trauma Quality Improvement Program, Henry Ford Hospital, Detroit, MI.
12. Orthopaedic Residency Directorship, Saint. Louis University, St. Louis, Missouri

RESEARCH SUPPORT:

Canadian Institutes of Health Research (CIHR)
Study to Prospectively Evaluate Reamed vs Non-Reamed Intramedullary Nails in Tibial Fracture (S.P.R.I.N.T.): A Multi-Centre Study
Detroit Receiving Hospital
NIH Funding approved on March 26, 2002 - \$750,000
2002 – 2006
P.I.: DE Karges

International Hip Fracture Collaborative (IHFRC)
Fixation Using Alternate Implants for the Treatment of Hip Fractures (FAITH.)
A Multi-Centre Study
NIH Funding \$347,154
9/15/2008 -8/31/2012
St. Louis University Hospital
P.I.: DE Karges

TEACHING RESPONSIBILITIES:

Years at St. Louis University:

May 1,2003 – Present
Professor, Department of Orthopaedic Surgery
Saint Louis University, School of Medicine

Years at Wayne State University:

May 1,1998 – April, 2003
Associate Professor, Department of Orthopaedic Surgery
Wayne State University School of Medicine
Detroit, MI

Years at Henry Ford Hospital:

Aug. 1,1992 – April, 1998
Staff Physician, Department of Orthopaedic Surgery
Henry Ford Hospital
Detroit, MI

TEACHING RESPONSIBILITIES:

Institutional

1. St. Louis University Departmental Resident Orthopaedic Trauma and Foot/Ankle lectures
May 2003- present :
2. St. Louis University Nursing, Physical Therapy Bi-Annual Foot/Ankle lectures May 2003-
present
3. Wayne St. University Departmental Resident Orthopaedic Trauma and Foot/Ankle lectures
May 1998- April 2003
4. Henry Ford Hospital Orthopaedic Resident Annual Foot and Ankle Trauma Lectures (Nov.
1993 – April, 1998) Detroit, MI.
5. Advanced Trauma Life Support (Henry Ford Hospital Sponsored) Orthopaedic Lectures
(Annual) April, 1994 – April 1998.

Michigan State University – College of Osteopathic Medicine:

Consortium for Osteopathic Graduate Medical Education

6. Fractures of the Midfoot, Talar Neck Fractures. March 1995.
7. Subtrochanteric Fractures of the Proximal Femur, The Pilon Fracture. July 1995.
8. The Treatment of Scapula Fractures and Floating Shoulder Injuries. April 1996.
9. Intra-Articular Fractures of the Os Calcis and Lisfranc Fractures of the Foot. June 1996.
10. Fractures About the Elbow. September 1997.
11. Fractures of the Talus and Tibial Pilon, July 1998.
12. Fractures of the Distal Humerus, August 1998.

Medical Students:

1. Foot and Ankle Medical Student Rotation, Fall 2011 (4 weeks rotation) - Present
2. St. Louis University Annual Musculoskeletal Anatomy Instruction Fall 2003 – Present
3. Henry Ford Hosp. Medical Student Summer Fellowship Orthopaedic Lectures June 1996-98.

Undergraduate Students:

1. Adventures in Medicine and Science (AIMS) Summer Workshop, St. Louis University Pre-Medical Students: Foot and Ankle Anatomy June 2007-2011

Visiting Professor Grand Rounds

1. 34th Annual Garceau-Wray Lectureship: University of Indiana, June 3-4, 2010
Fractures of the Calcaneus / Reconstruction of the Malunited Calcaneus Fractures
2. A.O. Visiting Professorship, Ground Rounds, Little Rock, Arkansas April 7th-8th, 2008
University of Arkansas for Medical Sciences: Fractures of the Tibial Pilon and Talus

BIBLIOGRAPHY:

Original Observations in Refereed Journals:

1. Hasselo LG, Willkens RF, Toomey HE, Karges DE,: Forefoot Surgery in Rheumatoid Arthritis: Subjective Assessment of Outcome. Foot and Ankle 8(3)148-151, December 1987.
2. Karges DE: Plantar Excision of Primary Interdigital Neuroma. Foot and Ankle 9:3:120-124, 1988.
3. Karges DE: Open Reduction Internal Fixation of Intra-Articular Fractures of the Os Calcis: Preliminary Results. J of Am Osteo Acad of Ortho 30:1, 1991.
4. Cushing B, Karges DE: Injury Severity: Better Data Through Direct Physician Entry of Anatomic Injuries. Medical Decision Making, 11S:45-48, 1991.

5. Moed BR, Karges DE: Prophylactic Indomethacin for the Prevention of Heterotopic Ossification Following Acetabular Fracture Surgery in High Risk Patients. *J of Ortho Trauma* 8:1:34-39, 1994.
6. Konrath G, Karges DE, Watson JT, Moed BR: Comparison of Results: Early vs Delayed Surgical Treatment of Severe Ankle Fractures. *J Ortho Trauma* 9:5:377-380, 1995.
7. Moed BR, Karges DE: Techniques for Reduction and Posterior Fixation of Pelvic Ring Disruptions Through the Posterior Approach. *Clin Orthop & Rel Res* 329:102-114, 1996.
8. Smith ST, Cramer KE, Karges DE, Watson JT, Moed BR: Early Complications in the Operative Treatment of Patella Fractures. *J Ortho Trauma* 11:3:183-187, 1997.
9. Konrath G, Moed BR, Watson JT, Karges DE, Cramer KE: Intramedullary Nailing of Unstable Diaphyseal Fractures of the Tibia with Distal Intra-Articular Involvement. *J of Ortho Trauma* 11:3:200-205, 1997.
10. Watson JT, Moed BR, Cramer KE, Karges DE: Comparison of the Compression Hip Screw with the Medoff Sliding Plate for Intertrochanteric Fractures, *Clin Ortho & Rel Res* 348, 79-86, March, 1998.
11. Moed BR, Subramanian S, vanHolsbeeck M, Watson JT, Cramer KE, Karges DE, Craig JG, Bouffard JA: Ultrasound for the Early Diagnosis of Tibial Fracture Healing After Static Interlocked Nailing Without Reaming, Part II: Clinical Results. *J of Ortho Trauma* 12:3:206-213, 1998.
12. Moed BR, Watson JT, Cramer KE, Karges DE, Teefey J: Unreamed Retrograde Intramedullary Nailing of Fractures of the Femoral Shaft. *J Ortho Trauma* 12(5)334-342, 1998.
13. Watson JT, Moed BR, Karges DE, Cramer KE: Pilon Fractures. Treatment protocol based on severity of soft tissue injury. *Clin Ortho & Rel Res* 375:78-90, June 2000.
14. Tornetta P, Collinge C, Karges DE: Ankle Fracture. *J Ortho Trauma* 15(4)304-306, May 2001.
15. Zmurko MG, Karges, DE: Functional Outcome of Patients Following Open Reduction Internal Fixation for Bilateral Calcaneus Fractures. *Foot and Ankle International* 23(10) 2002.
16. Karges, DE: Current Concepts For Treatment Of The Painful Flatfoot In The Elderly. *Missouri Medicine* – May/June 2005 – Vol. 102, No. 3
17. S.P.R.I.N.T. Investigators. Study to Prospectively Evaluate Reamed Intramedullary Nailing of Tibial Shaft Fractures. *JBJS (A)* Dec 2008

Books and Chapters:

1. ORIF of the Talus (Lippincott, Williams & Wilkins) Book Title. Operative Techniques in Orthopaedic Surgery Chapter 20: 690-711 (Copyright 2011)

PUBLISHED ABSTRACTS:

1. Moed BR, Karges DE: Prophylactic Indomethacin for the Prevention of Heterotopic Ossification Following Acetabular Fracture Surgery in High Risk Patients. *Ortho Trans* 18:3:725, 1994.

2. Watson JT, Karges DE, Moed BR: The Value of CT Scanning for Preoperative Evaluation of the Tibial Plateau Fracture. *Ortho Trans* 18:3:729, 1994.
3. Karges DE, Watson JT, Moed BR, Konrath G: Comparison of Results: Early vs Delayed Surgical Treatment of Severe Ankle Fractures. *J Orthop Trauma* 9(5):377, 1995.
4. Karges, DE: Operative Treatment of Open Articular Fractures of the Os Calcis: Preliminary Results. *Foot and Ankle* 19(3) 1995.
5. Moed BR, Subramanian S, van Holsbeeck M, Watson JT, Cramer KE, and Karges DE: Ultrasound for the Early Diagnosis of Tibial Fracture Healing After Unreamed Interlocked Nailing. *Orthopaedic Transactions* 20(3) 1996.
6. Cramer KE, Smith S, Karges DE, Watson JT, Moed BR: Operative Treatment of the Patella Fractures: Early Complications. *Orthopaedic Transactions* 20(3) 1996.
7. Karges DE, Cramer KE, Kapotas J: Immediate versus Delayed Operative Management of Fractures of the Neck of the Talus. *Orthopaedic Transactions* 21(3) 1997.

PRESENTATIONS:

Invited and/or Refereed Internationally and Nationally:

1. The Trauma Register. Computer Data Collection Workshop. Burman W, Karges DE. *Ortho Trauma Assoc*, Toronto, 1991.
2. Prophylactic Indomethacin for the Prevention of Heterotopic Ossification Following Acetabular Fracture Surgery in High Risk Patients. Moed BR, Karges DE. *Inter Conf on Pelvic and Acetabular Fractures*, Pittsburgh, PA, 1992.
3. The Value of CT Scanning for Preoperative Planning of Tibial Plateau Fractures. Karges DE. *Ortho Trauma Assoc*, New Orleans, LA, 1993.
4. Open Reduction Internal Fixation of the Intra-Articular Fractures of the Os Calcis: Preliminary Results. Karges DE. *Ann Am Osteo Acad of Ortho*, Scottsdale, AZ, 1993.
5. Prophylactic Indomethacin for the Prevention of Heterotopic Ossification Following Acetabular Fracture Surgery in High Risk Patients. Moed BR, Karges DE. *Ortho Trauma Assoc*, New Orleans, LA, 1993.
6. The Value of CT Scanning for Preoperative Evaluation of Tibial Plateau Fractures. Watson JT, Karges DE, Moed BR. *AAOS 61st Ann Mtg*, New Orleans, LA, February, 1994.
7. Operative Treatment of Open Articular Fractures of the Os Calcis: Preliminary Results. Karges DE, Benirschke S, Sangeorzan B. *Ortho Trauma Assoc Ann Mtg*, Los Angeles, CA, September, 1994.
8. Lab (Workshop): Calcaneus/Talus, *Ortho Trauma Assoc*, Los Angeles, CA, September, 1994.
9. Delayed Versus Immediate Treatment of Severe Ankle Fractures: A Retrospective Review of 202 Cases. Karges DE, Konrath G, Watson JT, Moed BR. *Ortho Trauma Assoc Ann Mtg*, Los Angeles, CA, September, 1994.
10. Comparison of Results: Immediate vs Delayed Surgical Treatment of Ankle Fractures. Karges DE, Watson JT, Moed BR, Konrath G. *AAOS 62nd Ann Mtg*, Orlando, FL, February, 1995.
11. Ultrasound for the Early Diagnosis of Tibial Fracture Healing After Unreamed Interlocked Nailing. Moed BR, Subramanian S, vanHolsbeeck M, Watson JT, Cramer KE, Karges DE. *Ortho Trauma Assoc Ann Mtg*, Tampa, FL, September, 1995.

12. Operative Treatment of Patella Fractures: Early Complications. Cramer KE, Smith S, Watson JT, Moed BR, Karges DE. Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995.
13. Recurrent Elbow Dislocations: Management with a Temporary Transarticular Screw. Cramer KE, Karges DE, Watson JT, Moed BR. Poster Presentation. Ortho Trauma Assoc Ann Mtg., Tampa, FL, September, 1995.
14. Karges DE, Cramer KE, Kapotas J: Immediate versus Delayed Operative Management of Fractures of the Neck of the Talus. AAOS 65th Ann Mtg, New Orleans, LA, 1998.
15. Guest Lecturer: AO Podiatric Comprehensive Course. Fractures of the Fibular Malleolus, and Intraarticular fractures of the Calcaneus: Colorado Springs, CO, October 21-22, 1998.
16. Lecturer: Controversies in the Management of Open Fractures, American Academy of Orthopaedic Surgeons 1999 Annual Meeting, Anaheim, CA, February 6, 1999.
17. 10th Annual Current Concepts in Trauma Care: Pediatric Femur Fractures – Plating vs. IM Nails; Snowbird, Utah, March 10, 1999.
18. American Osteopathic Academy of Orthopaedics 39th Annual Postgraduate Seminar; Scottsdale, AZ, May, 1999.
19. 72nd Annual Clinical Assembly of Osteopathic Specialist. (AOAO). Seattle, WA, October, 1999.
20. Ankle Fractures. OTA Annual Meeting/1999 Residents Basic Fracture Course. Charlotte, NC, October, 1999.
21. Open Reduction and Internal Fixation and Calcaneus Fractures. Current Controversies and Trends in Orthopaedic Trauma Management Course. Tucson, AZ, March, 2000.
22. Polytrauma and Fractures of Immobilization. AOAO Annual Postgraduate Seminar, Lake Buena Vista, FL, May, 2000.
23. Guest Speaker: Podiatric Advanced Course. AO ASIF, Ft. Lauderdale, FL, June, 2000.
24. Trauma Workshop Series 2000. New Techniques in Fracture Management. External Fixation – Foot and Ankle. Cost Mesa, CA, June, 2000.
25. Periarticular Fractures of the Lower Extremity. 6th Annual Trauma Symposium, San Antonio, Texas, August 2000.
26. Ankle Fractures. OTA 16th Annual Meeting/2000 Residents Basic Fracture Course. San Antonio, TX. October, 2000.
27. Speaker: 15th Annual Vail Orthopaedic Symposium - Trauma Update Course. Vail CO. January, 2001.
28. Ankle Fractures: OTA Annual Meeting / 2001 Residents Basic Fracture Course. San Diego, CA. October 17 - 20, 2001.
29. Guest Speaker: Podiatric Comprehensive Course. AO ASIF. Tucson, AZ. November 1-4, 2001.
30. 12th Edition of the Emergencies in Medicine - Pitfalls and Initial Management of Orthopaedic Injuries: Upper and Lower Extremities. Park City, Utah. March 3 - 8, 2002.
31. AO ASIF Principles of Fracture Management and Advanced Controversies in Fracture Care Course. Intramedullary Nailing of Supracondylar Femur Fractures, Intramedullary Nailing: Antegrade vs. Retrograde and External Fixation / Internal Fixation. Sun Valley, Idaho. March 17 - 22, 2002.
32. Fractures and Dislocations of Lisfranc Joint; OTA 18th Annual Meeting / Resident's Basic Fracture Course. Toronto, Ontario Canada October 11 - 13, 2002.

33. Ankle / Foot Fractures: Review and Update for Practicing Orthopaedic Surgeons. Washington, DC November 15 - 17, 2002.
34. Open Percutaneous Fixation of the Os Calcis; Zimmer Ortho Trauma Update Lecture. Pasedena, CA. September 19, 2003.
35. Tarsometatarsal Injections; OTA 19th Annual Meeting / Resident's Course Lecture. Salt Lake City, UT. October 10, 2003.
36. Course Faculty: Emerging Trends Whistler 2004 Orthopaedic Symposium, Lower Extremity Update. Whistler, BC, Canada. February 28, 2004
37. Course Faculty: Twenty-Second Annual Emergencies in Medicine. Park City, Utah. March 1-3, 2004.
38. Course Faculty: AO ASIF Fracture Management & Advanced Controversies in Fracture Care Courses. Marco Island, Florida. June 6-11, 2004.
39. Course Faculty: AO ASIF Principles of Fracture Management for Residents. Little Rock, Arkansas. October 27-31, 2004.
40. Course Faculty: 2004 Trauma Residents Course. Newport, Rhode Island. November 5-7, 2004
41. Course Faculty: 2004 Trauma Update Course. New York, New York. December 3-4, 2004.

Invited and/or Refereed Locally/Regionally:

1. Initial Management of Orthopaedic Injuries. Karges DE. Regional Osteopathic Trauma Conf, Oakland General Hospital, October, 1989.
2. Operative Treatment of Open Articular Fractures of the Os Calcis: Preliminary Results. Karges DE, Benirschke S, Sangeorzan B. Mich Ortho Soc Ann Summer Mtg, Mackinac Island, MI, June 1994.
3. Application of a Complex External Fixator in the Treatment of Hindfoot Trauma. Poster Presentation: Karges DE. Mich Ortho Soc Ann Summer Mtg. Mackinac Island, MI, June, 1994.
4. Retrograde Intramedullary Nailing of Fractures of the Femoral Shaft: The Next Step. Moed BR, Watson JT, Cramer KE, Karges DE. Mich Ortho Soc Ann Summer Mtg, Louisville, KY, October 1997.
5. Karges DE, Cramer KE, Kapotas J: Immediate versus Delayed Operative Management of Fractures of the Neck of the Talus. Mich Ortho Soc Ann Summer Mtg, Mackinac Island, MI, June 1998.
6. Lis Franc and Calcaneal Fractures: Trauma of the Foot and Ankle Surgical Skills Course; ACFAS, Rosemont, IL, March, 1999.
7. Calcaneal and Malleolar Fractures: The American College of Foot and Ankle Surgeons. A Meeting of the Minds. Chicago, IL, July, 1999.
8. Fractures of the Talus: Practical Techniques for Improved Fracture Management. AAOS (OLC), Rosemont, IL, November, 1999.
9. Calcaneal Fractures: Operative vs. Non Operative Management. Practical Techniques for Improved Fracture Management. AAOS OLC, Rosemont, IL, May, 2000
10. Lis Franc Joint Fracture Dislocation: Trauma of the Foot and Ankle. ACFAS, Pittsburgh, PA, July, 2000.
11. Panel Discussions: Harborview Orthopaedic Alumni Scientific Symposium 2000.

Seattle, WA, July, 2000.

12. Calcaneal Fractures: Trauma Update Course. New York City, NY. December 1, 2001.
13. External Fixation in Foot and Ankle Surgery. Podiatry Institute and ACFAS, Chicago, IL June 6-8, 2002.
14. Calcaneal Fractures: Podiatry Institute and ACFAS, Chicago, IL June 6-8, 2002.
15. Management of Infection in Foot and Ankle Surgery. Podiatry Institute and ACFAS, Chicago, IL June 6-8, 2002.
16. Calcaneal Fractures: 2002 Trauma Update Course. New York, NY. December 14, 2002.

Invited Seminars or Lectures Presented:

1. Program Chairman: Current Concepts in Internal Fracture Fixation, Howmedica Fracture Course, Department of Orthopaedic Traumatology, Henry Ford Hospital, Ritz-Carlton, Dearborn, MI, June, 1994.
2. Course Faculty: Indications and Clinical Experience with Reamed vs Unreamed Tibial Nails, Current Concepts in Internal Fracture Fixation, Howmedica Fracture Course, Department of Orthopaedic Traumatology, Henry Ford Hospital, Ritz-Carlton, Dearborn, MI, June, 1994.
3. Course Faculty: Treatment of the Pilon Fracture Using the Ilizarov Method, Wayne State University School of Medicine, Detroit, MI, October, 1994.
4. Course Faculty: AO/ASIF Orthopaedic Residents' Basic Course, AO North America, Ypsilanti, MI, October, 1995.
5. Lecturer: Ankle Fractures, AO/ASIF Orthopaedic Residents Basic Course; AO North America, Ypsilanti, MI, October, 1995.
6. Course Faculty: Fractures of the Calcaneus and Injuries to the Tarsometatarsal Joints of the Foot, Zimmer Trauma Update, New York, December 8-9, 1996.
7. Course Faculty: AO/ASIF Orthopaedic Residents' Basic Course, AO North America, Madison, WI, August, 1997.
8. Guest Lecturer: Metaphysical Fractures of the Proximal Tibia, Botsford General Hospital Orthopedic Alumni Meeting, June 19, 1998.
9. Guest Lecturer: Retrograde Nailing of the Femur. Botsford General Hospital Orthopedic Alumni Meeting, June 19, 1998.
10. Orthopaedic Grand Rounds at William Beaumont Hospital. Pilon Fractures. Royal Oak, MI, September, 1999.
11. Guest Lecturer: Calcaneal and Ankle Fractures. University of Michigan, Taubman Center, Ann Arbor, MI, October 16, 1999.
12. Guest Lecturer: Ankle Fusions. COGMET – Michigan State University, East Lansing, MI, May, 2000.
13. Guest Speaker: Variance of Pilon Fractures Associated with Sports Injuries. Lisfranc's Fracture in the Athlete. COGMET - Michigan State University, East Lansing, MI. September 13, 2000.
14. Guest Speaker: Lis Franc Fractures. DMC Podiatric Surgery – Current Updates In: Trauma Management. Hutzel Hospital, Detroit, MI. September 16, 2000.

15. Guest Lecturer: Residency Lecture Series: Ankle fractures and Lisfranc fracture dislocations. Huntington Podiatric Surgical Residency Program, Huntington, WV. March 24, 2001.
16. Guest Speaker: Ankle Fractures / Pilon, Midfoot fractures and Lisfranc fractures. Emergency Medicine Grand Rounds, Detroit Receiving Hospital, Detroit, MI. May 24, 2001.
17. Guest Lecturer: Core Trauma Lecture - Open Fracture and Compartment Syndrome. Wayne State University, Department of Orthopaedic Surgery Grand Rounds, Detroit, MI. July 25, 2001.
18. Guest Lecturer: Wayne State University, Anatomy Lecture, Scott Hall, Detroit, MI. November 7 & 8, 2001. Guest Lecturer: External Fixators. Hutzell Hospital Podiatry Resident Lectures. Hutzell Hospital Auditorium, Detroit, MI. November 10, 2001.
19. Guest Speaker: Specialty Conference - The Foot. Wayne State University Department of Orthopaedic Surgery Grand Rounds, Detroit, MI. November 21, 2001.
20. Guest Lecturer: Basic Science Lecture - Gross Anatomy of the Foot and Ankle. WSU Department of Orthopaedic Surgery Grand Rounds, Detroit, MI, May 8, 2002.
21. Guest Lecturer: Foot and Ankle Exam Emergencies. Emergency Medicine Grand Rounds. Detroit Receiving Hospital, Detroit, MI, May 30, 2002.
22. Guest Lecturer: Trauma Lecture - Open Fractures and Compartment Syndrome. WSU Department of Orthopaedic Surgery Grand Rounds, Detroit, MI, July 24, 2002.
23. Guest Faculty: Hindfoot Reconstruction - Malunion / Nonunion. The University of Kansas School of Medicine-Wichita Grand Rounds. Wichita, KS, August 30, 2002.
24. Instructional Course Lecture: Subtrochanteric and Intertrochanteric Fractures of the Femur. AAOS 70th Annual Meeting, New Orleans, LA, February 5-9, 2003.
25. Course Faculty: Calcaneal Fractures. 2003 Zimmer Pasadena Trauma Course, Pasadena, CA, September 19-21, 2003.
26. Course Faculty: Calcaneal Fractures. 2003 Slack New York Trauma Update Course, New York, NY, December 5-6, 2003.
27. Course Faculty: Lower Extremity Trauma Update – Whistler, BC, Canada – February 28, 2004
28. Annual Emergencies in Medicine Meeting – “Orthopaedic Emergencies and Pitfalls” Park City, Utah, February 29 thru March 5, 2004.
29. IAOS Spring Meeting – “Current Issues in Orthopaedic Surgery, Springfield, IL, May 8, 2004.
30. AO ASIF Fracture Management & Advanced Conversies in Fractures – Course Participant – Marco Island, FL. June 6 thru 11, 2004.
31. Harborview Scientific Symposium – Moderator “Spanning External Fixation – The Survival Tool for the Traumatologist: Pitfalls & Problems – Seattle, WA – July 16 & 17, 2004.
32. AO North America ASIF Fracture Management for Residents – Little Rock, AK October 27-31, 2004.
33. 19th Annual Vail Ortho Symposium – Trauma Update “Malunion/Nonunion of the Hindfoot – Vail, CO January 20 thru 23, 2005.
34. Treatment of Options for Difficult Fractures: A New Technology Symposium – “Internal Fixation of the Upper Extremity” St. Louis, MO – March 19, 2005.
35. Masters Fracture Forum: Nonunion of the Hindfoot – Dana Pte, CA – April 27-30, 2005.

36. Orthopaedic Trauma Association – Fracture Management and Emergencies – St. Louis, MO – May 13-15, 2005.
37. OTA Annual Meeting – Ottawa, Canada – October 19-22
38. OTA Resident's Basic Course. TMT Injuries of the Midfoot, Ottawa, Canada
39. 2005 Zimmer Resident Program – Trauma Course – Pasadena, CA – November 4-6, 2005.
40. AO North America – Podiatric Comprehensive Course – Portland, OR – November 16-20, 2005.
41. 2005 Zimmer Resident Program – Trauma Course – NY, NY – December 4-6, 2005.
42. Healthstream/Zimmer 20th Annual Vail Orthopaedic Symposium – Vail, CO. – January 19-23, 2006
43. Masters Fracture Forum: Nonunion of the Humerus – Dana Pte, CA – April 27-30, 2006.
44. AO North America ASIF Advanced Course – Toronto, Canada November 14th-17th, 2006.
45. A.A.O.S. Annual Meeting San Diego, CA. February 14th-19th 2007
46. OTA Advanced Residents Course Chicago IL- March 30th -April 1st 2007
47. A.O. North America Operating Room Personnel Courses Principles and Advanced Branson Missouri -April 13th-14th 2007
48. OTA 23rd Annual Meeting Boston M.A.- October 19th-20th 2007
49. Basic Principles & Techniques of Operative Fracture Management Course for Residents - Salt Lake City Utah October 25th -28th 2007
50. A.O.B.O.S. Standard Setting Committee Meeting Philadelphia PA- November 7th-9th 2007.
51. A.O. Courses Davos Switzerland -December 8th -16th 2007.
52. Co-Chair A.O. North America Basic Course- Houston, Tx. February 20th-23rd 2008
53. OTA 75th Annual Meeting San Francisco, CA.-March 5th-9th 2008
54. American Osteopathic Academy of Orthopaedics 2009 Academy Meeting. Co-Chair Foot and Ankle Symposium May 1, 2009: Reconstruction of the Problem Ankle
55. AOA Annual Meeting, Las Vegas, Nevada April 30-May 4 2009
Reconstruction of the Problem Ankle Fracture
56. AO Principles and Techniques of Operative Fracture Management, May 6-9, 2009
Indianapolis, Indiana: Fractures of the Femur / Ankle Fractures Talk and Lab
57. Zimmer Orthopaedic Trauma Symposium, Philadelphia, PA June 7-9, 2009
Fractures of the Proximal Humerus and Fractures of the Tibial Pilon
58. Latest Techniques in Foot and Ankle Surgery, St. Louis, MO June 12-13 2009
Practical Anatomy and Surgical Education Lab, St. Louis University: Lateral Ankle Ligament Reconstruction and Peroneal Tendon Repair
59. AOA Annual Meeting, Boston, Massachusetts October 8-11, 2009
Fracture Care in the Elderly
60. AO Basic Principles and Techniques of Operative Fracture Management, Ft Lauderdale, FL: September 15-18, 2010 External Fixation Principles / Fractures of the Pilon

61. AO Basic Principles and Techniques of Operative Fracture Management, Toronto, Ontario November 3-7, 2010 Management of Open Fractures / Tibial Plateau Fractures
62. AO Operating Room Personnel Advanced Course: Seattle, WA November 12-13, 2010 Fractures of the Proximal Femur / Lower Extremity Soft Tissue Trauma
63. AO Operating Room Personnel Advanced Course: Minneapolis, MN April 16-17, 2011 Compartment Syndrome of the Leg / Damage Control Orthopaedics
64. AO Basic Principles and Techniques of Operative Fracture Management: Chicago, IL July 29- August 2, 2011 Fractures of the Ankle / Practical Labs of Ankle