
J. Tracy Watson, M.D.
June 7, 2017

J. TRACY WATSON, M.D.

OFFICE ADDRESS: Saint Louis University
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3635 Vista Avenue, Seventh Floor
St. Louis, Missouri 63110-0250

PLACE OF BIRTH Ten Sleep , Wyoming

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EDUCATION:

September 1973 to June 1977, B.S. with High Honors, Zoology & Physiology
University of Wyoming
Laramie, Wyoming

September 1977 to June 1981, M.D.
Creighton University School of Medicine
Omaha, Nebraska

TRAINING:

July 1981 to June 1982
Cleveland Clinic Foundation
Cleveland, Ohio
General Surgery Internship

July 1982 to June 1986
Cleveland Clinic Foundation
Cleveland, Ohio
Orthopaedic Surgery Residency

July 1986 to Jan 1987

University of Texas Health Science Center/Parkland Hospital
Dallas, Texas
Orthopaedic Traumatology Fellowship

Jan 1987 to August 1987

Kantonspital, St. Gallen, Switzerland and
Technical University, Reich's der Issar, Munich, West Germany
Swiss Association for Osteosynthesis (A/O) International Fellowship

September – November 1989

All Union Kurgan Scientific Center for Reconstructive Traumatology
and Orthopaedics
Kurgan, Siberia, U.S.S.R.
Fellowship - Ilizarov Techniques

FACULTY APPOINTMENTS:

March 2003 to Present

Tenured Professor, Orthopaedic Surgery, Saint Louis University
Chief, Orthopaedic Trauma services SLU and Mercy Hospitals
Fellowship Director, Orthopaedic Traumatology

Currently: Chief Orthopaedic Service Line St. Louis University Hospital

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS:

Current affiliation

March 2003 to Present

Saint Louis University Hospital

2007 to present

Mercy Hospital and Health center

St. Louis University Orthopaedic Trauma service

Previous affiliations

July 2003 to 2007

Des Peres Hospital,
St. Louis, MO

May 1998 to March 2003

Detroit Medical Center

Detroit Receiving Hospital and University Health Center

Vice-Chief, Department of Orthopaedics

Orthopaedic Traumatology

January 1991 to May 1998
Henry Ford Hospital
Detroit, MI
Senior Staff Physician, Division of Orthopaedic Traumatology

January 1988 to December 1990
St. Vincent Charity Hospital
Cleveland, Ohio
Chief, Fracture and Orthopaedic Trauma Service

July 1988 to December 1990
Cleveland Clinic Foundation
Cleveland, Ohio
Director, Orthopaedic Trauma Referral Service
Staff Orthopaedic Surgeon

MAJOR PROFESSIONAL SOCIETIES:

Phi Beta Kappa 1977
National Board of Medical Examiners since 1982
American Academy of Orthopaedic Surgeons since 1991
Mid America Orthopaedic Association
North American A.S.A.M.I. since 1988 *Founding Charter member*
Orthopaedic Research Society since 1986
Orthopaedic Trauma Association since 1992
Saint Louis Orthopaedic Society 2003
American Orthopaedic Association 2003
Foundation for Orthopaedic Trauma 2005 *Founding Charter member*
National Trauma Institute 2009 -2011 Board member *Founding Charter member*

LICENSURE AND BOARD CERTIFICATION:

State of Missouri since March 2003
State of Michigan since 1991
State of Ohio since 1987
Certified, American Board of Orthopaedic Surgery since July 21, 1989
Recertification, American Board of Orthopaedic Surgery, July, 1998, 2009

HONORS AND AWARDS:

Cleveland Clinic Foundation, Department of Orthopaedic Surgery, Distinguished Teaching Award, 1987-88 and 1989-1990.
Henry Ford Hospital, Department of Orthopaedic Surgery, Distinguished Teaching Award, 1991–1992. 1992- 1993.
St. Louis University, Department of Orthopaedic Surgery, Distinguished Teaching Teaching Award, 2005-2006.
Cleveland Clinic, George & Grace Crile Traveling Fellowship Award, 1986
Cleveland Clinic, International Travelling Fellowship Award, 1986
A/O International Fellowship Grant, 1987
Named to list of “Americas Best Doctors,” 1995, 1998, 2000, 2002, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014. 2015
Named to “Orthopedics This Week Top 25 US Orthopedic Traumatologists” list! October 31st, 2012
Selected to AOA Honorarium 2003

SERVICE:

Journal/Editorial Activity:

1. Editorial Review Panel, *Journal of Trauma*, since 1995
2. Editorial Review Panel, *Clinical Orthopaedics and Related Research*, since 1996
3. Editorial Review Panel, *Journal of Orthopaedic Trauma*, since 1995
4. Editorial Review Panel, *Journal of Musculoskeletal Medicine*, since 1991
5. Editorial Review Panel, *Journal of Bone and Joint Surgery*, since 2008
6. Editorial Board **Trauma Section Editor** Orthopaedic Knowledge Online, AAOS since 2001
7. Editorial Review Panel, *Bone*, since 2004
8. Editorial Review Panel, *Medical Principles and Practice* 2004
9. Editorial Review Panel, *Current Orthopaedic Practice* 2008
10. American Board of Orthopaedic Surgery ... Certification board test questions panel 2008-2011
11. Editorial Board, Trauma review section. *Orthopaedics Today*

National and International Boards and Committees:

1. Secretary-Treasurer; Association for the Study and Methods of Ilizarov (ASAMI) of North America, 1997–2001. Founding charter member.
2. Program Committee 1996–1999; Orthopaedic Trauma Association Annual Meetings.
3. Member; OTA Fellowship & Career Choices Committee, 2001–2004. Chairman, 2004-2007, Special Board Appointment 2013,
4. OTA Orthobiologics Position paper Committee 2004-06
5. Foundation for Orthopaedic Trauma, Board of Directors, 2005-2009
6. Foundation for Orthopaedic Trauma, Chief financial Officer 2006-2009

7. Past President....Orthopaedic Trauma Association 2008 - 2009.
8. National Trauma Institute (NTI) Board of Directors, 2008-2011
9. AAOS Technology Task force reviewer: Overview on synthetic bone void fillers...review and levels of evidence and treatment recommendations June 2009-2010 published guidelines March 2010.
10. American Institute of Biological Sciences program review panel
Peer review of Combat Casualty Care Research Program
Regenerative Medicine Research Program
U.S. Army Institute of Surgical Research, San Antonio, TX .June 2009
11. OTA Fund development committee member 2012-2016.
12. Biological Implants Committee of the AAOS 2013-2016 , *Chair 2016-2019*

Hospital /Departmental Boards and Committees:

1. Orthopaedic Surgery Service Line Chief, St. Louis University Hospital 2015-present
2. Medical Executive Committee. St. Louis university Hospital . 2016-2019.
2. Research Committee, Saint Louis University Dept. Orthopaedic Surgery 2005-present
Cleveland Clinic Foundation, Dept. Ortho Surgery 1987-1991
3. Tenure and Promotions Committee, Dept of Orthopaedics 2005- present
St. Louis University
4. Trauma Peer-Review Committee, Saint Louis University Hospital Trauma Services
5. Trauma Program Operational Process Program committee 2005-present
6. Operating Room Committee St. Louis University Hospital 2007- present
7. Residency Selection committee SLU Dept. Orthopaedic Surgery 2003-2006
Henry Ford Hospital 1992-1996
Cleveland Clinic Foundation 1987-1990
8. Clinical Monitor: Orthopaedic Wound Registry, Department of Orthopaedic Surgery,
Cleveland Clinic Foundation, Cleveland, Ohio, 1987–1990.
9. Chairman, Musculoskeletal Patient Care Committee, Cleveland Clinic Foundation,
1988–1990.

PREVIOUS ACADEMIC APPOINTMENTS TEACHING:

1. Professor, Orthopaedic Surgery, Wayne State University
May 1998 to March 2003
2. Henry Ford Hospital Orthopaedic Residency Program, Associate Professor,
University of Michigan 1991-1998
3. Cleveland Clinic / Case Western Reserve Orthopaedic Education Program 1987–1990.
Clinical faculty. Cleveland Clinic Lerner College of Medicine
4. Cleveland Clinic Orthopaedic residency program
5. University of Texas Health Science Center Dallas. Instructor, Dept of Orthopaedic
Surgery 1986-87

GRANT SUPPORT:

1. Cleveland Clinic Foundation
Systemic Trace Metal Levels and Effects of Metallic Porous Materials Used as
Prosthetic Orthopaedic Implants in Dogs
\$20,000
RPC # 1330
1983–1986
P.I.'s: J. T. Watson and B. N. Stulberg
2. Cleveland Clinic Foundation and Johnson & Johnson
A Canine Model of Knee Arthroplasty with Porous Beaded Surfaces
\$45,000
RPC #1517
1983–1988
P.I.'s: J. T. Watson, B. N. Stulberg, T. W. Bauer
3. Cleveland Clinic Foundation
Load Distribution Across the Elbow: Effect of Radial Head Resection and
Prosthetic Replacement.
\$5000
RPC #1980
1987–1988
P.I.'s: D. M. Gaisser, G. Weiker, J.T. Watson
4. Cleveland Clinic Foundation and Osteonics, Inc.
TDMAC/Oxycillin in Preventing Implanted Staph Aureus Osteomyelitis
\$25,000
RPC # 2507
1988–1989
P.I.'s: T. W. Bauer, J. T. Watson
5. Cleveland Clinic Foundation and Osteonics, Inc.
Evaluation of a Composite Synthetic Bone Graft Material
\$15,000
RPC # 2727
1990–1991
P.I.'s: J. T. Watson, B. N. Stulberg, T. W. Bauer

6. Cleveland Clinic Foundation and Synthes U.S.A.
A Biomechanical Model for Evaluation of Distal Radius Fracture Fixation
\$4,000
RPC # 2722 1990
P.I.'s: J. T. Watson, M. T. Bloomstine
7. Cleveland Clinic Foundation and U.S. Surgical Corp.
HTR (Hard Tissue Replacement) for Cancellous Bone Defect Augmentation
\$10,000
RPC # 3007
1989–1991
P.I.'s: J. T. Watson, B. N. Stulberg, T. W. Bauer
8. Cleveland Clinic Foundation
The Biomechanical Properties of Regenerate Bone Creating Using Ilizarov
Techniques.
\$12,500
RPC # 3159
1990–1991
P.I.'s: J. T. Watson, M. S. Schickendantz
9. Henry Ford Hospital (Approved But Not Funded)
Biomechanical and Clinical Comparisons of Distraction Osteogenesis Regenerate
Bone Properties Utilizing Plain Radiographs, Quantitative CT, Bone
Densitometry (DXA) and Ultrasound
1991–1995
P.I.'s: J. T. Watson, D. Cody, M. vanHolsbeeck, D. Fyhrie
10. Henry Ford Hospital
Effect of Cyclic Microshear on Fracture Healing in the Rabbit Tibia
1993–Present
\$30,000
P.I.'s: J. T. Watson, P. Sauer, J. Dietz
11. Henry Ford Hospital
Transcutaneous Oxygen Measurements as an Indicator of Soft Tissue Trauma
Severity
1992–1995
\$7,000 P.I.'s: J. T. Watson, J. Gurley

12. Henry Ford Hospital
Microcrack Detection and Analysis in Rabbit Tibiae Following Screw Insertion and Axial Loading.
1993
\$20,000
P.I.'s: S. Hoshaw, Ph.D., J. T. Watson
13. Henry Ford Hospital
Effects of Mechanical Loading on Rat Cancellous Bone.
1993–1995
P.I.'s: D. Fyhrie, Ph.D., S. Hoshaw, Ph.D., J. T. Watson
14. Henry Ford Hospital and Smith and Nephew Richards Grant
Oxygen Tension of the Periosteal and Subcutaneous Tissues During Distraction Lengthening.
\$25,000
1995
P.I.'s: J. T. Watson, S. Ripple
15. Medpack Grant
DHS vs. Medhoff Plate Fixation for Unstable Intertroch Hip Fracture
\$7,000
1995
P.I.: J. T. Watson
16. Smith and Nephew Richards Grant
Biomechanical Evaluation of Tibial Plateau Fixation with Tensioned Wire Fixators
\$8,500
1995
P.I.'s: J. T. Watson, S. Ripple, S. Hoshaw, Ph.D., J. Wagner
17. Stryker Biotech Grant
A Treatment Study of the OP-1 Device in Long Bone Nonunions - Multicenter Trial
Budget \$1500 per pt
1995–1999
P.I.: J. T. Watson

18. Henry Ford Hospital Grant
External Fixation Pin Tract Analysis With Revision Surgery
\$4000 P.I.'s: J. T. Watson, M. Occhietti
1996
19. Wright Medical Grant
Evaluation of Calcium-sulfate Osteoset Bone Graft Substitutes- Multicenter Trial.
Statistical Analysis and Osteoset provided
1997–2003
P.I.: J. T. Watson , B.R. Moed
20. Henry Ford Health System Grant
Measurement of Tibial Fracture Gap Motion in Patients with External Fixators:
Micromotion and Gait Analysis.
1996–1998
P.I: J.T. Watson, S. Tashman, R.B. Boyd, S. Hoshaw
21. Ace Medical Grant
Mechanical Performance of Titanium vs. Stainless Steel External Fixation Schantz
Pins
2000–2003
\$10,000
P.I.: J.T. Watson, A. Guirgues
22. Wayne State University Grant
Loading Characteristics of Ankle Spanning External Fixation Constructs
2000–2003
P.I.: J. T. Watson, J. Bee
23. DePuy/Ace Medical Grant
Functional Outcomes of Retrograde Nailing of Femoral Shaft Fractures
2000–2003
\$15,000
P.I.: B.R. Moed, J.T. Watson
24. Smith & Nephew Grant
Evaluation of divergent ex fix pin constructs
2004-2006
\$5000
P.I.: J. T. Watson

25. Johnson and Johnson (Depuy Orthobiologics)
Evaluation of GDF-5 in the Management of open Tibial Shaft Fractures
2005-7
Multicenter Study with UCLA, Penn State University, Cleveland Clinic
Foundation, Christ Hospital – Chicago
26. Wright Medical
Evaluation of a Calcium phosphate/sulfate composite injectable bone void filler
Multicenter Study. With Washington University, UT Southwestern, St. Louis
University
27. Foundation for Orthopaedic Trauma
Role of BMP Antagonists in Fracture Healing with Marrow Element Analysis
2007-2008
\$25,000
P.I. Zhang Z, Watson JT.
28. SIGN Foundation
Biomechanical Study for the Comparison of the SIGN Nail vs Interlocking IM nail
in a Subtrochanteric Fracture Model
2007-2008
\$25,000
P.I. Bellard C, Watson JT, Schultz R, Bledsoe G
29. Foundation for Orthopaedic Trauma
Osteogenic activity of chord blood mesenchymal cells for fracture healing.
2008-2009
\$25,000
P.I. Zhang Z, Watson JT.
30. Foundation for Orthopaedic Trauma
Characterization of Mesenchymal Stem Cells from Bone Marrow
2008-2010
\$45,000
P.I. Zhang Z, Watson JT.
31. Foundation for Orthopaedic Trauma
Priming Endothelial Progenitor Cells with BMP-2 to Improve Angiogenesis and
Osteogenesis in Fracture Nonunion. PI.
Zhang Z, Watson JT
2009-2011
\$35,000/yr

32. Twin Starr Medical / Dept. of Defense Grant
Randomized Clinical Trial of Tissue Ultrafiltration and Pressure Monitoring for the
Diagnosis and Prevention of Compartment Syndrome (TS-TRU)., Multicenter
Investigation.
Watson JT, P.I. SLU 2007-2010
33. Locked Plates Vs. Intramedullary Nails In Distal Femur Fractures: A Multicenter
Randomized Trial Comparing IM Nails And Plate Fixation (S.O.L.V.E.D) P.I.
Watson J.T., Boston University 2010-
34. Intramedullary Nails versus Plate Fixation Evaluation Study in Proximal Tibial
Fractures:A Multicenter Randomized Trial Comparing IM Nails and Plate Fixation
(I.M.P.R.E.S.S.) co- P.I. Cannada L , Watson JT, 2010-
35. Foundation For Orthopaedic Trauma
Enhancing Fracture Healing by the homing of mesenchymal stem cells isolated from
medullary reaming materials. \$25,000 Zhang Z, Watson JT 2011
36. Center for Orthopaedic Trauma Advancement (COTA). Orthopaedic Trauma
Fellowship Grant. Fellowship director. JT Watson, 2012-2013 \$75,000.
37. Foundation For Orthopaedic Trauma
Endothelial Progenitor Cells for Acceleration of Bone Allograft Incorporation
Zhang Z, Watson JT 2012, 25,000\$
38. Twin Starr Medical / Dept. of Defense Grant, Double Blinded, Randomized Clinical
Trial of the Twin Star ECSPREES Monitoring System for the Reduction of the
Incidence of Fasciotomy
Watson JT, P.I. SLU 2012-13
39. Center for Orthopaedic Trauma Advancement (COTA). Orthopaedic Trauma
Fellowship Grant. Fellowship director. JT Watson, 2013-2014 \$75,000.
40. Biomet resident research support grant. \$75,000 materials and equipment support
2013-2014. Watson JT.
41. Center for Orthopaedic Trauma Advancement (COTA). Orthopaedic Trauma
Fellowship Grant. Fellowship director. JT Watson, 2014-2015 \$75,000.

42. A /O Carrer Development Grant Masquelet Technique For Segmental Bone Repair: Effects Of Spacer Material On Membrane Formation And Bone Regeneration. McBride S, Nicolaou D, Watson JT. 2015-2017. \$50,000
43. Center for Orthopaedic Trauma Advancement (COTA). Orthopaedic Trauma Fellowship Grant. Fellowship director. JT Watson, 2015-2016 \$50,000.
44. A Prospective multicenter cohort study to evaluate the benefit of the geriatric fracture Center. (GFC) concept. AO foundation Grant. 2016-2019

PUBLICATIONS:

Original Observations in Refereed Journals:

1. Stulberg BN, Bauer TW, Watson JT, Richmond B: Judging Bone Quality: Radiographic versus Histologic Assessment. CORR 240:200-205, 1989.
2. Watson, JT, Stulberg BN: The Fat Emboli Syndrome Following Hybrid Total Hip Replacement. J of Arthroplasty, 4:2, June, 1989
3. Sledge SL, Henley MB, Johnson KD, Watson JT: The Use of Reamed Intramedullary Nails for Treatment of Tibial Non-Union. J of Bone & Joint Surg 71-A:7:1004-1019, August, 1989.
4. Stulberg BN, Watson JT: Management of Orthopaedic Complications of Metabolic Bone Disease. Cleveland Clinic J of Med, 56:7:696-703, 1989.
5. Watson JT, Schickendantz M: Tuberculous Prepatellar Bursitis - A Case History and Clinical Review. CORR 258:209-212, 1990.
6. Stulberg BN, Watson JT, Bauer TW, Manley MT: A New Model to Assess Tibial Fixation in Knee Arthroplasty, Part I, Histologic and Roentgenographic Results. CORR 263:288-302, 1991.
7. Stulberg BN, Watson JT, Bauer TW, Manley MT: A New Model to Assess Tibial Fixation, Part II, Concurrent Histologic and Biomechanical Observations. CORR 263-303-309, 1991.
8. Alexander IJ, Watson JT: Technique Tips: Step-Cut Osteotomy of the Medial Malleolus for Exposure of the Medial Ankle Joint Space. Foot & Ankle 11:4:242-243, 1991.
9. Watson JT, Schickendantz S,: A Model for Evaluating the Strength of Bones Lengthened by Distraction Osteogenesis. CORR: 275, 248 – 253, 1992.

10. Morandi M, Watson JT, Cole JD, Michelacci M: Infected Tibial Intramedullary Nail: A Single Stage Reconstructive Procedure with the Ilizarov Method. *Bull Hospital Joint Disease* 51:1:40, 1992.
11. Watson, J.T., Morandi, M.: The Use of Ilizarov Techniques for Reconstruction of Post-Traumatic Bone Defects of the Distal Tibia and Ankle. *Journal of Orthopaedic Trauma* .6(4):512, December 1992.
12. Watson JT, Sferra JG, Schikendantz MS, Kambic HE: Biomechanical Analysis of Canine Bone Lengthening via Orthofix External Fixation. *Bull Hospital Joint Disease* 51:1:46, 1992.
13. Morandi, M., Watson, J.T., Cole, J.D., Michelacci, M.: Infected Tibial Intramedullary Nail: A Single Stage Reconstructive Procedure with the Ilizarov Method. *Bulletin Hospital for Joint Diseases*, Volume 52, Number 1, Summer 1992, Page 40.
14. Moed BR, Watson JT: Intramedullary Nailing of the Tibia Without a Fracture Table: The Transfixion Pin Distractor Technique. *J Ortho Trauma* 8:3:195-202, 1994.
15. Watson JT: Treatment of Unstable Fractures of the Shaft of the Tibia, Current Concepts Review. *J of Bone & Joint Surg* 76-A:10:1575-1584, 1994.
16. Watson JT: High Energy Fractures of the Tibial Plateau. *Ortho Clin of N Amer*, 25:723-752, 1994.
17. Watson JT, Birkbeck D: Obturator Internus Pyomyositis – Case Report and Review of the Literature. *CORR* 316: 221-226, 1995.
18. Moed BR, Watson JT: Intramedullary Nailing of Aseptic Tibial Nonunions Without the Use of the Fracture Table. *J Ortho Trauma* 9:2:128-134, 1995
19. Moed BR, Watson JT: Retrograde Unreamed Intramedullary Nailing of Fractures of the Femoral Shaft in the Multiply Injured Patient. *J of Bone & Joint Surg* 77-A:10:1520-1527, 1995.
20. Watson JT, Anders M, Moed BR: Bone Loss in Tibial Shaft Fractures: Management Strategies. *Clin Ortho* 316:1-17, 1995.
21. Konrath G, Karges DE, Watson JT, Moed BR, Cramer KE: Early versus Delayed Treatment of Severe Ankle Fractures: A Comparison of Results. *J Ortho Trauma* 9:5:377-380, 1995.
22. Moed BR, Watson JT, Goldschmidt P, vanHolsbeeck M: Ultrasound for the Early Diagnosis of Fracture Healing Following Intramedullary Nailing of the Tibia Without Reaming. *CORR* 310:137-144, 1995.
23. Sferra J, Kambie JE, Schickendantz MS, Watson JT: Biomechanical Analysis of Canine Bone Lengthened by the Callotasis Method. *CORR* 311:222-226, 1995
24. Watson JT: Tibial Pilon Fractures. *Techniques in Orthopaedics*, 11:2:150-159, 1996
25. Watson JT: Bone Transport. *Techniques in Orthopaedics*, 11:2:132-143, 1996
26. Konrath G, Watson JT, Moed BR, Karges DE, Cramer KE: IM Nailing of Distal Tibial Fractures with Intra-Articular Extension. *J Ortho Trauma* 11:3:200-205, 1997.

27. Pearse, M; Watson, JT; Morandi M : The Management of Infected Intramedullary Tibial Nails by the Ilizarov Method . Journal of Bone and Joint Surgery – British Volume, 79-B(25)Supp.:226, July 1997
28. Smith ST, Cramer KE, Karges DE, Watson JT, Moed BR: Early Complication in the Operative Treatment of Patella Fractures. J Ortho Trauma 11:3:183-187, 1997.
29. Watson JT, Coufal C: Treatment of Complex Lateral Plateau Fractures Using Ilizarov Techniques. Clin Orthop 353:97–106, 1998.
30. Watson JT, Moed BR: Retrograde Nailing of the Femoral Diaphysis. Techniques in Orthopaedics 13(1):38–50, 1998.
31. Moed BR, Watson JT, Cramer KE, Karges DE, Teefey JS: Unreamed Retrograde Intramedullary Nailing of Fractures of the Femoral Shaft. J Ortho Trauma 12(5):334–342, 1998.
32. 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: Clinical Results. J Ortho Trauma 12(3), 206-213, 1998.
33. Watson JT, Moed BR, Cramer KE, Karges DE: Comparison of the Compression Hip Screw with the Medhoff Sliding Plate for the Treatment of Intertrochanteric Fractures: A Randomized Prospective Study. Clin Ortho 348, 79-86, 1998.
34. Konrath GA, Chen D, Lock T, Goitz HT, Watson JT, Moed BR, D'Ambrosia G: Outcomes Following Quadriceps Tendon Repair. J Ortho Trauma 12(4), 273–279, 1998.
35. Moed BR, Watson JT: Retrograde Nailing of Fractures of the Femoral Shaft. Orthopaedics and Traumatology, 6(3), 193–204, 1998.
36. Moed BR, Watson JT: Tratamiento de las fracturas diafisarias de fémur mediante enclavado endomedular retrógrado. Técnicas Quirúrgicas en Orthopedía y Traumatología 8, 26–37, 1998.
37. Watson JT, Moed BR, Cramer KE, Karges DE: DHS vs. Medoff Plate for the Treatment of Intertrochanteric Fractures: A Randomized Prospective Study. CORR 348, 79–86, 1998.
38. Moed BR, Watson JT: Retrograde Nailing of the Femoral Shaft. J Am Acad Orthop Surg, 7:209–216, 1999.
39. Watson JT, Moed BR, Karges DE, Cramer KE: Pilon Fractures: Treatment Protocol Based on Severity of Soft Tissue Injury. Clin Orthop, 375:78–90, 2000.
40. Moed BR, Carr SEW, Watson JT. Open Reduction and Internal Fixation of Posterior Wall Fractures of the Acetabulum. Clin Orthop, 377:57–67, 2000.
41. Kelly CM, Wilkins RM, Gitelis S, Hartjen C, Watson JT, Kim PT: The Use of a Surgical Grade Calcium Sulfate as a Bone Graft Substitute. Clin Orthop, 382:42–50, 2001.
42. Watson JT: Hybrid External Fixation for Tibial Plateau Fractures. Am J Knee Surg, 14(2):135–140, 2001.

43. Watson JT, Carmack DB, Koval KJ, Kummer FJ: Failure of a Four-Hole Medoff Sliding Plate: A Case Report. *Bulletin of the Hospital for Joint Diseases*, 60(1):50–51, 2002.
44. Watson JT, Ripple S, Hoshaw SJ, Fyhrie D: Hybrid External Fixation for Tibial Plateau Fractures. *Orthop Clin NA*, 33(1):199–209, 2002.
45. Moed BR, Carr SEW, Watson JT: Results of Operative Treatment of Fractures of the Posterior Wall of the Acetabulum. *J Bone Joint Surg*, 84A(5):752–758, 2002.
46. Watson JT, Moed BR: Ipsilateral Femoral Neck and Shaft Fractures. *Clin Orthop*, 399:78–86, 2002.
47. Moed BR, Carr SEW, Gruson K, Watson JT, Craig JG: Computed Tomography Analysis of Posterior Wall Fractures of the Acetabulum Treated Operatively. *J Bone Joint Surg. J. of Bone and Joint Surg*. 85A(3): 512-522, 2003.
48. Moed BR, Watson JT, Carr SEW, Craig JG: Calcium Sulfate Used as Bone Graft Substitute in Acetabular Fracture Fixation. *Clin Orthop*.410: 303-309, 2003
49. Phipatanakul WP, and Watson JT: Dynamic Hip Screw Removal Using a Blade Plate Extraction Device. *Am Journal of Ortho*, 33 (7):362-364, 2003.
50. Carmack DB, Moed BR, Kingston C, Zmurko M, Watson JT. Identification of the optimal intercondylar starting point for retrograde femoral nailing: An anatomic Study. *J of Trauma* . Oct;55(4):692-5, 2003
51. Beekman R and Watson JT: Bosworth Fracture – Dislocation and Resultant Compartment Syndrome. *J. Bone Joint Surg. Am.*; 85: 2211 – 2214, Nov 2003
52. Watson JT. The Use of an Injectable Bone Graft Substitute in Tibial Metaphyseal Fractures. *Orthopedics* 27(1): 103-105, 2004.
53. Watson JT. Orthobiologics, Common Sense Approach. *J Missouri Medicine*. Spring 2005.
54. Watson JT. Overview of Biologics. *J Orthop Trauma* 19(10) 14-16, 2005
55. Rozbruch RS, Weitzman AM, Watson JT, Freudigman P, et.al. Simultaneous Treatment of Tibial Bone and Soft –tissue Defects with the Ilizarov Method. *J Ortho Trauma* 20(3):197-205, 2006.
56. Watson JT, Distraction Osteogenesis. *Journal of AAOS* Oct; 14(10) 168-74. 2006.
57. DeLong, W, Einhorn, T, Koval, K, Watson JT, et.al. Bone Grafts and Bone Graft Substitutes in Orthopaedic Trauma Surgery. A critical analysis. *J Bone Joint Surg Am*. 2007 Mar;89(3):649-58. Review.
58. Watson JT. Use of Locking Plates for Tibial Plateau Fractures. *Techniques in Orthopaedics*. 22(3): 36-44. 2007.
59. Mehta S, Watson J.T. Platelet Rich Concentrate: Basic Science and Clinical Applications. *J Orthop Trauma* 22: 6: 432-439. 2008.
60. Parsons P, Watson JT, Butcher A, Hesselden K, Ellis K, Horner A etal.. Platelet rich concentrate (PRC) supports human mesenchymal stem cell (hMSC) proliferation, BMP-2 mRNA expression, alkaline phosphatase activity and bone formation in vitro: A mode of action to enhance bone repair.. *J Ortho Trauma*. 22 (9): 595-605. 2008.

61. Lenarz C, Bledsoe G, Watson JT. Circular External Fixation Frames with Divergent Half Pins: A pilot biomechanical Study. *Clin Orthop relat Res.* Dec; 466(12): 2933-9. 2008 Watson JT,
62. Watson J.T. Nonunion with Extensive Bone Loss: Reconstruction With Ilizarov Techniques and Orthobiologics. *Oper Tech in Orthop.*18:95-107, 2008.
63. Study to Prospectively Evaluate Reamed Intramedullary Nails in Patients with Tibial Fractures Investigators, (SPRINT) Bhandari M, etal. Randomized trial of reamed and unreamed intramedullary nailing of tibial shaft fractures. *J Bone Joint Surg Am.* 2008 Dec;90(12):2567-78.
64. Dean DB, Watson JT, Moed BR, Zhang Z. Role of bone morphogenetic proteins and their agonists in healing of bone fractures. *Front Biosci.* 2009 Jan 1;14: 2878-88.
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20. Post-Operative Orthotic Management of Difficult Forearm Fractures. Yakovich JJ, Watson JT, Amer Orthotics and Prosthetics Assoc, Region IV Conf, N Myrtle Beach, SC, April, 1989.
21. A Biomechanical Model for Evaluation of Distal Radius Fracture Fixation. Watson JT, Bloomstine MT, 13th Internat'l Conf on Hoffmann External Fixation, Mayo Clinic, Rochester, MN, May, 1989.
22. Post-Operative Orthotic Management of Difficult Forearm Fractures. Yakovich JJ, Watson JT, Amer Orthotics and Prosthetics Assoc, 1989 Nat'l Assembly, Reno, NV, October, 1989.
23. 135 Degree Nail-Plate Fixation of Supracondylar Fractures of the Distal Femur. Fox JS, Watson JT, Alfred KS, 57th Ann Mtg, AAOS, New Orleans, LA, February, 1990.
24. Selection Protocol for Treatment of Patients with Complex Tibial Non-Unions Utilizing Ilizarov Techniques. Watson JT, Stearns KL, 57th Ann Mtg, AAOS, New Orleans, LA, February, 1990.
25. Selection Protocol for Treatment of Patients with Complex Tibial Non-Unions Utilizing Ilizarov Techniques. Watson JT, Stearns KL, 103rd Ann Mtg, AOA, Boston, MA, May, 1990.
26. CT Evaluation of Complex Distal Radius Fractures. Watson JT, Boyd JL, Intern'l Soc for Fracture Healing, Ann Inter'l Mtg, Mayo Clinic, Rochester, MN, September, 1990.
27. Use of Ilizarov Techniques for Reconstruction of Failed Ankle Arthrodesis. N Amer Assoc for the Study and Application of the Methods of Ilizarov (ASAMI), Kiawah Island, Charleston, SC, October, 1990.
28. Evaluation of Compartment Pressures Following Ilizarov External Fixation. Watson JG, Reilly WG, N Amer Assoc for the Study and Application of the Methods of Ilizarov (ASAMI), Kiawah Island, Charleston, SC, October, 1990.
29. Use of Ilizarov Techniques for Reconstruction of Failed Ankle Arthrodesis. Poster Presentation. AAOS, 58th Ann Mtg, Anaheim, CA, March, 1991.
30. Three Dimensional Computerized Tomography with Computer Assisted Production of Bone Models for Pre-Operative Planning of Complex Elbow Trauma Reconstruction. Watson JT, Romeo AA, AAOS, 58th Ann Mtg, Anaheim, CA, March, 1991.

31. Grafting Articular Cartilage Defects with Autogenous Fracture Matrix: A Rabbit Model. Sontich JK, Watson JT, Combined Congress of the Intern'l Arthroscopy Assoc & Internat'l Soc of the Knee, Toronto, Ontario, Canada, May, 1991.
32. Grafting Articular Cartilage Defects with Autogenous Fracture Matrix: A Rabbit Model. Sontich JK, Watson JT, AOA, 104th Ann Mtg, Palm Beach, FL, June, 1991.
33. Hydroxyapatite vs. Titanium Mesh in Tibial Component Fixation: A Mechanical and Histologic Study. Stulberg BN, Bauer TW, Watson JT, Kambic H, Comb Mtg, Ortho
34. Research Societies of USA, Japan and Canada, Banff, Alberta, Canada, October, 1991.
35. The Use of Ilizarov Techniques for Reconstruction of Post-Traumatic Bone Defects of the Distal Tibia and Ankle. Watson JT, Morandi M, Ortho Trauma Assoc Mtg, Seattle, WA, November, 1991.
35. Biomechanical Analysis of Canine Bone Lengthened by the Callotasis Method. Sferra J, Kambic HE, Schickendantz MS, Watson JT, 38th Ann Mtg, Ortho Research Soc, Washington, D.C., February, 1992.
36. Biomechanical Analysis of Canine Bone Lengthened by the Callotasis Method. Sferra J, Kambic HE, Schickendantz MS, Watson JT, Poster Presentation. 59th Ann Mtg AAOS, Washington, D.C., February, 1992.
37. Achievement of Ankle Fusion in the Presence of Infection and Bone Defect with the Method of Ilizarov. Morandi M, Watson JT, Ciotti M, 59th Ann Mtg AAOS, Washington, D.C., February, 1992.
38. Grafting Articular Cartilage Defects with Autogenous Fracture Matrix: A Rabbit Model. Sontich JK, Watson JT, 59th Ann Mtg. AAOS, Washington, D.C., February, 1992.
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41. Multifilament Cable Reinforced Repair of Extensor Mechanism Ruptures. Fox JS, Watson JT, 59th Ann Mtg AAOS, Washington, D.C., February, 1992.
42. Application of Video-Micro Scaler Technique for the Quantification of Micromotion in a Unicondylar Knee Replacement Model. H. Kambic, Stulberg BN, Manning T, Watson JT, 38th Ann Mtg, Ortho Research Soc, Washington, D.C., February, 1992.
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45. Achievement of Ankle Fusion in the Presence of Infection and Bone Defect with the Method of Ilizarov. Morandi M, Watson JT, Ciotti M, Second Riva Congress - Current Perspectives in External and Intramedullary Fixation, Riva del Garda, Italy, May, 1992.
46. Intramedullary Nailing of Fractures of the Tibial Shaft Utilizing an Intraoperative Two-Pin External Fixator. Moed BR, Watson JT, Mich Ortho Soc, Mackinac Island, MI, June, 1992.
47. Treatment of Complex Tibial Plateau Fractures with Circular External Fixators. Watson JT, Morandi M, Blake RB, Browner BD, Ortho Trauma Assoc, Ann Mtg, Minneapolis, MN, October, 1992. AAOS Ann Mtg, San Francisco, CA, February, 1993.
47. Treatment of Complex Tibial Plateau Fractures with Circular External Fixators. Watson JT, Morandi M, Blake RB, Browner BD, AAOS Ann Mtg, San Francisco, CA, February, 1993.
48. Treatment of Complex Tibial Plateau Fractures with Circular External Fixators. Watson JT, Morandi M, Blake RB, Browner BD, ASAMI N Amer, 3rd Ann Mtg, San Francisco, CA, February, 1993.
49. Intramedullary Nailing of Fractures of the Tibial Shaft Utilizing an Intraoperative Two-Pin External Fixator. Moed BR, Watson JT, Mid-Amer Ortho Assoc, 11th Ann Mtg, Hilton Head Island, SC, April, 1993.
50. Treatment of Complex Tibial Plateau Fractures with Circular External Fixators. Watson JT, Morandi M, Blake RB, Browner BD, Mich Ortho Soc Ann Mtg, Traverse City, MI, June, 1993
51. Intramedullary Nailing of Fractures of the Tibial Shaft Utilizing an Intraoperative Two-Pin External Fixator. Moed BR, Watson JT, Ortho Trauma Assoc, Ann Mtg, New Orleans, LA, September, 1993.
52. Intramedullary Nailing of the Tibia Without a Fracture Table: The Transfixion Pin Distractor Technique. Moed BR, Watson JT, Ortho Trauma Assoc Ann Mtg, New Orleans, LA, September, 1993.
53. The Value of CT Scanning for Preoperative Evaluation of Tibial Plateau Fractures. Watson JT, Karges DE, Moed BR, Ortho Trauma Assoc Ann Mtg, New Orleans, LA, September, 1993.
54. The Ilizarov External Fixation Device and the Importance of Physical Therapy Intervention During Treatment. Taylor CJ, Lilly JM, Watson JT, 2nd Joint APTA/CPA Cong, Toronto, Canada, October, 1993.
55. Ultrasound for the Early Diagnosis of Fracture Healing Following Interlocking Nailing of the Tibia Without Reaming: A Pilot Study. Watson JT, Moed BR, vanHolsbeeck M, Goldschmidt PG, Ortho Trauma Assoc Ann Mtg, New Orleans, LA, September, 1993.

56. Ultrasound for the Early Diagnosis of Fracture Healing Following Interlocking Nailing of the Tibia Without Reaming: A Pilot Study. Watson JT, Moed BR, vanHolsbeeck M, Goldschmidt PG, AAOS, 61st Ann Mtg, New Orleans, LA, February, 1994.
57. The Effects of Fracture Healing Under Cyclic Sear Micromotion. Watson JT, Sauer P, ASAMI 4th Ann Mtg, New Orleans, LA, February, 1994.
58. Intramedullary Nailing of the Tibia Without a Fracture Table: The Transfixion Pin Distractor Technique. Moed BR, Watson JT, AAOS 61st Ann Mtg, New Orleans, LA, February, 1994.
58. 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
59. The Value of CT Scanning for Preoperative Evaluation of Tibial Plateau Fractures. Watson JT, Karges DE, Moed BR, 10th Ann Mid-Amer Ortho Assoc, Hamilton, Bermuda, April, 1994.
60. Obturator Internus Pyomyositis - A Case Report and Review of the Literature. Watson JT, Birkbeck. Mich Ortho Soc, Mackinac Island, MI, June, 1994.
61. Retrograde Unreamed Intramedullary Nailing of Fractures of the Femoral Shaft in the Multiply Injured Patient. Moed BR, Watson JT, Ortho Trauma Assoc Ann Mtg, Los Angeles, CA, September, 1994.
62. Infected Tibial Intramedullary Nail: A Single Stage Reconstructive Procedure with the Ilizarov Method. Morandi M, Watson JT, Coupe K, Ortho Trauma Assoc Ann Mtg, Los Angeles, CA, September, 1994.
63. Comparison of Results: Immediate Versus Delayed Surgical Treatment of Ankle Fractures. Karges DE, Watson JT, Moed BR, Ortho Trauma Assoc Ann Mtg, Los Angeles, CA, September, 1994.
64. Microcrack Detection and Analysis in Rabbit Tibiae Following Screw Insertion and Axial Loading. Watson JT, Hoshaw S, Fyhrie DP, Ortho Research Soc, Orlando, FL, February, 1995.
65. Use of Ilizarov Techniques for the Treatment of Distal Tibial Pilon Fractures. ASAMI 5th Ann Mtg, Orlando, FL, February, 1995.
66. Comparison of Results: Immediate Versus Delayed Surgical Treatment of Ankle Fractures. Karges DE, Watson JT, Moed BR, AAOS, 62nd Ann Mtg, Orlando, FL, February, 1995.
67. Intramedullary Nailing of Tibial Nonunions Without the Use of the Fracture Table. Moed BR, Watson JT, AAOS, 62nd Ann Mtg, Orlando, FL, February, 1995.
68. Ultrasound for the Early Diagnosis of Fracture Healing Following Interlocking Nailing of the Tibia Without Reaming: A Pilot Study. Watson JT, Moed BR, vanHolsbeeck M, Goldschmidt PG, AAOS 62nd Ann Mtg, Orlando, FL, February, 1995.

69. Retrograde Unreamed Intramedullary Nailing of Fractures of the Femoral Shaft in the Multiply Injured Patient. Moed BR, Watson JT, AAOS 62nd Ann Mtg, Orlando, FL, February, 1995.
70. Treatment of Low Velocity Gunshot Wounds to the Knee. Goitz HT, Watson JT, Lock T, Birkbeck D, AAOS 62nd Ann Mtg, Orlando, FL, February, 1995.
71. Use of Ilizarov Techniques for the Treatment of Distal Tibial Pilon Fractures. Assoc of Bone & Joint Surgeons Ann Mtg, Indianapolis, IN, May, 1995.
72. Transcutaneous Oxygen Tensions in the Preoperative Evaluation of Soft Tissue Injuries in Closed Ankle Fractures. Watson JT, Gurley JP, Ann Mich Ortho Assoc, Traverse City, MI, June, 1995.
73. Treatment of Low Velocity Gunshot Wounds to the Knee. Goitz HT, Watson JT, Lock T, Birkbeck D, Ann Mich Ortho Assoc, Traverse City, MI, June, 1995.
71. Treatment of Low Velocity Gunshot Wounds to the Knee. Goitz HT, Watson JT, Lock T, Birkbeck D, 11th Ann Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995.
72. Transcutaneous Oxygen Tensions in the Preoperative Evaluation of Soft Tissue Injuries in Closed Ankle Fractures. Watson JT, Gurley JP, 11th Ann Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995. **HIGHLIGHT PAPER AWARD**
73. Complications of Fracture Management in the Young Adult, Tibial Plateau Fractures. 11th Ann Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995.
74. Ultrasound for the Early Diagnosis of Tibial Fracture Healing After Unreamed Static Interlocking Nailing. Moed BR, Sendhil S, vanHolsbeeck M, Watson JT, 11th Ann Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995.
75. Operative Treatment of Patella Fractures: Early Complications. Cramer KE, Smith S, Moed BR, Watson JT, Karges DE, 11th Ann Ortho Trauma Assoc Ann Mtg, Tampa, FL, September, 1995.
76. Recurrent Elbow Dislocation: Management with a Temporary Screw, Cramer KE, Karges DE, Moed BR, Watson JT, 11th Ann Ortho Trauma Assoc. Ann Mtg, Tampa, FL, September, 1995.
77. Intramedullary Nailing of Complex Diaphyseal Tibia Fractures With Distal Articular Involvement. Konrath G, Moed BR, Watson JT, Karges DE, Cramer KE, Kaneshiro S, Poster Presentation. AAOS 63rd Ann Mtg, Atlanta, GA, February, 1996.
78. Transcutaneous O₂ Tension Monitoring in the Preoperative Evaluation of Soft Tissue Injuries in Closed Fractures About the Ankle. Watson JT, Gurley JP, AAOS Specialty Day, OTA Highlight Paper, Atlanta, GA, February, 1996.
79. Biomechanical Analysis of Tibial Plateau Fracture Fixation Utilizing Small Tensioned Wire Constructs. Watson JT, Ripple S, Hoshaw S, Wagner J, ASAMI 6th Ann Mtg, Atlanta, GA, February, 1996.
80. Retrograde Unreamed Intramedullary Nailing of Fractures of the Femoral Shaft in the Multiply Injured Patient. Moed BR, Watson JT, AAOS 63rd Ann Mtg, Atlanta, GA, February, 1996.

81. Ultrasound for the Early Diagnosis of Tibial Fracture Healing After Unreamed Static Interlocking Nailing. Moed BR, Sendhil S, vanHolsbeeck M, Watson JT, AAOS 63rd Ann Mtg, Atlanta, GA, February, 1996.
82. Transcutaneous Oxygen Tensions in the Preoperative Evaluation of Soft Tissue Injuries in Closed Ankle Fractures. Watson JT, Gurley JP, AAOS 63rd Ann Mtg, Atlanta, GA, February, 1996.
83. Internal Fixation vs. Small Wire Circular External Fixator of Pilon Fractures: Treatment Protocol Based on Severity of Soft Tissue Injury. Ortho Trauma Assoc Ann Mtg, Boston, MA, September, 1996.
84. Internal Fixation vs. Small Wire Circular External Fixator of Pilon Fractures: Treatment Protocol Based on Severity of Soft Tissue Injury. AAOS, San Francisco, CA, February, 1997.
85. DHS vs. Medhoff Plating: A Randomized Prospective Treatment Protocol for Unstable Intertrochanteric Hip Fractures. Ortho Trauma Assoc Ann Mtg, Louisville, Kentucky, October, 1997.
86. A Prospective Treatment Protocol for the Management of Complex Open Grade IIIB, IIC Tibial Shaft Fractures Utilizing Ilizarov Techniques. ASAMI 8th Annual Meeting, New Orleans, LA, March 1998.
87. DHS vs. Medhoff Plate for the Treatment of Intertrochanteric Fractures: A Randomized Prospective Study. AAOS 65th Annual Meeting, New Orleans, LA, March 1998.
88. Fracture Healing: Non-Unions and Post-traumatic Osteomyelitis. AAOS 66th Annual Meeting, Anaheim, CA, February 1999.
89. Perioperative External Fixator Management during Secondary Surgical Procedures. Watson JT, Occhietti MJ, Moed BR, Karges DE, Cramer KE, Parmar VS. OTA 15th Annual Meeting, Charlotte, NC, October 22–24, 1999.
90. Unstable Elbow Dislocations and Fracture-Dislocations: Temporary Transarticular Fixation. Cramer KE, Moed BR, Karges DE, Watson JT. OTA 15th Annual Meeting, Charlotte, NC, October 22–24, 1999.
91. Perioperative External Fixator Management During Secondary Surgery Procedures. Mich Ortho Soc, Mackinac Island, MI, June, 2000.
92. Open Reduction and Internal Fixation of Posterior Wall Fractures of the Acetabulum. Moed BR, Carr SEW, Watson JT. OTA 16th Annual Meeting, San Antonio, TX, October 12–14, 2000.
93. Analysis of Failure of Hybrid External Fixation Techniques for the Treatment of Distal Tibial Pilon Fractures. Watson JT, Karges DE, Cramer KE, Moed BR. OTA 16th Annual Meeting, San Antonio, TX, October 12–14, 2000.
94. Analysis of Failure of Hybrid External Fixation Techniques for the Treatment of Distal Tibial Pilon Fractures. Watson JT, Karges DE, Cramer KE, Moed BR. ASAMI 11th Annual Scientific Meeting, San Francisco, CA, February 26–27, 2001.

95. OsteoSet Pellets Used as Bone-Graft Substitute in Acetabular Fracture Fixation. Moed BR, Carr SEW, Craig JG, Watson JT. AAOS 68th Annual Meeting, San Francisco, CA, February 28–March 4, 2001.
96. 1) Analysis of Failure of Hybrid External Fixation Techniques for the Treatment of Distal Tibial Pilon Fractures. Watson JT, Karges DE, Cramer KE, Moed BR.
2) Open Reduction and Internal Fixation of Posterior Wall Fractures of the Acetabulum. Moed BR, Carr SEW, Watson JT.
3) OsteoSet Pellets Used as Bone-Graft Substitute in Acetabular Fracture Fixation. Moed BR, Carr SEW, Craig JG, Watson JT.
4) Identification of the Optimum Intercondylar Starting Point for Retrograde Femoral Nailing: An Anatomic Study. Carmack DB, Moed BR, Kingston C, Richardson M, Zmurko M, Watson JT.
Paper presentations: MAOA 19th Annual Meeting, Amelia Island, FL, April 18–22, 2001.
97. Computed Tomography Analysis of Posterior Wall Fractures of the Acetabulum Treated Operatively. Moed BR, Carr SE, Gruson KI, Watson JT, Craig JG. OTA 2002 Annual Meeting, Toronto, ON, Canada, October 11–13, 2002.
98. Simultaneous Treatment of Bone and Soft-tissue Defects with the Ilizarov Method. Rozburch SR, Watson JT, Weitzman AM, Katz HV, Freudigman P, Blyakher A, Ilizarov S. ASAMI – North America 13th Annual Scientific Meeting. Boston, MA, July 25-27, 2003.
99. Simultaneous Treatment of Bone and Soft-tissue Defects with the Ilizarov Method. Rozburch SR, Watson JT, Weitzman AM, Katz HV, Freudigman P, Blyakher A, Ilizarov S. 19th Annual OTA Meeting. October 9-11, 2003.
100. Orthopaedic Infections: Panel discussion and case presentation. 19th Annual OTA Meeting October 9-11, 2003.
101. Use of Distal Femoral Locking Plates for High Energy Supracondylar Femor Fractures. Aure, B, Watson JT, Karges D, Moed BR. Annual Mid-America Orthopaedic Assoc Annual Meeting, April 2005.
102. Effectiveness Of Iliac Aspirates For grafting of Nonunions. Quigley, K. Watson JT. Mudd C. Poster presentation AAOS annual meeting, March 22-26, Chicago, Ill. 2006.
103. Iliac Crest Aspiration and Injection in the Treatment of Delayed and Nonunion. Quigley K, Watson JT, Mudd C, Paper Presentation. 24th Annual Meeting Mid – America Ortho Assoc. April 29th-31, 2006. San Antonio, TX.
104. Effect of an Ilizarov Foot Frame on Maintaining the Articular Congruity of the Tibial Plafond: A Biomechanical Study. Ghalambor M, Watson JT. Paper Presentation, 24th Annual Meeting Mid –America Ortho Assoc. April 29th-31, 2006. San Antonio, TX.
105. Cost Effectiveness and Functional Assessment of Symptomatic Hardware removal. Fissel B, Watson JT. Paper presentation. 24th Annual Meeting Mid –America Ortho Assoc. April 29th-31, 2006. San Antonio, TX.

106. Iliac Crest Aspiration and Injection in the Treatment of Delayed and Nonunion. Quigley K, Watson JT, Mudd C, Paper Presentation. 22nd Annual Meeting OTA. Phoenix ,AZ. Oct 3-7, 2006.
107. Cost Effectiveness and Functional Assessment of Symptomatic Hardware removal. Fissel B, Watson JT. Paper presentation. Annual Meeting American Academy of Orthopaedic Surgeons Feb. 14-18th, 2007 San Diego CA.
108. Complex Ankle Fusions : Results with Combined Internal Fixation and Ilizarov Techniques. Fissel, B. Watson JT, Karges D. Paper presentation 25th Annual Meeting Mid-America Ortho Assoc Meeting 2007.
109. Biomechanical Evaluation of Oblique half pin constructs for external fixation. Lenarz, C. Watson JT, Poster presentation. 25th Annual Meeting Mid-America Ortho Assoc.2007
110. Functional Outcome of Ipsilateral femoral neck / shaft fractures. Quigley K, Watson JT. Paper presentation 25th Annual Meeting Mid-America Ortho Assoc Meeting 2007.
111. Lateral Locking Plates for the Treatment of Bicondylar Tibial Plateau Fractures: A Treatment Protocol, Indications, and Results. Phillips M, Watson JT. Paper Presentation 23rd Annual Meeting OTA. Boston, MA. Oct. 17th- 20th, 2007.
116. A Prospective Functional and CT Analysis of a Calcium Sulfate / Calcium Phosphate Composite Graft in Proximal Tibia Fractures. William M. Ricci, M.D. (Washington University), J. Tracy Watson, M.D. (St. Louis University); Joseph Borrelli, M.D. (University of Texas SW); et.al. Paper Presentation: International Society for Fracture Repair Biennial Conference July 13-16, 2008
117. Timing of Wound Closure In Open Fractures: A Prospective Protocol Using Post Debridement Cultures. Chris Lenarz M.D., J. Tracy Watson M.D., Heidi Israel PhD, RN, Berton R. Moed M.D. Poster presentation . 24th Annual Meeting OTA, Denver, CO. Oct. 14th 17th, 2008.
118. Expression of Bone Morphogenetic Protein Antagonists during Fracture Healing Dean, D B,; Jin, W; Peters, C; Enders, T; Watson, J T; Moed B.R. Zhang, Z. Paper presentation. Feb,24th, Annual ORS meeting, Las Vegas NV, 2009.
119. Timing of Wound Closure In Open Fractures: A Prospective Protocol Using Post Debridement Cultures. Chris Lenarz M.D., J. Tracy Watson M.D., Heidi Israel PhD, RN, Berton R. Moed M.D. Podium presentation. Feb. 25th , Annual AAOS Las Vegas NV. 2009.
120. Assessment of Tibial Plateau Fracture Healing: Precise Evaluation using and advanced CT workstation" has been accepted for oral presentation at the 109th annual meeting of the American Roentgen Ray Society, April 26 – May 1, 2009.
121. Baseball Bat Orthopedic Related Trauma: Outcomes Analysis. Pablo R.Pazmino, Brian G. Larkin, J. Tracy Watson, Djoldas Kuldjanov, Podium presentation. Podium presentation. 27th Annual Mid America Orthopaedic Association Annual Meeting, April 22-26th, 2009 Amelia Island, Florida

123. Mechanical Comparison of External Fixation Pin/Bar Clamp Release Forces. R. Soileau, J. Treadway, J. T. Watson, Podium presentation , Biomedical Engineering Society Annual Fall Meeting, Pittsburgh, P.A. October 7-10, 2009,
122. Role of the Proximal Tibio-Fibular Joint and Interosseous Membrane on Lateral Tibial Plateau Fracture Stability: A Biomechanical Evaluation. Mudd C, Watson JT, Isreal H, Cooper, et.al. Paper presentation 25th Annual OTA Meeting Basic Science Forum , San Diego CA Oct 2009.
123. Expression of Bone Morphogenetic Protein Antagonists during Fracture Healing Dean, D B,; Jin, W; Peters, C; Enders, T; Watson, J T; Moed B.R. Zhang, Z. Paper presentation 25th Annual OTA Meeting, San Diego CA. 2009.
124. A Prospective Functional and CT Analysis of a Calcium Sulfate/Calcium Phosphate Composite Graft in Proximal Tibial Fractures. Ricci W, Watson JT , Borrelli, J M.D. Choplin R, M.D. Podium Presentation. Podium presentation. 25th Annual Annual OTA Meeting, San Diego CA 2009.
125. Mechanical Comparison of External Fixation Pin/Bar Clamp Release Forces. Watson JT, R. Soileau, J. Treadway, Podium presentation , AAOS Annual Meeting, New Orleans, LA, March 9-13, 2010
126. Single Incision vs Dual Incision Fasciotomy for Tibial Compartment Syndrome. Zehnder S, Watson JT, Paper Presentation 28th Annual Mid American Orthopaedic Association Annual Meeting, April 21-25, 2010, Austin Texas.
127. Sign Nail vs Standard Stainless Locked Nail Using a Subtrochanteric Fracture Model: A Mechanical Comparison. Bellard C, Watson JT, Bledsoe G, Zirkle L, et al. poster presentation , 28th Annual Mid American Orthopaedic Association Annual Meeting, April 21-25, 2010, Austin Texas.
128. Circular External Fixator Frames Using Perpendicular vs Divergent Half Pins: A Biomechanical Study. Otto R, Watson JT, Bledsoe G, paper presentation. 28th Annual Mid American Orthopaedic Association Annual Meeting, April 21-25, 2010, Austin Texas.
129. The effect of Mesenchymal Stem Cells Derived from Umbilical cord Blood on Healing of Fracture Nonunions in a rat Model. Foo T, Zhang Z, Jin W, Watson JT. Paper presentation. 28th Annual Mid American Orthopaedic Association Annual Meeting, April 21-25, 2010, Austin Texas.
130. Mechanical Comparison of External Fixation Pin/Bar Clamp Release Forces. Watson JT, Soileau R, Treadway J, Podium presentation , AAOS Annual Meeting, New Orleans, LA, March 9-13, 2010.
131. A Prospective Functional Analysis of Proximal Tibia Fractures Using a Calcium
Watson JT, Borelli J, Weber T, Chopin RH, OTA Annual Meeting. Oct 2010.
HIGHLIGHT PAPER AWARD
132. Immediate Weight Bearing after Fixation of Humeral Shaft Fractures with Small Fragment Hybrid Plating: A Clinical and Biomechanical Study. Cannada L, Watson JT. OTA Annual Meeting, Baltimore MD. 2010.
133. Small Fragment Fixation of Humeral Shaft Fractures: Cannada L, Owen, S, Watson JT, AAOS Annual Meeting, Feb. 2011, Dan Diego CA.

134. Grimshaw, C S., Cannada, L, Watson., JT. "Atrophic Non-Union after Open Fracture: Are Bone Morphogenetic Proteins the Answer to the Problem?" Mid-America Orthopaedic Association Annual Meeting, Tucson AZ. April 2011
135. Retrograde Nailing Of Proximal Femoral Shaft Fractures. How High Can You Go.? Poster presentation, OTA Annual Meeting, San Antonio, TX 2011 Kuhn, K, Watson JT, Boudreau J, Cannada L.
136. Retrograde vs Antegrade nailing of Femoral Shaft Fractures: Gait Analysis. Huston, K, Cannada, L, Watson JT. Paper presentation, AAOS Annual Meeting, San Francisco CA. Feb.8-11, 2012.
137. Atrophic Non-Union after Open Fracture: Are Bone Morphogenetic Proteins the Answer to the Problem? Grimshaw, CS, Cannada , LK, Watson JT, Poster presentation, AAOS Annual Meeting, San Francisco CA. Feb.8-11, 2012.,
138. Retrograde vs Antegrade nailing of Femoral Shaft Fractures: Gait Analysis. Huston, K, Cannada, L, Watson JT. Paper presentation, Annual Mid- America Orthopaedic Association Meeting, Bonita Springs, Florida April 18-22, 2012
139. Spanning External Fixation for Complex Distal Femur Fractures: Indications and Outcomes. Tabaie S, Watson JT, Huang A, Zhang Z. Annual Mid- America Orthopaedic Association Meeting, Bonita Springs, Florida April 18-22, 2012
140. Tracking The Homing of Mesenchymal Stem Cells and Efficacy of Their Healing Potential In A Mouse Fracture Model. Deger, T, Watson, JT, Zhang, Z,; Akers, W.: Paper presentation. Basic science forum. OTA Annual Meeting, Minneapolis MN .Oct 3-6th, 2012.
141. How High Can You Go? Retrograde Nailing of Proximal Femur Fractures Kuhn, K, Watson, JT, Cannada, L. Paper presentation. OTA Annual Meeting, Minneapolis MN .Oct 3-6th, 2012.
142. Gait Analysis After Retrograde and Trochanteric Entry Intramedullary Nail Fixation of Femoral Shaft Fractures . Huston, KL, Watson, JT, Cannada, LK. Paper presentation. OTA Annual Meeting, Minneapolis MN. Oct 3-6th, 2012.
143. A Clinical Evaluation Of Alternative Fixation Techniques For Medial Malleolar Fractures. Barnes HC, Cannada LK, Watson JT. Poster presentation OTA Annual Meeting, Minneapolis MN .Oct 3-6th, 2012.
144. Ipsilateral Femoral Neck And Shaft Fractures. Results Of Treatment With Hip Screws And A Retrograde Nail. Ostrum RF, Tornetta, p. Watson JT, Poster presentation OTA Annual Meeting, Minneapolis MN .Oct 3-6th, 2012.
145. Increased Nonunion Rate And Delayed Union Of Distal Tibia Fractures Treated With Intramedullary Nails And Angle Stable Interlocking Screws. Kuhn KM, Stoneback JW, Boudreau JA, Watson JT. Poster presentation OTA Annual Meeting, Minneapolis MN .Oct 3-6th, 2012.

146. Optimizing Half Pin Placement of Mono-lateral External Fixation Frames for Superior Stability . Yang, W, Watson JT, ; Zheng, Y, Soileau, R, Hartsell, Z. Poster presentation. The Seventh International Congress of Chinese Orthopaedic Association, November 15-18, 2012, Beijing, China
147. Radiological Outcomes Of Intertrochanteric Hip Fractures Treated With The Intertan Nail. Wu Y, Watson JT, Isreal H, Kudjonov D, Jackman J. Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference, Dubai, United Arab Emirates, Nov. 28 - 30, 2012.
148. Optimizing Half Pin Placement of Mono-lateral External Fixation Frames for Superior Stability . Yang, W, Watson JT, ; Zheng, Y, Soileau, R, Hartsell, Z. Poster presentation. ORS Annual Meeting in San Antonio, Texas, January 26-29, 2013.
149. A Clinical Evaluation Of Alternative Fixation Techniques For Medial Malleolus Fractures. Barnes HC, Cannada LK, Watson JT. Poster presentation. AAOS Annual Meeting, Chicago , IL .March 20th -23rd 2013, 2012.
150. Geriatric Polytrauma with Orthopaedic Injuries: Is Operative Fixation a Death Sentence? Abdelfattah A, Del Core, M, Cannada LK, Watson JT, Paper presentation. AAOS Annual Meeting, Chicago , IL .March 20th -23rd 2013.
152. Retrograde Nailing Of Proximal Femur Fractures; How High Can You Go? Watson JT, Kuhn K, Cannada LC, Haegele A, Boudreau JA. Paper presentation. AAOS Annual Meeting, Chicago , IL .March 20th -23rd 2013, 2012.
151. Geriatric Polytrauma with Orthopaedic Injuries: Is Operative Fixation a Death Sentence? Abdelfattah A, Del Core, M, Cannada LK, Watson JT. Poster presentation, Annual Mid –America Orthopaedic Assoc Meeting, Amelia Island FL, April 18th-20th, 2013.
152. Retrograde Nailing Of Proximal Femur Fractures; How High Can You Go? Watson JT, Kuhn K, Cannada LC, Haegele A, Boudreau JA. Paper presentation. Annual Mid –America Orthopaedic Assoc Meeting, Amelia Island FL, April 18th-20th, 2013.
153. A Staged Management Protocol for Bicondylar Tibial Plateau Fractures with Compartment Syndrome; (Is the infection rate really that high?). Bromfield CS, Javidan P, Watson JT. Paper presentation. AAOS Annual Meeting, New Orleans , LA .March 10th -15th 2014
154. . Staged Treatment for Complex 3 Column Tibial Plateau Fracture Dislocations. J T. Watson,. Boudreau JA, Karges D, Kuldjanov D. Paper presentation. AAOS Annual Meeting, New Orleans , LA .March 10th -15th 201
155. Post-operative Complications of Olecranon Fractures: Locked versus Non-Locked Plates, a Comparison of Outcomes. Traver JL, Israel H, Cannada LK , Watson JT. Paper presentation. AAOS Annual Meeting, New Orleans , LA . March 10th -15th 2014.

156. Salvage Hindfoot Arthrodesis Using Internal and Ilizarov Fixation. Watson JT, Jackman, JM, Fissel BA, Karges DE, Crawford BM. Paper presentation. 32nd Annual Mid-America Ortho Association Meeting, San Antonio, TX April 23-27th 2014.
157. Post-operative Complications of Olecranon Fractures: Locked versus Non-Locked Plates, a Comparison of Outcomes. Traver JL, Israel H, Cannada LK, Watson JT. Paper presentation. 32nd Annual Mid-America Ortho Association Meeting, San Antonio, TX April 23rd -27th, 2014.
158. Intravenous Application of CD271-Selected Mesenchymal Stem Cells During Fracture Healing. Deger, T, Watson, JT, Akers, W. Zhang, Z etal. Poster presentation. 32nd Annual Mid-America Ortho Association Meeting, San Antonio, TX April 23rd -27th, 2014.
159. Treatment of Complex Post Traumatic Wounds without Free Flap Coverage: Are Stem cells the Orthopaedic surgeon's New Free Flap? BA Kraemer, JT Watson, Poster presentation, OTA 30th Annual meeting, Tampa, FL., Oct 14- 18th, 2014.
160. Predictors Of Delay For Time-To-Surgery In Geriatric Hip Fractures: Results And Outcomes. Berglund DD, Flaherty JH, Malstrom B, Watson JT,. Poster presentation, OTA 30th Annual meeting, Tampa, FL., Oct 14- 18th, 2014.
161. Is it Ever Too Hot or Too Cold for Trauma? Ebersole G, Miester M, Cannada L, Watson JT,. . Poster presentation, OTA 30th Annual meeting, Tampa, FL., Oct 14- 18th, 2014.
162. Predictors of Delay for Time-to-Surgery in Geriatric Hip Fractures: Results and Outcomes. Berglund DD, Flaherty JH, Malstrom B, Watson JT,. Paper Presentation. AAOS Annual Meeting March 24-27th, 2015. Las Vegas, NV.
163. Fixation of Tibial Pilon Fractures: Which is The Correct Side to Plate? Busel G A, Watson J T., Israel H, Paper Presentation, AAOS Annual Meeting March 24-27th, 2015. Las Vegas, NV.
164. Fixation of Tibial Pilon Fractures: Which is The Correct Side to Plate? Busel G, Watson J T., Israel H, Paper Presentation, 33rd Annual Meeting Mid American Ortho Association Hilton Head SC, April 23-25, 2015
165. Is it Ever Too Hot or Too Cold for Trauma? Ebersole G, Miester M, Cannada L, Watson JT,. . Paper presentation, Annual Meeting Mid American Ortho Association Hilton Head SC, April 23-25, 2015
166. Does Insurance Status Alter Outcomes if a Standardized Fracture Treatment Is Utilized? Worden AF, Cannada L, Watson JT. Paper presentation, 33rd Annual Meeting Mid American Ortho Association Hilton Head SC, April 23-25, 2015
167. Plating of Pilon Fractures Based on the Orientation of the Fibular Shaft Component: A Biomechanical Study Evaluating Plate Stiffness in Cadaveric Fracture Models. Busel G A, Watson J T., Paper Presentation, 33rd Annual Meeting Mid American Ortho Association Hilton Head SC, April 23-25, 2015
168. Fixation of Tibial Pilon Fractures: Which is The Correct Side to Plate? Busel G A, Watson J T., Israel H, Paper Presentation, OTA Annual Meeting Oct 6-9 San Diego Ca. 2015.

169. Arveson J, Watson JT, Isreal H. Effectiveness of Complex Combined Deformity Non/Mal Union Correction, Utilizing a Hexapod External Fixator. Poster Presentation, 29th Annual Southeastern Fracture Symposium. Jan 28-30, 2016 in Durham, NC.
170. Bussel, G, Salari, P. Watson JT. Articular Step Off is a Better Predictor of Meniscus Injury Compared to Tibial Plateau Widening in Lateral Tibial Plateau Fracture. Paper presentation, Annual Mid America Ortho Association Meeting, Hyatt Regency Coconut Point Resort Bonita Springs, Florida April 13-17, 2016
171. Salari, P, Bussel G, Watson JT. A Radiographic Zone-Based Approach to Predict Meniscus Injury in Lateral Tibial Plateau Fracture. Paper presentation. Annual Mid America Ortho Association Meeting, Hyatt Regency Coconut Point Resort Bonita Springs, Florida. April 13-17, 2016.

INVITED Seminars, Teaching Activities, Visiting Professorships or Lectures Presented:

1. Course Faculty: The Role of the Ring External Fixator in Deformity Correction and Tissue Transport; The Application of the Ilizarov Techniques to the Open Tibia. AO Basic and Advanced Course, Toronto, Ontario, Canada, February, 1992
2. Course Faculty: Non-Unions and Post-Traumatic Osteomyelitis. 8th Ann AAOS Comprehensive Review Course, Chicago, IL, March 1992.
3. Course Faculty: Orthopaedic Trauma: The Management and Care of the Multiply Injured Patient. 12th Ann Congress, Nat'l Assoc of Ortho Nurses, Cincinnati, Ohio, May, 1992.
4. Course Faculty: Pilon Fractures; Ankle Arthrodesis with Lengthening. Advanced Ilizarov Course, Naples, FL, June, 1992.
5. Course Faculty: Advanced Program Care of the Ilizarov Patient and Other Health Care Professionals; Biology of Distraction Osteogenesis; Scope of Ilizarov Method. Ilizarov Method Course, Atlanta, GA, September, 1992.
6. Course Faculty: Essential Concepts for Surgeons. Ilizarov Method Course, Minneapolis, MN, October, 1992.
7. **Visiting Professor:** Ilizarov Basic Technique. University of Texas, San Antonio/Wilford Hall AFB, November, 1992.
8. Course Faculty: Care of the Ilizarov Patient for Nurses and Other Health Care Professionals; Biology, Methods, Indications Overview. Ilizarov Method Course, Phoenix, AZ, December, 1992.

9. Course Faculty: Essential Concepts for Surgeons. Ilizarov Method Course, Phoenix, AZ, December, 1992.
10. Course Faculty: Comprehensive Trauma Solutions. Beaver Creek, CO, January, 1993
11. Course Faculty: Basic & Advanced AO Course. Marco Island, FL, May, 1993.
12. Course Faculty: Non-Unions and Post-Traumatic Osteomyelitis. 9th Ann AAOS Comprehensive Review Course, Chicago, IL, May, 1993.
13. Course Faculty: Residents A/O Basic Course. Minneapolis, MN, October, 1993.
14. Course Faculty: Treatment of Segmental Defects: Acute Compression vs. Bone Transport Technique and Results. Advanced Ilizarov Method Course, Rancho Bernardo, CA, October, 1993.
15. **Visiting Professor:** Periarticular Injuries and Management of Multiply Injured Patients. Wright State University School of Medicine, Dayton, Ohio, November, 1993.
16. Course Faculty: Complex Fractures of the Extremities, Hospital for Joint Diseases, New York, NY, December, 1993.
17. Course Faculty: Comprehensive Trauma Solutions, Beaver Creek, CO, January, 1994.
18. Course Faculty: Non-Unions and Post-Traumatic Osteomyelitis. 10th Ann AAOS Comprehensive Review Course, Chicago, IL, April, 1994.
19. Course Faculty: AO/ASIF Basic & Advanced Course, Phoenix, AZ, April, 1994.
20. Course Faculty: OTA Regional Update Mtg, Chicago, IL, May, 1994.
21. Course Faculty: Current Concepts in Internal Fracture Fixation, Howmedica Fracture Course, Detroit, MI, June, 1994.
22. Course Faculty: Ilizarov Technique - Concepts and Potential "Small Wire Circular External Fixation: Concepts and Potential for Traumatic/Post-Traumatic Applications; Technique and Results: Use of Small Wire Fixator for Distal Tibial/Pilon Fractures; Reamed vs. Unreamed vs. Ex-Fix vs. Amputation for Severe Open Tibial Fractures. Ilizarov Course, Hilton Head Island, SC, October, 1994.
23. Course Faculty: The Multiply-Injured Orthopaedic Patient - Nursing Implications. Excellence in Trauma Nursing, Southfield, MI, October, 1994.
24. **Course Director:** Advanced Ilizarov Course - Ilizarov Trauma/Reconstruction, Hilton Head Island, October, 1994.
25. **Visiting Professor:** Ilizarov Techniques for Acute Peri-Articular Injuries; Retrograde IM Nails of Femoral Shaft in the Multiply Injured Patient, University of Pittsburgh, Penn State Ortho Assoc Ann Mtg, November, 1994.

26. **Course Director:** Indications for Lengthening in the Trauma Patient; Use of the Ilizarov in Trauma, Indications and Techniques; Ilizarov Constructs for Tibial Plateau Fractures; Complex Open Tibial Fractures: Unreamed Nail vs. External Fixator vs. Ilizarov Device. Korean Ilizarov Course, Seoul, South Korea, November, 1994.
27. Course Faculty: Treatment of Peri-Articular Injuries; The Role of Bone Transport in the Treatment of Acute Tibial Shaft Fractures. Ilizarov Fracture Course - Surgical Advances in Fracture Management, Beaver Creek, CO, January, 1995.
28. Course Faculty: Tibial Pilon Technique (An Alternate Approach); Tibial Pilon Fracture; Periarticular Nonunions: Techniques and Results; Complications in Nonunion Treatment. Ilizarov Trauma Course, Snowbird, UT, January, 1995.
29. Course Faculty: Hybrid Fixation for Pilon Fractures; Small Wire Frames and Their Use in Complex Open Tibial Fractures; Tibial Plateau Fractures - The Role of Limited Internal Fixation and Hybrid External Fixation. Basic and Advanced AO/ASIF Course, Toronto, Ontario, Canada, February, 1995.
30. Course Faculty: Non-Unions and Post-Traumatic Osteomyelitis. 11th Ann AAOS Comprehensive Review Course, Chicago, IL, March, 1995.
31. Course Faculty: Retrograde IM Nail Techniques for Distal Femur Fractures; Tibial Fractures Management of Bone Loss; Distal Intra-Articular Humerus Fractures. 13th Ann Mid-Amer Ortho Assoc, Palm Beach, FL, April, 1995.
32. **Visiting Professor:** Management of Peri-Articular Injuries; Evolution of Tibial Shaft Fracture Management, Cleveland Clinic Foundation, Annual Alumni Alfred Lectureship, May, 1995.
33. **Visiting Professor:** Evolution of Tibial Fracture Management; Retrograde Femoral Nailing for the Polytrauma Patient, University of New Mexico, New Mexico Ortho Assoc Ann Mtg, June, 1995.
34. Course Faculty: Fracture Management with Ilizarov Techniques; Principles of Deformity Correction; Pilon Fractures. Advanced Ilizarov Methods Course, St. Louis, MO, September 1995.
35. Course Faculty: Pilon Fractures; PostTraumatic Contractures; Trauma Frame Applications. Ilizarov Advanced Trauma Course, Jacksonville, FL, October, 1995.
36. Course Faculty: Pilon Fractures; Osteomyelitis and Nonunions. Comprehensive Trauma Solutions Course, LaPaloma, Tucson, AZ, October, 1995.
37. Course Faculty: AO/ASIF Residents Basic Course. Ypsilanti, MI, October, 1995.
38. Course Faculty: Management of Complex Fractures. Hospital for Joint Disease Symposium, New York, NY, December, 1995.
39. Course Faculty: Pilon Fractures ORIF vs. Ex-Fix; Management of Tibial Plateau Fractures. Comprehensive Trauma Solutions Course, Beaver Creek, CO, January, 1996.
40. Course Faculty: Management of Pilon Fractures; Management of Complications; Elbow and Other Joint Contractures. Advanced Ilizarov Methods Course, Steamboat Springs, CO, February, 1996.

41. Course Faculty: Fracture Treatment and Bone Transport Use of Ilizarov Treatment. Pediatric Ortho Soc of N Amer, February, 1996.
42. Course Faculty: Fracture Healing: Non-Unions and Post-Traumatic Osteomyelitis. AAOS 12th Ann Comprehensive Review Course for Orthopaedic Surgeons, Chicago, IL, March, 1996.
43. Course Faculty: Non-Unions and Post-Traumatic Osteomyelitis. 12th Ann AAOS Comprehensive Review Course, Chicago, IL, March, 1996
44. Course Faculty: Retrograde Nail Techniques for Supracondylar Fractures About the Knee. Wayne State University Symposium - Fractures About the Knee, Detroit, MI, April, 1996.
45. Course Faculty: Management of Tibial Peri-Articular Injuries with Small Wire Fixators. Fracture Management Solutions, Columbus, Ohio, May, 1996.
46. **Visiting Professor:** Management of Tibial Peri-Articular Injuries, Harvard University, Combined Ortho Residency, May, 1996.
47. **Visiting Professor:** Complex Tibial Shaft Fractures; Peri-Articular Injuries of the Tibia. Michigan State University, Combined Residency Education Day, Lansing, MI, May, 1996.
48. Course Faculty: Tibial Plateau Fractures - External Fixator vs. Plate Debate; Management of Tibial Peri-Articular Injuries Using "Hybrid Techniques"; The Ends of the Tibia - Stretching the Rodding Indications, Complications and Alternatives. Fracture Management Course, Napa, CA, June, 1996.
49. **Visiting Professor:** The Use of Ilizarov Techniques for Fracture Management. 2nd Ann ASAMI Mtg, University of Tokyo Medical School, Tokyo, Japan, September, 1996.
50. Course Faculty: Treatment of Pilon Fractures: Plating: When and How; Segmental Bone Loss in the Tibia, What To Do; Soft Tissue Classification of Closed Injuries; I.M. Rod Supracondylar Fracture Fixation of the Femur. Ann HCMC Ortho and Trauma Seminar, Minneapolis, MN, October 1996.
51. Course Faculty: Tibial Plafond Treatment and Results; Indications for Wires and Rings in Acute Trauma. Advanced Ilizarov Methods, Cancun, Mexico, October, 1996
52. Course Faculty: Treatment of Distal Tibial Pilon Fractures with the Ilizarov Technique; Indications for Ilizarov Frames in Acute Trauma. International Congress on the Advances in the Ilizarov Method, Houston, TX, November, 1996.
53. **Visiting Professor:** Treatment of Peri-articular fractures Using Ilizarov Techniques. Bone Transport in the Acute Tibial Fracture. Bristol University. Bristol , UK. November 1996.

54. Course Faculty: Retrograde IM Nailing for Shaft and supracondylar Femur Fractures; Principles of Peri-Articular Fracture Management using Small Tensioned Wire External Fixators and Hybrid Fixation: Techniques and Results; Quick-Connect Circular Fixation for Tibial Pilon Fracture; Basic Principles of Nonunion Treatment Surgical Advances in Fracture Management. Beaver Creek , CO, January, 1997.
54. Moderator: Supracondylar Femur Session, AAOS 64th Ann Mtg, San Francisco, CA, February, 1997.
55. Course Faculty: It's Not Just the Bones: Orthopaedic Aspects of Soft Tissue Compromise, Compartment Syndrome and Crush Injuries. Fourth Ann Excellence in Trauma Nursing Conf, Dearborn, MI, March, 1997.
56. Course Faculty: Retrograde IM Nailing for Shaft and Supracondylar Femur Fractures; Principles of Hybrid Fixation for Pilon and Plateau Fractures. Current Controversies in the Management of Orthopaedic Trauma, Nashville, TN, March, 1997.
57. **Visiting Professor:** Retrograde Femoral Nailing, Ohio State University Medical Center, April, 1997.
58. **Visiting Professor:** Pilon Fractures Treated with Ilizarov Techniques, Northwestern University Medical School, April, 1997.
59. Course Faculty: Articular Fractures: Principles of Management; Spectrum of Stability. A/O Current Concepts and Advanced Courses, Colorado Springs, CO, May, 1997.
60. **Visiting Professor:** Retrograde Nail for Supracondylar and Mid-Shaft Femur Fractures. Harvard University, May, 1997.
61. Course Faculty: Tibial Peri-Articular Fractures: Rationale for External Fixation; Tibial Plateau Fractures: Role of External Fixation; Tibial Pilon Fractures. Trauma Update, Ypsilanti, MI, June, 1997.
62. Course Faculty: Tibial Plateau Fractures: External Fixation with Limited Internal Fixation for Type V and VI Fractures; Indications, Approaches, Perils. Practical Approaches & Techniques for Improved Fracture Management, AAOS, Rosemont, IL, June, 1997.
63. **Visiting Professor:** Trauma Ilizarov Techniques & Trauma Care, Humbolt University Medical School, Berlin, Germany, September 1997.
64. Course Faculty: 1) Pilon Fractures; 2) Management of Tibial Bone Loss; 3) Compass Elbow Hinge. Advanced Ilizarov Course, Cancun, Mexico, October 1997.
65. Course Faculty: 1) Tibial Pilon Fractures; 2) Retrograde Femoral Nailing; 3) Management of Tibial Bone Loss. Comprehensive Trauma Solutions Course. Beaver Creek , CO 1998.
66. Course Faculty: Advanced Ilizarov Course, Breckenridge CO, February 1998.
 - 1) Tibial Pilon Fractures;
 - 2) Tibial Fractures: Bone Transport in the Acute Situation

68. Instructional Course Lecture Faculty: AAOS 65th Annual Meeting, New Orleans, LA, March 1998.
 - 1) Intertrochanteric Hip Fractures
69. Course Faculty: 14th Annual Comprehensive Review Course for Orthopaedic Surgeons, #431. Chicago, IL, May 1998.
 - 1) Fracture Healing—Nonunions and Posttraumatic Osteomyelitis
70. Course Faculty: AAOS Current Controversies in the Management of Orthopaedic Trauma, Tucson, AZ, May, 1998.
 - 1) Tibial Plateau Frames
 - 2) Pilon Fracture Frames..
71. Course Faculty: 1) Management of Femoral/Tibial Nonunions. 2) Adult Femoral Shaft Fractures Using Retrograde Nailing. Lower Extremity Trauma: State-of-the-Art Treatment, Lansing, MI, June, 1998.
72. **Visiting Professor:** Spectrum of Retrograde Femoral Nailing: Tibial Pilon Fractures. University of Cincinnati, September 1998.
73. Course Faculty: 1) Pilon Fractures; 2) Arthrodistraction; 3) Management of Segmental Bone Loss. Advanced Ilizarov Course, Cancun, Mexico, October 1998.
74. **Visiting Professor:** 1) Pilon Fractures; 2) Fracture Healing and Biologics; 3) Use of Osteoset® Graft Substitutes. University of Melbourne, Melbourne, Australia, December 1998.
75. **Invited International Speaker:** 1) Mater Hospital Symposium “Biologic Breakthroughs in Orthopaedics.” 1) Biologics and Fracture Healing; 2) BMP, Use in Acute Trauma. Sydney Australia, December 1998.
76. Course Faculty: Stable Internal Fixation for Fractures: Lower Extremity. AAOS Instructional Course Lecture, Anaheim, CA, February 5, 1999.
77. Course Faculty: Fracture Healing—Nonunions and Post-traumatic Osteomyelitis. AAOS 15th Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, IL, March 14–19, 1999.
78. Course Faculty: A Prospective Treatment Protocol for the Management of Complex Open Grade IIIB and IIIC Tibial Shaft Fractures Utilizing Ilizarov Techniques. ABJS 1999 Annual Meeting, Amelia Island, FL, May 12–16, 1999.
79. Course Faculty: 1) Tibial Shaft Nonunions; 2) Plateau Fractures: External Fixation; 3) Pilon Fractures: Tensioned Wire Fixation in Orthopaedic Trauma: Perspectives for the New Millennium, Santa Fe, NM, May 20–23, 1999.
80. Course Faculty: 1) Pilon Fractures; 2) Tibial Plateau Fractures; 3) Proximal Femur Fractures (Elderly). AAOS/SBOT Trauma Review Course, Rio de Janeiro, Brazil, July 15–17, 1999.
81. **Visiting Professor:** Dislocations, Infections. WSU Orthopaedic Surgery Grand Rounds, Kresge Eye Institute, Detroit, MI, August 11, 1999.
82. Course Faculty: 1) Bone Graft Techniques/Substitutes for 1999; 2) Fractures of the Tibial Plateau. 4th Annual Residents Forum in Adult Reconstructive and Trauma Surgery, Chicago, IL, September 17–19, 1999.

83. **Visiting Professor:** Treatment of Periarticular Fractures using Ilizarov Techniques. Emory University School of Medicine Grand Rounds. Atlanta, GA, September 27, 1999.
84. **Visiting Professor:** The Spectrum of Retrograde Femoral Nailing—Where are we now? Atlanta Orthopaedic Society Meeting, Atlanta, GA, September 28, 1999.
85. **Visiting Professor:** External Fixators and the Trauma Patient. Critical Care Challenge Series Conference, Detroit Receiving Hospital, Detroit, MI, October 1, 1999.
86. Course Faculty: Moderator—Distal Tibia and Hindfoot. Practical Techniques for Improved Fracture Management, AAOS/OLC Course, Rosemont, IL, November 12–14, 1999.
87. Course Faculty: 1) Bone Grafting in Trauma; 2) Infected Nonunions; 3) Femoral Shaft Fractures; 4) Tibial Plateau Fractures. University of Texas Southwestern Medical Center, Fort Worth, TX, December 9–12, 1999.
88. Course Faculty: 1) Periarticular Tibia Fractures—Tibial Plafond Fractures; 2) Periarticular Fractures—Posttraumatic Complications. Surgical Advances in Fracture Management Course, Aspen, CO, January 23–26, 2000.
89. Course Chairman: Advanced Ilizarov Course, Breckenridge CO, February 16–19, 2000.
90. Course Faculty: 1) Retrograde Femoral Nailing; 2) Periarticular Fracture Management. Current Controversies and Trends in Orthopaedic Management, Tucson, AZ, March 2–4, 2000.
91. Course Faculty: 1) Stable Internal Fixation of Lower Extremity Fractures: Internal and external Fixation Techniques of Distal Tibial Plafond Fractures; 2) High-energy Fractures of the Distal Tibia: Small-wire hybrid techniques. Instructional Course Lectures. AAOS 67th Annual Meeting, Orlando, FL, March 15–19, 2000.
92. Course Faculty: 1) Humeral Shaft Fractures; 2) Perioperative External Fixation. AAOS Specialty Day, Orlando, FL, March 18, 2000.
93. **Visiting Professor:** Indiana Orthopaedic Society Annual Meeting. West Lafayette, IA, April 6–8, 2000.
94. Course Faculty: 1) Long Bone Nonunion: Ilizarov—Is it Still an Option? 2) Proximal Tibia Fracture Options: External Fixation. OTA Regional Update Trauma Meeting, Kansas City, MO, April 13–16, 2000.
95. Course Faculty: Fracture Healing—Nonunions and Posttraumatic Osteomyelitis. 16th Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, IL, April 30–May 5, 2000.
96. **Visiting Professor:** Fractures of the Tibial Plateau. Bi-County Community Hospital, Detroit, MI, July 27, 2000.
97. Course Faculty: Team Approach to Fracture Management. AO ASIF Nursing Continuing Education, Troy, MI, August 11–12, 2000.

98. Course Faculty: Retrograde Femoral Nailing ACCME Trauma Update Course. Las Vegas, NV, November 11, 2000.
99. Course Faculty: Trauma Tibial Fractures. COGMET Statewide Campus System Orthopaedic Surgery Education Day, Michigan State University, East Lansing, MI, January 10, 2001.
100. Course Faculty: Comprehensive Trauma Solutions Course. Beaver Creek, CO, January 12–15, 2001.
 - 1) Distal Periarticular Tibia Fractures: ORIF vs. External Fixation;
 - 2) Distal Tibial Circular Fixation
 - 3) Femoral Malunions/Nonunions: Treatment Approach.
101. Connective Tissue Unit—Trauma. Ortho Clinic Day, Wayne State University, Detroit, MI, February 15, 2001.
102. Course Faculty: 1) Stable Fixation for Fractures: Lower Extremity; 2) External Fixation of High Energy Distal Tibial Fractures. Instructional Course Lectures. AAOS 68th Annual Meeting, San Francisco, CA, February 28–March 4, 2001.
103. National Trauma Symposium, Miami Beach, FL, November 16–18, 2001
 - 1) External fixation of humeral shaft fractures; 2) Management of tibial nonunions; 3) Retrograde femoral nailing
104. Course Faculty: Analysis of Failure of Hybrid External Fixation Techniques for the Treatment of Distal Tibial Pilon Fractures. AAOS/ OTA Specialty Day, San Francisco, CA, March 3, 2001
105. Course Faculty: Fracture Healing—Nonunions. AAOS 17th Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, IL, March 25–30, 2001.
106. Course Faculty: Concepts in Arthroplasty, Trauma, and Sports Injuries. 14th Annual Smith-Nephew Winter Meeting, Gold Coast, Australia, July 14–17, 2001.
 - 1) Trauma: Tibial Plateau Fractures;
 - 2) Trauma—Ankle: Pilon Fractures;
 - 3) Trauma—Lower Limb: Retrograde Nailing Techniques.
107. Course Faculty: 1) Tibial Pilon Fractures: Limited Open Reduction and External Fixation; 2) Panel Discussion: Case Controversies: Shaft, Plateau, and Pilon Fractures; 3) Care of Infected Fractures Infection after ORIF; 4) Complex Knee Trauma. 17th Annual OTA Meeting, San Diego, CA, October 17–20, 2001.
108. Course Faculty: Orthopaedic Trauma Symposium, Tampa, FL, November 16–18, 2001.
109. **Visiting Professor:** 1) Ilizarov External Fixation in Trauma Situations; 2) New Bone Grafting Techniques. AORN Meeting, Southfield, MI, December 4, 2001.
110. Course Faculty: Distal Periarticular Fractures. Fracture Forum, Beaver Creek, CO, January 11–14, 2002.
111. **Visiting Professor:** Platelet Gel Techniques—The Value in Orthopaedic Traumatology, Louisville Orthopaedic Society, Louisville, KY, January 28, 2002.

112. **Visiting Professor** : Treatment of Complex Periarticular Tibial Fractures, Grand Rounds, University of Louisville, Louisville, KY, January 29, 2002.
113. **Visiting Professor**: Fracture healing and nonunion. WSU Orthopaedic Surgery Grand Rounds, Kresge Eye Institute, Detroit, MI, August 1, 2001.
114. Course Faculty: 1) External fixation of humeral shaft fractures; 2) Management of tibial nonunions; 3) Retrograde femoral nailing. DePuy Ace National Trauma Symposium, S. Miami Beach, FL, November 16–18, 2001.
115. **Visiting Professor**: 1) Ilizarov external fixation in trauma situations; 2) New bone-grafting techniques. AORN Meeting, Southfield, MI, December 4, 2001.
116. Course Faculty: Distal periarticular fracture management. 12th Annual Beaver Creek Trauma Symposium, Beaver Creek, CO, January 11–14, 2002.
117. **Visiting Professor**: Autologous growth factors—Use in orthopaedics and traumatology. Flint Academy of Orthopaedic Surgery Meeting, Flint, MI, January 22, 2002.
118. **Visiting Professor**: The use of autogenous bone-growth factors for orthopaedics and traumatology. Louisville Orthopaedic Society, Louisville, KY, January 28, 2002.
119. **Visiting Professor**: Management of complex periarticular fractures with small-wire techniques. University of Louisville Grand Rounds, Louisville, KY, January 29, 2002.
120. **Visiting Professor**: Future of bone-graft substitutes. Denver Orthopaedic Society, Denver, CO, February 7, 2002.
121. Course Faculty: ICL , AAOS 69th Annual Meeting, Dallas TX, Feb 13th-15th, 2002.
 - 1) External fixation of high-energy distal tibial plafond fractures
 - 2) High-energy tibial plateau fractures—the role of arthroscopy, external fixation, and less-invasive plating techniques.
122. Course Faculty: OTA Specialty Day AAOS 69th Annual Meeting, Dallas, TX, February 13–15, 2002. Program, Limb Lengthening and Skeletal Reconstruction, Dallas, TX, February 16, 2002.
 - 1) Analysis of failure of hybrid external fixation for treatment of tibial pilon Fx
 - 2) Management of complex periarticular fractures;
 - 3) Failed small-wire techniques don't throw away the plates and nails. .
123. **Visiting Professor**: Bone-graft substitutes—Past, present, and future. McMaster University School of Medicine Grand Rounds, Hamilton, ON, Canada, March 3, 2002.
124. Course Faculty: 2) Biomechanics of external fixation; 2) Pilon fractures; 3) Principles of nonunion care. Orthofix Limb Reconstruction Course, Salt Lake City, UT, March 15–22, 2002.
125. Course Faculty: Fracture healing, nonunions, and posttraumatic osteomyelitis. AAOS 18th Annual Comprehensive Review Course for Orthopaedic Surgeons, Chicago, IL, March 17–22, 2002.

126. **Visiting Professor:** Bone-graft substitutes, growth factors, and beyond. Phoenix Orthopaedic Society, Phoenix, AZ, March 26, 2002.
127. **Visiting Professor:** Bone-graft substitutes, growth factors, and beyond. Tucson Orthopaedic Society, Tucson, AZ, March 26, 2002.
128. **Visiting Professor:** Fracture healing, bone-graft substitutes, and bone-growth factors. University of Arizona School of Medicine Grand Rounds, Tucson, AZ, March 27, 2002.
129. Course Faculty: Breaking Down the Barriers in Orthopaedics. The Cleveland Clinic Educational Foundation, Cleveland, OH, April 26, 2002.
130. Course Faculty: 1) Distal peri- or intraarticular tibia (pilon) fracture management; 2) Lab: Pilon fractures. Essentials of Limb Lengthening, Limb Reconstruction, and External Fixation. ASAMI-NA 12th Annual Scientific Meeting, June 7–9, 2002.
131. **Visiting Professor:** 1) Bone-graft substitutes and growth factors: Practical uses for the clinician. 2) Distal femoral fractures. Harborview Scientific Symposium 2002, Seattle, WA, July 19–21, 2002.
132. Course Faculty: 1) Limited internal fixation with external fixation for pilon fractures. Residents Instructional Course Lecture. 2) Infected fractures. Symposium. OTA 2002 Annual Meeting, Toronto, ON, Canada, October 11–13, 2002.
133. **Visiting Professor:** Management of complete periarticular fractures of the tibia. St. Louis Orthopaedic Society, St. Louis, MO, October 16, 2002.
134. **Visiting Professor:** St. Louis University. Orthobiologics: Practical use in Orthopaedics and Traumatology. October 17th, 2002
135. **Visiting Professor:** Ortho-biologics and platelet gel. Tulsa Orthopaedic Society, Tulsa, OK, October 22, 2002.
136. **Visiting Professor:** Bone-graft substitutes. Maine Orthopaedic Society, Portland, ME, October 29, 2002.
137. Course Faculty: 1) Bone response to injury and bone substitutes; 2) Trauma: Knee. AAOS Review and Update Course for Practicing Orthopaedic Surgeons, San Francisco, CA, December 6–8, 2002.
138. Ankle Symposium Faculty: “External Fixation Works Well for All.” 33rd Annual Meeting of the American Orthopaedic Foot and Ankle Society. New Orleans, LA, February 8, 2003.
139. Bone and Soft Tissue Substitutes—What to Use and When in Trauma: Bone Morphogenic Proteins. Faculty presentation, OTA Specialty Day Program, New Orleans, LA, February 8, 2003.
140. Course Faculty: 1) Femoral Shaft Fractures; 2) Tibial Plateau Fractures; 3) Fracture Healing, Bone Substitutes & Inductive Factors. DePuy Senior Residents Program, Atlanta, GA, September 18-21, 2003.

141. **Visiting Professor:** Notre Dame Orthopaedic Society. South Bend IN.
1) Orthobiologics: Practical use in Orthopaedics and Traumatology.
September 23rd, 2003.
142. **Visiting Professor:** Failing Fixation. Edward T. Smith Lectureship 2003,
University of Texas Medical Center, Houston, TX, November 7, 2003..
143. Course Faculty AAOS Review and Update for Practicing Orthopaedic Surgeons
Newport Beach CA, Nov 1-2. 2003.
144. Course Faculty: 1) The Bottom Line – Pin Size, Frames, Pin Guards, Pre-drilling,
Coating: What You Need to Know; 2) Hands – On With Rotating Session: Jet X;
3) Ace Nail – Ace DePuy; 4) Lab – Ace. USF Current Solutions in Orthopaedic
Trauma 2003, Tampa, FL, December 4-6, 2003.
145. Course Faculty: 1) External Fixation of the Proximal Tibia; 2) Circular Wire
Fixation: Where are we now?; 3) Bone Graft Substitutes. 11th LSU Trauma
Management Workshop, New Orleans, LA, December 11-13, 2003.
146. Course Faculty: 1) Pilon Fractures: Limited Internal fixation with External
Fixation. 2) Tibial Plateau Fractures, 25th Annual Trauma course, University of
Pennsylvania. Snowmass Colorado, Feb 22-27th, 2004.
147. Course Faculty: 1) Pilon Fractures: Limited Internal fixation with External
Fixation. International Trauma Course, 71st Annual Meeting AAOS, March 9th
2004, San Francisco Ca.
148. Symposium Faculty: Commonly Used Bone Enhancers: Do we have Evidence of
Efficacy? 1) Pro position : Platelet Gels. 71st Annual Meeting AAOS, March 10th
14th, 2004, San Francisco Ca.
149. Faculty : Instruction Course Lecture: Cell-Based Therapies in for Bone and
Cartilage Repair - Current Strategies for Clinical Practice” 1) Clinical Cell
Based Bone Repair and Bone Fusion. Annual Meeting AAOS, March 10th – 14th
2004, San Francisco Ca.
150. Symposium Faculty: Cell-Based Therapies in for Bone and Cartilage Repair -
Current Strategies for Clinical Practice” 1) Clinical Cell Based Bone Repair and
Bone Fusion. Annual Meeting AAOS, March 10th – 14th, 2004, San Francisco
Ca
151. Faculty: Instruction Course Lecture: Tibial Plateau Fractures: Arthroscopic,
Percutaneous, and External Fixation Techniques:
1) External Fixation for Complex Plateau Fractures. Annual Meeting AAOS,
March 10th – 14th, 2004, San Francisco Ca.
152. Faculty A.S.A.M.I. Specialty Day Trauma Symposium:
1) Circular Fixation for Pilon Fractures. Annual Meeting AAOS, March 13th,
2004. San Francisco Ca.
153. **Visiting Professor.** University of California San Francisco Ca. April 2004
“Orthobiologics, Practical use in Orthopaedics and Traumatology”

154. Course Faculty OTA/AAOS Trauma Course. Phoenix, Arizona. May 2004
Lecture "Failing Fixation for Non-unions"
Lecture " Percutaneous Plating for Distal Femur Fractures"
155. Symposium faculty :20th Annual Orthopaedic Trauma Association Meeting Ft. Lauderdale Fl. Orthobiologics Symposium presentation October 9th, 2004.
156. **Visiting Professor**, University of Missouri. "External fixation for complex Peri-articular fractures. May 2004
157. **Visiting Professor**. University of Indiana. "Orthobiologics, Practicle Use In Orthopaedics and Traumatology, " Failing Fixation"June 2004.
158. Course Faculty 20th Annual Orthopaedic Trauma Association Meeting Ft. Lauderdale Fl. Residents fracture course. " Limited ORIF with External Fixation for Distal Tibial Pilon Fractures. October 12-15th, 2004
159. 20th Annual Orthopaedic Trauma Association Meeting Ft. Lauderdale Fl. 1) 1)
1) *Orthobiologics symposium., speaker* "Basic Science of Commonly used adjuvants for fracture healing" October 12-15th, 2004
160. 20th Annual Orthopaedic Trauma Association Meeting Ft. Lauderdale Fl.
Infected Fractures, panel discussion member. October 12-15th, 2004
161. Course Faculty Annual Senior Residents Review Course, Sept 2004, Atlanta Ga.
1) " Femoral Nailing"
2) " Orthobiologics"
3) " Fracture Healing and Nonunions"
162. St. Louis Regional NAON Fall Meeting lecture. Speaker. "Ilizarov Techniques.
1) From Russia to St. Louis." St. Lukes Hospital. Oct. 29th, 2004.
163. Course Faculty USF 2nd Annual Current Solutions in Orthopaedic Trauma.
Lectures Dec. 2004
1) Spatial Frame Deformity Correction
2) A Rational Discussion of Orthobiologics
3) Minimally Injectable Graft Substitute
164. Faculty Instructional Course Lecture. 72nd AAOS Annual Meeting March 23-26th, 2005. Commonly Used Bone Enhancers. Do WE Have Evidence of Efficacy? Pro Position : Platelet Gel
165. Symposium Faculty: 72nd AAOS Annual Meeting March 23-26th 2005
Nonunions: Evaluation and Treatment
1) External Fixation Treatment
166. Faculty OTA Specialty Day. 72nd AAOS Annual Meeting March 23-26th 2005
Hip Fracture Symposium: 1) Why I still like the Hip Screw
167. Course Faculty Lectures: Controversies in Orthopaedic Trauma. Copper Mt. CO. March 10-13, 2005
1) Ipsilateral Femoral shaft and Neck Fractures
2) Distal Femoral Fractures Nail VS. Plate
3) Pilon Fractures: Limited Fixation with External Fixation

168. Course Faculty A/O Regional Course. Advances in Plating March 14th, 2005.
Adams Mark Hotel ,St.Louis MO
 - 1) Orthobiologics : Use in Fractures and traumatology
169. **Visiting Professor:** Ohio State University
“Practical Applications of Orthobiologics” March 31, 2005
170. **Visiting Professor:** University of Michigan annual Stryker Memorial
lectureship. April 18th , 2005
 - 1) Orthobiologics: Common sense Approach
 - 2) Deformity Correction with External Fixation
171. Faculty Masters Fracture Forum. April 27-30th , 2005 Dana Point, Ca.
 - 1) Open Tibial Shaft Fracture Management and Complications
172. OTA Fracture Management and Emergencies Course. St. Louis MO May 13-
15th , 2005. Course Faculty
 - 1) Tibial Plateau Fractures: Avoiding Problems
 - 2) Lab Demo Tibial Plateau Fractures
 - 3) Wound Management: VAC / other wound Coverage
173. **Visiting Professor** Cleveland Clinic Annual Resident Research Day Honored
Alumni Speaker
“ From Rings and Wires to Plates and Screws.....Travels of an orthopaedic
Traumatologist” June 16th , 2005.
174. **Visiting Professor.** UCLA Harbor Dana Street Memorial Lecturship. June
23rd- 24th , 2005.
 - 1)“ Orthobiologics...Practical Use in Orthopaedics and Traumatology”
 - 2)“ Damage Control Orthopaedics”
 - 3)“ Rings and Wires....travels of a Journeyman Traumatologist”
175. **Invited Speaker:** Annual Missouri Orthopaedic Association Meeting. St. Louis
MO June 25th , 2005
 - 1) Orthobiologics...Practical Use in Orthopedics and Traumatology”
176. Course Faculty: Current and Evolving Techniques in Fracture Management..
Seattle ,Washington, July, 7-10th , 2005.
 - 1) Bone Graft Substitutes; Sulfate and Phosphates and Cements
 - 2) Non Unions with Deformity / Malunions
 - 3) Methodology of Plateau Fixation
177. Faculty : OLC Trauma Course OTA/AAOS.
September 23-25, 2005 Rosemont, IL.
 - 1) Knee Dislocations
 - 2) Tibial Fractures to Union
 - 3) Post Lateral knee reconstructions
178. Faculty OTA: 21st Annual meeting, Ottawa CA. Oct 20th -22nd , 2005
Symposium: Non-unions...
 - 1) Treatment using External fixation techniques”
179. Faculty: OTA 21st Annual meeting, Ottawa CA. Oct 20th -22nd , 2005
 - 1) Spatial frame techniques”

180. Faculty OTA: 21st Annual meeting, Ottawa CA. Oct 20th -22nd, 2005
 - 1) Spanning external fixation for complex tibial plateau fractures”
181. Faculty OTA : 21st Annual meeting, Ottawa CA. Oct 20th -22nd, 2005 Symposium.
 - 1) Pilon fractures: avoiding complications.
182. **Course Co-Chairman:** Watson JT, Sanders R Current Solutions in Orthopaedic Trauma. Dec. 8th-11th.2005, Orlando, FL
 - 1) Orthobiologics: Basic Science Overview for Fracture and Defect Augmentation
 - 2) Clinical Experience: Calcium sulfates (MIIG &OsteoSet)
 - 3) Common Sense Approach about use of these products: Cocktails, composites Costs and Realities
183. **Invited Speaker** : OTA/AAOS Extremity War Injuries: January 24th - 27th , 2006 Washington D.C.
 - 1) New Advances in Distraction Osteogenesis
184. Course Faculty: Controversies in Orthopaedic Trauma. Copper Mt. CO. Feb 9-13th, 2006
 - 1)Femoral neck fractures: ORIF vs. Hemiarthroplasty vs. Total hip Replacement
 - 2)Proximal Tibial plateau fractures
 - 3)Damage Control Orthopaedics
185. Faculty A/O Basic Residents Fracture Course: Ritz Carlton Hotel, St. Louis
 - 1) ForearmFractures.
186. Course Faculty: Masters Fracture Forum. April 6th-9th, 2006. Marriott Resort, Dana Point, CA.
“Complex Tibial Plateau Fractures”
187. Course Faculty: Update Course in Orthopaedic Trauma, AAOA/OTA . St Augustine FL. April 25-27th 2006.
 - 1) Orthobiologics
 - 2) Whats new in management of open tibial shaft fractures?
 - 3) Treatment options for distal tibial shaft fractures
188. Course Faculty: OTA Residents Fracture Course . Atlanta GA. May 4-5, 2006
 - 1). Ipsilateral neck shaft fractures
 - 2) Common sense approach in Orthobiologics
 - 3) Femoral nailing : Set up and Technique for Trochanteric entry nailing.
189. **Visiting Professor.** University of Arizona, Tucson AR. June 23-24th 2006 Annual Resident Research Day presentations
 - 1) Treatment of complex nonunions with external fixation techniques
 - 2) Orthobiologics in Orthopaedics and Traumatology
190. **Invited Guest Lecture,** Advancements in Ring Fixators for Trauma 12th Annual San Antonio Trauma Symposium. Sept 19-21, 2006.
191. Symposium moderator: Orthobiologics, Basic Science Form. 22nd Annual Meeting OTA. Phoenix ,AZ. Oct 3-7, 2006.

192. Symposium Faculty: Tibial Nonunions Use of External Fixators for nonunion Treatment ,22nd Annual Meeting OTA. Phoenix ,AZ. Oct 3-7, 2006.
193. Symposium Faculty: Open Fracture Management
Changing role of external fixation for open fracture management.
22nd Annual Meeting OTA. Phoenix ,AZ. Oct 3-7, 2006
194. **Invited guest Speaker** 1st Annual FOT International Trauma Symposium
Marvin L. Shelton Memorial Lectureship.
November 3-4th , 2006 Orlando FL. Swan /Dolphin Hotel.
195. **Co-Chairman** 4th Annual Current Solutions in Orthopaedic Trauma. November 16- 19, 2006. Hyatt Regency Grand Cypress Hotel. Orlando, FL
Lectures:
 - 1) Basic Science Overview of Orthobiologics.
 - 2) Taylor Spatial Frame: A new Ilizarov?
 - 3) Cost, Realities, and Common Sense Approach to Orthobiologics
196. Invited Faculty: AAOS/OTA Techniques in Orthopaedic Trauma. December 8-10, 2006. Orthopaedic Learning Center
Rosemont Illinois
 - 1) Compartment Syndrome of the Foot
 - 2) Minimally Invasive Plating of the Distal Femur
 - 3) Damage Control Orthopaedics
197. Course Faculty: Essentials of External Fixation. Keystone, CO. Jan. 2007
 - 1) Peri-articular Distal Tibial Pilon Fractures
 - 2) Proximal Plateau Fractures
 - 3) Management Tibial Bone loss
198. Symposium faculty: Fractures / Dislocations About the Knee.
Lecture: 1) Management of Tibial Plateau Fractures and Proximal Tibial Fractures, Faculty: Stannard, J, Watson JT, Cannada, L, Ricci, W.
Annual Meeting American Academy of Orthopaedic Surgeons Feb. 14-18th , 2007
San Diego CA
199. LLRS Specialty Day Lecture: Limb Salvage vs. Amputation: When to call it Quits. LLRS Specialty Day. Annual Meeting American Academy of Orthopaedic Surgeons Feb. 17th , 2007 . San Diego CA
200. OTA Specialty Day Symposium: Locked Plating Pitfalls and Complications
Moderator and Speaker: Lecture: 1) Locked Plating-A salvation or Complication? OTA Specialty Day. Annual Meeting American Academy of Orthopaedic Surgeons Feb. 17th , 2007 . San Diego CA
201. OTA Specialty Day Symposium Faculty: Fixation of Common Fractures, Does Reduction Matter? Lecture: Femoral Shaft, extra-articular distal femur Fractures with retrograde nails. OTA Specialty Day. Annual Meeting American Academy of Orthopaedic Surgeons Feb. 17th , 2007 . San Diego CA

202. Course Faculty: OTA Residents Advanced Trauma Techniques Course
March 30 - 31, 2007. Chicago Marriott O'Hare Rosemont, IL
 - 1) Rationale for Locked Plating in Tibial plateau fractures
 - 2) Orthobiologics, Basic Review
 - 3) Management of Segmental tibial Bone Loss.
203. Course Faculty: 7th Annual AAOS/OTA Comprehensive Trauma Course
April 12 - 15, 2007. The Renaissance Resort at World Golf Village. St. Augustine, FL.
 - 1) Orthobiologics, whats New?
 - 2) Tibial Plateau Fracture Management
 - 3) Case Presentations...Tibial pilon, talus, calcaneous fx.
204. **Invited guest speaker.** Missouri Orthopaedic Association Annual Meeting. June 1-2, 2007. Chase Park Plaza Hotel , Saint Louis , MO
 - 1) "Whats new in Orthobiologics"
 - 2) Panel Discussion. "Practice concerns in academic medicine"
205. **Course Chairman:** Orthopaedics Trauma & Extremities Fracture Fixation Symposium Sept. 12-14th 2007
Practical Anatomy Workshop, St. Louis University School of Medicine
St. Louis, MO
 - 1) Distal femur fractures: Indications and techniques for contemporary limited incision plating.
 - 2) Proximal tibial fracture fixation options and techniques.
206. **Visiting Professor** Invited Guest Speaker, York Orthobiologic Symposium, York, England. September 16th-18th 2007
 - 1) Orthobiologics, Practical use in Orthopaedics and Traumatology
 - 2) Iliac Aspirate use in fracture fractures and nonunion.
207. Course Faculty. Innovative Techniques For Long Bone Fractures.
Marriott Napa Valley . Sept. 26th-29th, 2007
 - 1) Evidence based use for BMPs and DBM: When to Use Them and How do They Work?
 - 2) Tibial Plateau Fractures: Roles for Bone Graft Substitutes and Posterior Medial Plates
 - 3) Indications and techniques for spanning fixation in acute fractures.
208. Symposium Faculty "Complications of Trauma" "Nonunion etiology and prevention." OTA 23rd Annual Meeting, Boston, MA. Octo 17th-20th, 2007.
209. Mini Symposium Faculty, "Misapplication Of Orthopaedic Technology "Ring Fixators with Spatial Hinges." OTA 23rd Annual Meeting, Boston, MA. October 17th-20th, 2007.

210. Course Faculty. Orthopaedic Reconstruction and Trauma –New treatment Innovations . Oct 26th and 27th, 2007 San Francisco, California.
 - 1) Tibial Plafond Fractures; Current Treatment Techniques
 - 2) Extra-articular Distal Femur Fx: To Rod or to Plate?
 - 3) Evidence Based Use of BMP's in Orthopaedic Trauma
 - 4) Special guest lecture: Confessions of an Orthopaedic Trauma Surgeon; My last 20 years.
211. Invited Faculty: AAOS/OTA Techniques in Orthopaedic Trauma. December 6-8, 2007. Orthopaedic Learning Center Chicago Ill.
 - 1) Proximal tibial fractures: Fixation options
 - 2) Whats new in Trauma Resuscitation?
 - 3) Orthobiologics for Orthopaedics and Traumatology
212. **Visiting Professor.** UC San Diego. 25th Annual Malcom B. Couts San Diego Western Orthopaedic Association Visiting Professor. Feb 1st. 2008.
 - 1) Orthobiologics: Practical use in Orthopaedics and Traumatology
 - 2) Femoral Nailing: Where are we now?
 - 3) Current concepts in proximal tibial per-articular fracture management
 - 4) 20s years in Orthopaedic traumatology.....my life with Plates, Nails and wires.....
213. Course Faculty: Orthopaedic Trauma: Concepts to Controversies Feb. 12-15th, 2008. Snowmass Colorado
 - 1) Orthobiologics : Management of Subchondral Defects
 - 2) Common Sense approach to Nonunion and the role for BMP-S and DBM-s
214. Course Faculty: AAOS/ORS Symposium: Forming Bone in Difficult Situations. 1)Assessment and Use of new and Existing Technologies for BONE Restoration in Difficult Fractures. AAOS 75th Annual Meeting San Francisco, CA. March 3-8, 2008
215. Course Faculty: Instructional Course Lecture: Making Sense of Bone Graft Substitutes: Practical Use Orthopaedics and Traumatology.
 - 1) Introduction and Basic Science Review of Available Adjuvants
AAOS 75th Annual Meeting, San Francisco, CA. March 3-8, 2008.
216. **Invited Speaker:** OTA Specialty Day: Retrospective of care for difficult fractures “My 20 year retrospective on Pilon fractures: What have we learned?”
OTA Specialty Day. AAOS 75th Annual Meeting San Francisco,CA. March 2008
217. **Visiting Professor:** Cleveland Orthopaedic Society Annual Presidents Lecture March 16th, 2008.
 - 1) Management of complex proximal Tibial Fractures
 - 2) Evolution of Femoral Nailing: Where are we Now?

218. Course Faculty: Masters Fracture Forum. Ritz Carlton Hotel, Laguna Niguel, CA April 24th- 26th, 2008.
 - 1) Open Tibial Shaft Fractures.
219. **Invited Special Guest Speaker:** International **SIGN** conference: Treatment of Difficult Fractures Around the World. Sept 17th-20th, Richland WA.
 - 1) Infected nonunions and bone defect management.
 - 2) Management concepts for peri-articular fractures
220. **24th Annual OTA Meeting Presidential Address:** When I break my hip who will take care of me????Are the Iron Men all gone? J. Tracy Watson M.D. President OTA 2008 - 2009 .
221. Course Faculty: 38th Annual Orthopaedic and Trauma symposium Minneapolis, Minnesota November, 20-22, 2008. Lectures:
 - 1) Comminuted (Type III) Pilon Fractures
 - 2) Reduction Techniques for Tibial Plateau Fractures
 - 3) P.R.P.: What is it?? Does it Work?
 - 4) Trochanteric vs Priformis Starting Point: Does it Make a difference?
222. Course Faculty: AAOS/OTA Strategies and Tactics in Orthopaedic Extremity Trauma. Orthopaedic Learning Center, Chicago Ill. Dec 4-6, 2008. Lectures Given:Femoral Head and Femoral Neck Fractures: Assessment, Treatment Options and Techniques. Smith Peterson – Watson Jones approach to the hip.
223. **Course Co- Chairman:** 6th Annual Current Solutions in Orthopaedic Trauma Arizona Biltmore Resort and Spa, De. 11-13th, 2008. Lectures:
 - 1)Orthobiologics: Basic Science Overview for Fractures and Defect Augmentation
 - 2)Osteoinductive Biologics: The Stimulators: Platelet Gels and DBM
 - 3)Supracondylar Femur Fractures: When to nail.
224. Symposium Faculty: Instructional Course Lecture: Making Sense of Bone Graft Substitutes: Practical Use Orthopaedics and Traumatology. “ Introduction and Basic Science Review of Available Adjuvants” AAOS 76th Annual Meeting, Las Vegas, NV. Feb. 25-28, 2009.
225. Symposium Faculty: Bone Defects: When Are Orthobiologics Indicated? Fractures, any Stage from Acute to Nonunions AAOS 76th Annual Meeting, Las Vegas, NV. Feb. 25-28, 2009.
226. Symposium Faculty: Myth Busters AAOS 76th Annual Meeting, Las Vegas, NV. Feb. 25-28, 2009
 - 1) I don't have to get up at Night as there are no True Orthopaedic Emergencies.
 - A. Talar neck fractures
 - B. Compartment syndrome
 - C. Femoral neck fractures
227. Masters Fracture Forum: April 23rd- 25th, 2009, Laguna Beach CA. Symposium Faculty Presentation
 - 1) Proximal tibial plateau fracture

228. Course Faculty: AAOS/ASSH General Orthopaedic Review Course, July 9, 2009; Chicago, IL. 1) Lower Extremity Trauma Review: Knee to ankle
229. Course Faculty: OTA Symposium: Nonunions and Malunions. Gold S, Watson JT, Ricci W, Virkus,W. 25th Annual OTA meeting San Diego CA 2009
230. Symposium Moderator: Traumatologist as an Educator
25th Annual OTA meeting San Diego CA 2009
231. Course Faculty: OTA Symoisum: Options For Bone Defect Management
Watson JT, Bone Transport. 25th Annual OTA meeting San Diego CA, 2009.
232. **Course Co-Chairman**...JT Watson/ Roy Sanders ; 7th Annual Current Solutions in Orthopaedic Trauma, October 28-31,2009, Marriott Waterside Hotel, Tampa FL
 - 1) Orthobiologics: Basic science overview for fracture and defect management
 - 2)Nonunion malunion after hip fracture fixation : What do I do now?
 - 3)Supracondylar nonunions of the femur, what to do?
233. Course Faculty: Trauma and upper extremity / Arthroplasty Course
Marriott Hotel, Napa valley CA , November 6-7 2009. JT Watson
 - 1) Distal humeral and supracondylar fractures current treatment strategies
 - 2) Care of the Post Traumatic Stiff Elbow
 - 3) Tibial Pilon Fractures When to Plate, when to treat with an Ex-Fixator.
234. Course Faculty: Course Faculty: AAOS/OTA Strategies and Tactics in Orthopaedic Extremity Trauma. Orthopaedic Learning Center, Chicago Ill. Nov. 19-21, 2009.
 - 1) Femoral Head and Femoral Neck Fractures: Assessment, Treatment Options and Techniques.Smith Peterson – Watson Jones approach to the hip.
235. AAOS Specialty Day presentation: American Orthopaedic Foot and Ankle Society Specialty Day Orthobiologics symposium. AAOS Annual Meeting, New Orleans LA. 2010
J.T Watson: Orthobiologics for Traumatology and Reconstruction a Traumatologist Perspective.
236. AAOS Specialty Day presentation: Orthopaedic Trauma Association Specialty Day
AAOS Annual Meeting New Orleans LA , 2010
J.T.Watson: Avoiding Complications: Bicondylar Tibial Plateau Fractures
237. Course Faculty: 5th Annual San Francisco Trauma Course, April 22-24th, 2010.
Proximal Tibial Plateau Fractures
- 238, **Course Chairman**: Advanced Techniques in External Fixation
Denver CO, April 29th- May 1,2010.
 - 1) Peri-articular Fractures management and Complications.
 - 2) Corticotomy Techniques.
239. **Visiting Professor**, Summa Health Systems, 2nd Annual Yassine Orthopaedic Trauma endowed lectureship. June 4th, 2010. Akron City Hospital Campus
 - 1) Orthobiologics for Orthopaedics and Traumatology
 - 2) Femoral Nailing:....Where are We Now?"

240. Course Faculty: AAOS/ASSH General Orthopaedic Review Course, July 15TH, 2010; Chicago, IL. 1) Lower Extremity Trauma Review: Knee to ankle
241. Course Faculty: Current Concepts in Orthopaedic Trauma July, 26th-27th, 2010 Auckland NZ.
 - 1) Proximal Femur Fractures
 - 2) Femoral Shaft and Distal Femur Fractures
242. Course Faculty: Current Concepts of External Fixation. July, 28th- 29th, 2010 Auckland NZ.
 - 1) History Review of External Fixation
 - 2) Introduction to Spatial Frame Software
 - 3) Distal/Proximal Per-Articular Fracture Management
243. Course Faculty: Australasian Masters's Fracture Forum. July, 29th-31st, 2010 Auckland NZ
 - 1) Open Tibial Fractures
 - 2) The Multiply Injured Patient
244. Course Faculty: Cleveland Clinic Orthopaedic Surgery Alumni Symoisum. Sept. 23rd-25th, 2010. Cleveland, Ohio.
 - 1) Myths in Orthopaedic Traumatology:
 - Timing of Femoral neck Fractures
 - Displaced Talus Fractures
 - Evaluation of Soft Tissues and Timing of Wound Closure for Open Fractures
245. OTA Symposium: Bone Defect Repair
Use of Osteobiologics in Bone Defects : Presentation OTA Annual Meeting Baltimore, MD Oct. 2010.
246. OTA Symposium: Nonunions and Malunions
Case Presentations: Infected Nonunions.OTA Annual Meeting, Baltimore, 2010.
247. Course Faculty: 8th Annual Current Solutions in Orthopaedic Trauma, November 2010.
 - 1) Tibial Plateau Fractures: A Treatment Algorythm
 - 2) Overview of Orthobiologics
 - 3) Reverse Obliquity Hip Fractures : Treatment and Outcomes
248. Course Faculty: AAOS/OTA Strategies and Tactics in Orthopaedic Trauma, December 2010. Chicago Ill. Lectures:
 - 1) Femoral Neck Fractures
 - 2) Surgical Approaches to the Hip
249. Course Faculty: OTA Advanced Trauma course for Residents, Jan 13th-15th, 2011 Phoenix AZ.
 - 1) Bicondylar Tibial Plateau Fractures: Approach and Fixation Requirements.
 - 2) Gd III B open tibial shaft Fx. Coverage options, Timing of Closure, and Temporizing Measures.

250. **Course Chairman:** Osteobiologic Summit Program
Westin Colonnade Hotel Coral Gables. Jan. 27-28th Coral Gables, Florida
 - 1) Osteobiologics – Basic Science Overview
 - 2) Next Generation Osteoconductive Scaffolds
 - 3) Osteogenic / Patient Derived Therapies
 - 4) Osteoinductive Technologies
251. Symposium faculty: Orthopaedic Mythbusters: AAOS Annual Meeting , Feb, San Diego, CA, 2011
 - 1) Hip Dislocations
 - 2) Orthobiologics
252. Course Faculty: ICL: Bone Defects: When Are Orthobiologics Indicated?
AAOS Annual Meeting, Feb, San Diego CA, 2011
253. Course Faculty: ICL 445, Safe and Effective Use of Biologics in Orthopaedic Surgery: What Surgeons Need to Know,
 - 1) Orthobiologics for the Trauma surgeon.
AAOS Annual Meeting, Feb, San Diego CA, 2011
254. Symposium Faculty: Subchondral Defects: Case Reviews
OTA Specialty Day, AAOS Annual Meeting, San Diego, CA. 2011.
255. **Course Chairman:** Advanced Techniques in External Fixation
Houston TX, March 31st - April 2nd, 2011.
 - 1) Peri-articular Fractures :Management and Complications.
 - 2) Corticotomy Techniques.
256. Course Faculty: 11th Annual AAOS/OTA Orthopaedic Trauma Update, Lake Buena Vista, FL. March 31 - April 2, 2011.
 - 1) Femoral Neck Fractures in Young Patient- Reduction Techniques, Fixation, When and How to Open
 - 2) Symposia – Failure of Fixation/Wrong Implant Choice/Poor Intraop Decision
Daniel S. Horwitz, MD, Steven J. Morgan, MD, and J. Tracy Watson, MD
 - 3) Orthobiologics – Fact, Fiction, and Marketing
257. Course Faculty: OTA Orthopaedic Trauma Fellows Course, April 14th - 17th, 2011.
Boston, MA
258. Course Faculty: 6th Annual San Francisco Orthopaedic Trauma Course. April 28th-30th. 2011, Intercontinental Hotel.
 - 1) Bone Grafting Options: Novel Biocomposites to BMS's
 - 2) Subchondral defects: What is the best bone void filler?
 - 3) Treatment algorithms: Infected nonunions
259. **Visiting Professor:** University of Iowa Department of Orthopaedic Surgery:
Annual Senior Research Day and Graduation Program Guest Speaker
June 10th - 11th, 2011.
 - 1) Femoral nailing: Where are we now?
 - 2) Orthobiologics: Fact , Fiction, Marketing?

260. **Visiting Professor**, East Tennessee State, Dept. Of Orthopaedic Surgery
Williamsport Tennessee. August 17th 18th, 2011
 - 1) Orthopaedics and the management of the Poly traumatized patient.
 - 2) Femoral Nailing ..Where are we Now?
261. Course Faculty: Master Techniques in Orthopaedic Trauma
New York Omi Berkshire Place Sept. 22nd, 23rd, 2011
 - 1) Management Of Complex Pilon Fractures
262. Course Symposium: OTA Annual Meeting, San Antonio, TX Oct 12th-15th 2011
Basics of Trauma care, Part 1 and Part 2
 - 1) Orthobiologics
 - 2) Management Of Femoral Neck Fractures In Young Patients
 - 3) Complex Tibial Plateau Fractures
 - 4) Case presentations
263. Course Faculty: Advances In Orthopaedic Trauma And Lower &
Upper Extremity Arthroplasty, November 4th - 5th, 2011
Omni San Francisco, San Francisco, CA
 - 1) Treatment of the Ipsilateral Femoral Neck/Shaft Fracture: What is Optimal in 2011?
 - 2) Tibial Pylon Fractures: Current Treatment Techniques
 - 3) How I Treat Humeral Fractures - Top to Bottom
264. Course Faculty: AAOS/OTA. Strategies and Tactics in Orthopaedic Extremity
Trauma, Dec. 1-3, 2011. Orthopedic Learning Center, Rosemont, Il..
 - 1) Fixation and Reduction Techniques for Bicondylar Tibial Plateau Fractures Concepts
265. Course Faculty: Extremity War Injuries Symposium: Washington D.C
January 18-20th, 2012
 - 1) Moderator Session: Bone Defect Management
 - 2) Current Concepts For Management Of Acute Traumatic Bone Defects
266. Course Faculty: Osteobiologic Summit, Jan. 27-28th Miami, Florida, 2012.
 - 1) Next Generation Osteoconductive Scaffolds
 - 2) Osteogenic / Patient Derived Therapies
 - 3) Osteoinductive Technologies
267. Course Faculty: ICL 244, Safe and Effective Use of Biologics in Orthopaedic
Surgery: What Surgeons Need to Know,
 - 1) Orthobiologics for the Trauma surgeon.AAOS Annual Meeting , Feb, San Francisco CA, 2012.
268. Symposium Faculty: Orthopaedic Mythbusters: AAOS Annual Meeting , Feb, San
Francisco , CA, 2012
 - 1) Acute Management of Infected Fractures
 - 2) Humeral Shaft Fractures

269. **Invited Speaker:** LLRS Specialty Day Program, AAOS Annual Meeting , Feb, San Francisco CA, 2012.
 - 1) History of Trauma External Fixation Concepts: Nothing is New in External Fixation.
270. **Invited Speaker:** OTA Specialty Day. AAOS Annual Meeting , Feb, San Francisco CA, 2012.
 - 1) Management of Peri-articular Fractures: Ring fixators vs Percutaneous ORIF
271. **Course Co-chairman:** Essentials of Taylor Spatial Frame, March 8th-9th, 2012, Las Vegas, NV
 - 1) History of External Fixation
 - 2) Distal/Proximal Peri-Articular Fracture Management
 - 3) Biology of Regenerate and Corticotomy Technique
272. **Course Faculty:** OTA Orthopaedic Trauma Fellows Course March 15 –18, 2012 Boston, MA
 - 1) Your practice, what resources do you need?
 - 2) Smith- Peterson surgical approach for femoral neck / acetabular fxs
273. **Visiting Professor,** University of Utah, Grand rounds and resident case presentations.
 - 1) Treatment of femoral shaft fractures: Where are we now?
274. **Course Chairman:** Biologics Science Summit. St. Petersburg, FL. April 13th, 2012.
 - 1) Evidence Based medicine: What is it?
 - 2) Orthobiologics Overview
275. **Course Faculty:** 7th Annual San Francisco Orthopaedic Trauma Course. April 18th- 21st, 2012.
 - 1) DVT Prophylaxis in Trauma Patients
 - 2) Diagnosis And Treatment of Acute Infections In The Presence of Implants
 - 3) Fractures of The Hindfoot: Talus
276. **Course Faculty:** Masters Fracture Forum. Los Angeles CA, May 11th, 12th, 2012 Management of failed pilon fracture fixation.
277. **Course Co-chairman:** Essentials of Taylor Spatial Frame, July 13th-14th, 2012, Memphis, TN
 - 1) History of External Fixation
 - 2) Distal/Proximal Peri-Articular Fracture Management
 - 3) Biology of Regenerate and Corticotomy Technique
278. **Course Chairman:** Biologics Science Summit. Phoenix AR. Sept. 14th , 2012.
 - 1) Evidence Based medicine: What is it?
 - 2) Orthobiologics Overview
279. **Course Faculty:** Master Techniques in Orthopaedic Trauma New York Omi Berkshire Place Sept. 21nd, 22nd, 2012
 - 1) Management Of Complex Poly trauma patients
280. **Symposium faculty:** Plateaus and Pilon: The Posterior Perspective: OTA Annual Meeting , Minneapolis MN. Oct 3rd-6th, 2012.

Lecture: Posterior tibial plateau approach and indications

281. Invited lecture: International Orthopaedic Trauma Care Forum, OTA Annual Meeting , Minneapolis MN. Oct 3rd-6th, 2012.
Lecture: State of the Art Treatment of Open Fractures
282. Course Faculty: Orthopaedic Trauma Boot Camp, OTA Annual Meeting , Minneapolis MN. Oct 3rd-6th, 2012.
Lectures: 1) Orthobiologics
2) Femoral Neck Fractures in Younger Patients
283. Course Faculty: Young Practitioners Forum, OTA Annual Meeting , Minneapolis MN. Oct 3rd-6th, 2012.
Lecture: Things you never thought of.
284. **Visiting Professor**, William Beaumont Hospital- Oakland University Department of Orthopaedic Surgery , Grand Rounds and Resident education course : Complex Chronic Deformity Course. Detroit MI. Oct. 12th, 2012.
Invited Lectures: 1) Bone Transport: Indications , techniques and results
2) History of deformity correction and external fixation
3) Tibial nonunion: Plates / Nails vs External fixation concepts
285. Course **Co-Chairman**: AAOS/OTA. Strategies and Tactics in Orthopaedic Extremity. Trauma, Nov. 29th-Dec. 1st , 2012. Orthopedic Learning Center, Rosemont, Il..
1) Fixation and Reduction Techniques for Bicondylar Tibial Plateau Fractures Concepts
286. Webinar **Chairman: AAOS Bone Graft Substitutes; January 15, 2013**
1) Orthobiologics: Basic Science overview for Orthopaedics and Traumatology
287. **Course Co-Chairman**. Miami Trauma Forum. February 8–9, 2013 Miami, FL
1) Supracondylar Fractures of the Distal Femur
2) Surgical approaches to Distal Femur and Hip
288. Course Faculty: Orthopaedic Trauma Review course, AAOS Annual Meeting March 19th, Chicago, Ill. 2013
1) Foot and Ankle Trauma Review
289. Course Faculty: ICL 124: PRP, BMP, Stem Cells : What surgeons need to know AAOS Annual Meeting March 20th-23rd , Chicago, Ill. 2013
1) Orthobiologics for the Traumatologist.
290. Course Faculty: ICL 445: Advances in Treatment and Understanding of Musculoskeletal Infections. AAOS Annual Meeting March 20th-23rd , Chicago, Ill. 2013
1) Management of Infected Bone and Resultant Bone Defects
291. Course Faculty: ICL 429: Complex Trauma to Shoulder Girdle Including Clavicle, Scapula and Proximal Humerus: Current Concepts in Diagnosis & Treatment. AAOS Annual Meeting March 20th-23rd , Chicago, Ill. 2013
1) Current Concepts For Treatment For Acute Fracture, Malunion, Nonunion Of The Clavicle

292. Course Faculty: Orthopaedic Trauma Mythbusters. AAOS Annual Meeting March 20th-23rd, Chicago, Ill. 2013
 - 1) Intra-Op Cultures Have No Role In The Management Of Open Fractures And Should Be Abandoned.
 - 2) Complex Tibial Plateau Cases
293. Course Faculty: LLRS Specialty Day. Osteomyelitis Best Evidence . AAOS Annual Meeting March, 23rd, Chicago, Ill. 2013
 - 1) Orthobiologics: Resorbable Delivery Vehicles:
294. Course Faculty: OTA Specialty Day. Management Of Complex Nonunions. AAOS Annual Meeting March, 23rd, Chicago, Ill. 2013
 - 1) Management of Segmental Bone Defects
295. Course Faculty: OTA Orthopaedic Trauma Fellows Course. April 18th-21st, 2013 Boston, MA
 - 1) Your practice, what resources do you need?
 - 2) Smith- Peterson surgical approach for femoral neck / acetabular fxs
296. **Course Chairman:** Biologics Science Summit. Phoenix AR. May 3rd,4th, 2013
 - 1) Evidence Based medicine: What is it?
 - 2) Orthobiologics Overview
297. **Visiting Professor:** Harvard Combined Orthopaedic Surgery Residency, May 30th Grand Rounds:
 - 1) Femoral nailing: Where are we now? Evolution and Hx of intramedullary nailing of the femur
 - 2) Deformity correction and Spatial Frame mechanics
298. **Visiting Professor:** Penn State Orthopaedic Surgery Residency, June 6th, 7th 2013 Resident research day Invited visiting professor Grand Rounds:
 - 1) Femoral nailing: Where are we now? Evolution and Hx of intramedullary nailing of the femur
 - 2) Orthobiologics: Valuable asset or marketing hype?
 - 3) Progression of Deformity correction and external fixation
299. **Course Co-chairman:** Spatial Frame Techniques, Advanced Course August 2nd, 3rd, 2013. Memphis, TN
 - 1) Distal/Proximal Peri-Articular Fracture Management
 - 2) Biology of Regenerate and Corticotomy Technique
 - 3) Bone transport techniques and frame setups
300. Course Faculty: Current Solutions in Orthopaedic Trauma, Bal Harbor , FL Sept 19th -22nd 2013
 - 1) Orthobiologics: Basic Science Overview
 - 2) Supracondylar Nonunions: What to Do?
 - 3) Nonunion after Fixation: What Do I Do Now?

301. Course Faculty: Orthopaedic Trauma Boot Camp, OTA Annual Meeting, Phoenix, AR. Oct 9th-13th, 2013.
 - 1) Orthobiologics
 - 2) Femoral Neck Fractures in Younger Patients
302. Course Faculty: Young Practitioners Forum, OTA Annual Meeting , OTA Annual Meeting, Phoenix, AR. Oct 9th-13th, 2013.
 - 1) Things you never thought of.
303. Basic Science Forum, OTA Annual Meeting, OTA Annual Meeting, Phoenix, AR. Oct 9th-13th, 2013.
 - 1) Bone graft extenders: Which ones work?
304. Course Faculty: Advances in Orthopaedic Trauma, San Francisco, CA. October 25th & 26th, 2013.
 - 1) Multiplanar external fixation: role of divergent pins
 - 2) Bone Graft Substitutes: Where are we in 2013?
 - 3) External fixation as primary treatment for tibial pilon fractures: Current Indications
305. Course Faculty: AO Webinar: Tibial Pilon Fractures for Fellows November 13th, 2013.
 - 1) Current indications for circular frames
306. **Course Chairman:** AAOS/OTA Strategies and Tactics In Orthopaedic Trauma Orthopaedic Learning Center, Dec 5th-7th, 2013 Chicago , Ill.
 - 1) Fixation and Reduction Techniques for Bicondylar Tibial Plateau Fractures Concepts
307. Instructional Course Lecture : Thin Wire Fixation: An Overview. 2014 AAOS Annual Meeting. New Orleans, LA . March 10th -15th 2014.
 - 1) History and Biomechanics of external fixation
 - 2) Biology of the Regenerate
308. AAOS/OTA Trauma Review Course. AAOS Annual Meeting. New Orleans LA. March 10th -15th 2014.
 - 1) Ankle and Foot: comprehensive trauma review.
309. AAOS Symposium: Common Fracture Treatment, What's the Evidence?
 - 1) Tibial Plateau Fractures: When to Lock and How to Fix. AAOS Annual Meeting. New Orleans, LA. March 10th -15th 2014.
310. Instructional Course Lecture: Advances in Treatment and Understanding of Musculoskeletal Infections.
 - 1) Management of Infected Bone and Resultant Bone Defects. AAOS Annual Meeting. New Orleans, LA. March 10th -15th 2014.
311. Instructional Course Lecture: Complex Trauma to Shoulder Girdle Including Clavicle, Scapula and Proximal Humerus: Current Concepts in Diagnosis and Treatment.
 - 1) Clavicle fractures, malunion and nonunion. AAOS Annual Meeting. New Orleans, LA. March 10th -15th 2014.

312. Course faculty. Miami Trauma Forum. March 28th, 29th, 2014 Miami, FL
 - 1) Treatment of Proximal tibial shaft and Plateau fractures
 - 2) Surgical approaches to the Proximal tibia and distal tibia.
313. Course Faculty: OTA Orthopaedic Trauma Fellows Course. April 3rd-6th, 2014 Boston, MA

Keynote Address: *Reconstruction Using Ilizarov techniques*

Other lecture topics

 - 1) Your practice, what resources do you need?
 - 2) Smith- Peterson surgical approach for femoral neck / acetabular fx
314. Course Faculty: Annual San Francisco Orthopaedic Trauma Course. April 23rd- 25th, 2014.
 - 1) Ankle fractures in at risk Patients
 - 2) New concepts in open tibia shaft fractures reducing infection
 - 3) Bone graft extenders : Which ones work?
315. Course Faculty: Masters Fracture Forum. Los Angeles CA, May 15th, - 17th, 2014
 - 1) Management of segmental tibial defects
316. Course Faculty: AO Webinar: Segmental Defects for Fellows May 21st, 2013.
 - 1) Bone transport, distraction histogenesis.
317. **Visiting Professor:** University of Cincinnati, **Key note Lecture**, May 31st, 2014
 - 1) Femoral Nailing: Where Are we Now?
318. **Course Chairman:** Advanced Taylor Spatial Frame Techniques Course, Memphis, TN. June 6th, 7th, 2014.
 - 1) Distal/Proximal Peri-Articular Fracture Management
 - 2) Biology of Regenerate and Corticotomy Technique
 - 3) TSF for Malunions
319. Course Faculty: Introduction to Motorized Intramedullary Limb Lengthening June 12-13, 2014, Woodwinds Health Campus Woodbury, MN
 - 1) Basics of Intramedullary Nailing – From Nuts to Bolts
 - 2) Assessing Bone Regenerate, adjusting your rate.
 - 3) Complications of Intramedullary Reaming
 - Bleeding
 - Fat Embolism
 - Ischemic Necrosis
 - Fracture
320. Course Faculty: Contemporary Issues in IM Nailing. University of Colorado September 27th, 2014, Hyatt Regency, Denver, Colorado.
 - 1) Hx of IM Femoral Nailing: Where Are we Now?
 - 2) Indications and Techniques of Nailing Proximal Tibial Shaft Fractures

321. Course Faculty: Course Faculty: Current Solutions in Orthopaedic Trauma, Bal Harbor , FL Sept 18th-20nd 2014
- 1) What is the Role of the Circular Frame?
 - 2) Distal Femoral Nonunions: Revise or Replace ?
 - 3) Nonunion after Fixation: What Do I Do Now?
322. Webinar Course Faculty: AAOS Virtual Course: "AAOS/OTA Managing Long Bone Nonunions" #3639, September 18 – October 9, 2014
- 1) Operative Treatments of Tibial Nonunions
323. **Visiting Professor:** University of Wisconsin and Wisconsin State Ortho Society **Keynote Speaker.** October 10th, Madison , Wisconsin. 2014
- Invited lectures:
- 1) History of Femoral Nailing. Where are we Now?
 - 2) Orthobiologics: Next Revolution in Orthopaedic or Marketing Hype?
324. Symposium Faculty: Bone Graft Substitution and Augmentation Invited lecture: Basic Science symposium presentation. OTA 30th Annual meeting, Tampa , FL., Oct 14- 18th, 2014.
- 1) Calcium Phosphates and Sulfates: When I Use Them and Which One I Use.
325. Course Faculty: Orthopaedic Boot Camp. OTA 30th Annual meeting, Tampa , FL., Oct 14- 18th, 2014.
- Invited Lectures:
- 1) Orthobiologics
 - 2) Femoral neck fractures In the Young Adult
326. Course Faculty: Young Practitioners Forum. OTA 30th Annual meeting, Tampa , FL., Oct 14- 18th, 2014.
- Invited Lecture:
- 1) It's the Little Things that Matter
327. Mini Symposium Faculty: Circular Fixation: Applications for the Trauma Surgeon OTA 30th Annual meeting, Tampa , FL., Oct 14- 18th, 2014.
- Invited lectures:
- 1) Hx and Biomechanics of Circular Fixation
 - 2) Corticotomy: Biology and Technique
328. **Course Co-Chairman:** Advanced SAIF Course for Trauma Fellows and Senior residents. Nov. 14th-15th, 2014. Memphis Marriott West, Memphis TN
- 1) Spanning external Fixation: When and How?
 - 2) Treatment of Tibial plateau fractures: Algorithms for plating
329. **Visiting Professor, Resident Research Day,** University of Nebraska , Department of Orthopaedic Surgery, Omaha NB. November 21st, 2014.
- Key Note Address:** ."Deformity Correction : From Calculus To An Erector Set On Steroids".

330. Course Faculty: AAOS/OTA Strategies and Tactics In Orthopaedic Trauma
Orthopaedic Learning Center, Dec 4th-6th, 2014 Chicago , Ill.
 - 1) Fixation and Reduction Techniques for Bicondylar Tibial Plateau Fractures Concepts
331. **Course Co-Chairman:** Basic Taylor Spatial Frame Techniques Course. Denver CO. Feb. 5th -6th, 2015.
 - 1) Distal/Proximal Peri-Articular Fracture Management
 - 2) Pin insertion techniques and complication of frames
 - 3) Biology of Regenerate and Corticotomy Technique
332. **Visiting Professor, Micheal Mazurik Orthopaedic Trauma Lectureship**, Naval Medical Center San Diego. February 11th, 2014.
 - 1) Femoral Nailing Evolution. Where are we in 2015?
 - 2) Deformity Correction : From Calculus To An Erector Set On Steroids".
333. European Masters Trauma Symposium, **International Invited Guest Speaker**
February 19th-21st, 2015. Hilton Hotel International, Basel, Switzerland.
 - 1) Complex proximal tibial plateau injuries
 - 2) Short segment vascular repair in the face of tibial bone loss.
334. Course Faculty: AO Webinar: Tibial Pilon Fractures for Fellows
March 4th, 2015.
 - 1) Current indications for circular frames
335. Course faculty:. Miami Trauma Forum. March 6th-7th, 2015 Miami, FL
 - 1) Orthobiologics
 - 2) Proximal femoral fractures: Intertroch and "Peritrochanteric injuries"
336. Biologics Toolbox for Bone Defects. Scientific Exhibit. Leucht P, Watson JT.
AAOS Annual Meeting March 24-27th, 2015. Las Vegas , NV.
337. Periarticular Fractures of the Tibia: The Case for Going Prone. Case Presentations
Course Faculty: AAOS Annual Meeting March 24-27th, 2015. Las Vegas , NV.
338. Watson JT, Symposium V :Cell-Based Therapies in Orthopaedics: Common
Sense Approach for the Practicing Orthopaedic Surgeon: Co-Moderator.
Description, Technique, and Application of Iliac Aspiration for Cellular Application
: AAOS Annual Meeting March 24-27th, 2015. Las Vegas , NV
339. Instructional Course Lecture: Advances in Treatment and Understanding of
Musculoskeletal Infections.
 - 1) Management of Infected Bone and Resultant Bone Defects. AAOS Annual Meeting. March 24-27th, 2015. Las Vegas , NV.
340. Instructional Course Lecture: Complex Trauma to Shoulder Girdle Including
Clavicle, Scapula and Proximal Humerus: Current Concepts in Diagnosis and
Treatment.
 - 1) Clavicle fractures, malunion and nonunion. AAOS Annual Meeting, March 24-27th, 2015. Las Vegas , NV.
341. Course Faculty: Masters Fracture Forum. Los Angeles CA, April 16th -18th, 2015
 - 1) Management of segmental tibial defects

342. Course Faculty: OTA Orthopaedic Trauma Fellows Course. April 23rd-26th , 2015
Boston, MA
1) Deformity correction : pre op planning and execution
343. Course Faculty: Annual San Francisco Orthopaedic Trauma Course.
April 30th- May 2nd, 2015.
1) Top 10 lessons learned for tibial nonunion treatment
2) Top 10 lessons learned for tibial fixation
3) Orthobiologic choices for bone void filler
344. **Visiting Professor and Invited Guest Speaker**, U.C. Davis 2015 Paul, R. Lipscomb
Alumni Society. Graduate Research Symposium. Sacramento CA, June 18th, 19th,
2015.
Resident Lecture: Rings and wires in a Plates and Screws World.
Invited Keynote lecture , clinical and research symposium: The Evolution of
Femoral Nailing...Where are we Now?
345. Course Faculty: Current Solutions in Orthopaedic Trauma
Sept 18th, 19th, 2015. Ritz Carlton , Miami .Fl.
1) Bicondylar tibial plateau fractures and patterns of dislocation
2) Void Fillers: White Paste or Bone
3) How to work up a Nonunion and Potential Infection
346. Course Faculty: Orthopaedic Trauma Boot Camp, OTA Annual Meeting ,
San Diego, California Oct.6th-10th. 2015.
Lectures: 1) Orthobiologics
2) Femoral Neck Fractures in Younger Patients
347. Basic Science Forum Symposium: Management of bone Defects
Invited Lecture: The Role of Biologics in Bone Defect Management.
Watson JT.
Basic Science Forum, Orthopaedic Trauma Association Annual Meeting
San Diego CA. October 7th, 2015.
348. Course Faculty: Young Practitioners Forum. OTA 31st Annual meeting, San Diego,
CA., Oct 8th, 2015.
Invited Lecture:
1) It's the Little Things that Matter
349. Case presentations: Periarticular Fractures of the Tibia: The Case
for Going Prone.
Course Faculty: OTA 31st Annual meeting, San Diego, CA., Oct 9th, 2015.
350. **Course Co-Chairman:** Advanced SAIF Course for Trauma Fellows and Senior
residents. Nov. 20th-21st, 2015. Memphis Marriott West, Memphis TN
1) Spanning external Fixation: When and How?
2) Treatment of Tibial plateau fractures: Algorithms for plating
351. Webinar Faculty: AAOS/OTA Fundamentals of Trauma Series
Watson JT: Management of Humeral shaft fractures.
December 1st, 2015.

352. Course Faculty: AAOS/OTA Strategies and Tactics In Orthopaedic Trauma
Orthopaedic Learning Center, Dec 4th-5th, 2015, Chicago , Ill.
 - 1) Femoral Neck Fractures
-Stable vs Unstable, CRPP vs ORIF, Hemi vs THA
 - 2) Tibial Plateau Fractures
-Classification, Approaches, Techniques
353. Course Faculty: 2016 Resident Advanced Trauma Techniques Course
Hilton Orlando – Lake Buena Vista, FL
January 29-30, 2016
Module Leader: Complications; Nonunion, malunion, infection, soft tissue and bone loss. Compartment syndrome.
354. Course Faculty: Advanced Femoral Nailing Course: Chase Park Plaza Hotel.
February 18, 2016 St. Louis, MO
Indications and technique , tips and tricks, Inter-Tan and Meta-Tan IM nails for peri-riochantric and femoral shaft fractures.
355. Course Faculty: Periarticular Fractures of the Tibia: The Case for Going Prone.
Case Presentations
AAOS Annual Meeting March 1st-5th, 2016. Orlando, FL.
356. Course Faculty:
Lecture: Update on Biologics - What I am Using Now: LLRS Specialty Day
Program
AAOS Annual Meeting March 1st-5th, 2016. Orlando, FL.
357. Course Faculty: Update in reconstruction, How I know it
Lecture: Nonunions: What Really Matters?
OTA Specialty Day Program. AAOS Annual Meeting March 1st-5th, 2016.
Orlando, FL.
358. Course Faculty: AO Webinar: Tibial Pilon Fractures for Fellows
March 9th, 2016.
 - 1) Current indications for circular frames
359. **Invited Guest Speaker.** Annual Spring Trauma Symposium. Michigan Orthopaedic
Society. Inn At St. Johns, April 5th, 2016, Plymouth MI.
 - 1) Tibial Plateau Fractures : Bicondylar patterns made easy
 - 2) Orthobiologics: Fact Fiction or Market Hype?
360. Course Faculty: OTA Orthopaedic Trauma Fellows Course. April 4th -10th , 2016
Boston, MA
 - 1) Non union malunion: pre op planning and execution
361. Course Faculty: Masters Fracture Forum. Los Angeles CA, April 14th -16th, 2016
 - 1) Management femoral neck / shaft fractures

362. A/O webinar Faculty: AONA Webinar - LE Deformity: Options for Tibial Deformity. April 27th, 2016.
Watson JT. Use of the Hexapod fixator for tibial deformity correction.