

August 22, 2008

CURRICULUM VITAE

Richard Thomas Laughlin, M.D.

Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation

Wright State University Boonshoft School of Medicine

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EDUCATION

<u>Institution</u>	<u>Concentration</u>	<u>Degree/Date</u>
Robert E. Lee High School, Houston, TX	General/Valedictorian	Diploma, 1980
University of Notre Dame, Notre Dame, IN	Philosophy	B.A., 1984
Texas Tech University, Lubbock, TX	Sports Medicine/Highest Honors	M.S., 1986
Master Thesis: "The Effect of Lateral Knee Bracing on Valgus Laxity at the Knee Joint" Advisors Burkhardt W, Yost R.		
Texas Tech University Health Sciences Center Lubbock and El Paso, TX	Medicine	M.D., 1988

POSTGRADUATE EDUCATION

<u>Description</u>	<u>Date</u>
General Surgery Internship Department of Surgery Southern Illinois University School of Medicine, Springfield, IL 62794 Chairman: Alan G. Birtch, M.D.	1988-1989
Orthopaedic Surgery Residency Division of Orthopaedics & Rehabilitation Southern Illinois University School of Medicine, Springfield, IL 62794 Chairman: E. Shannon Stauffer, M.D.	1989-1993
Orthopaedic Surgery and Rehabilitation Rotation (Elective) Rancho Los Amigos Medical Center, Downey, CA 90242 Director: John Hsu, M.D.	Jan-June 1991
E. Burke Evans Foot & Ankle/Infection Fellowship University of Texas Medical Branch, Galveston, TX 77555 Director: Jason H. Calhoun, M.D.	1993-1994
AO/ASIF Fellowship – Foot & Ankle Trauma/Reconstruction Harborview Medical Center/University of Washington, Seattle, WA 98104 Director: S.T. Hansen, Jr., M.D.	Aug-Sept 2001

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ACADEMIC EXPERIENCE

<u>Institution</u>	<u>Position</u>	<u>Date</u>
Texas Tech University Health Science Center Department of Anatomy School of Allied Health 3601 4 th Street, Lubbock, TX 79430	Teaching Assistant	1985-1986
Wright State University Boonshoft School of Medicine Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation 30 E. Apple Street, Suite 2200, Dayton, OH 45409	Assistant Professor Associate Professor Residency Program Director Chair	1994-1998 1998-Present 2004-Present 2008-Present

BOARD CERTIFICATION

American Board of Orthopaedic Surgery – Certification	1996-2006
American Board of Orthopaedic Surgery – Recertification	2006-2016

MEDICAL LICENSE

<u>State</u>	<u>License #</u>	<u>Date</u>	<u>Status</u>
Illinois	036-083051	1991-Present	Inactive
Ohio	66979	1994-Present	Active
Texas	H6369	1989-1996	Expired

OTHER CERTIFICATION

FLEX	1988
Advanced Trauma Life Support (ATLS) Provider Certification	1989
OssaTron/Orthotripsy (ESWT)	2001-Present
Advanced Trauma Life Support (ATLS) Instructor, Recertified	2002 and 2006

PROFESSIONAL EXPERIENCE

<u>Institution</u>	<u>Position</u>	<u>Date</u>
University of Texas Medical Branch 301 University Blvd, Galveston, TX 77755	ATLS Instructor	1994
Miami Valley Hospital One Wyoming Street, Dayton, OH 45409	Co-Director, Foot & Ankle Center ATLS Instructor	1994-Present 1996-Present
AO North America 1700 Russell Road, Paoli, PA 19301	Faculty	2004-Present

PROFESSIONAL MEMBERSHIP

International

<u>Association</u>	<u>Status</u>	<u>Date</u>
AO North America	Member	2002-Present
Alumni Association	Faculty	2004-Present

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PROFESSIONAL MEMBERSHIP/National

<u>Association</u>	<u>Status</u>	<u>Date</u>
Alpha Omega Alpha Medical Honor Society	Member	2003-Present
American Academy of Orthopaedic Surgeons	Candidate Member	1992-1996
	Fellow	1997-Present
American Association of Orthopaedic Foot & Ankle Surgeons	Member	1999-Present
American College of Surgeons	Candidate Member	1992-2000
	Fellow	1992-Present
American Medical Association	Member	1997-Present
American Orthopaedic Association	Member	2007-Present
American Orthopaedic Foot & Ankle Society	Member	1997-Present
AOFAS Post-Graduate Education and Training Committee	Member	2007-2010
Orthopaedic Trauma Association	Member	1998-Present
Pedorthic Footwear Association	Member	1999-Present

Regional

<u>Association</u>	<u>Status</u>	<u>Date</u>
G.W.N. Eggers Society	Member	1994-Present
Mid-America Orthopaedic Association	Member	2000-Present
Program Committee	Member	2007-2010
Program Committee	Chair	2008-2009
Membership Committee	Member	2008-2009
Notre Dame Orthopaedic Society	Member	1994-Present
Ohio Orthopaedic Society	Member	1997-Present
Southern Illinois University	Member	1993-Present
Orthopaedic Alumni Association		
Texas Medical Association	Member	1984-1988
Vernon Nickel-Rancho Los Amigos Alumni Association	Member	1992-Present

Local

<u>Association</u>	<u>Status</u>	<u>Date</u>
Dayton Orthopaedic Society	Member	1994-Present
	Director	1997-2007
Montgomery County Medical Society	Member	1997-Present
Wright State University Heritage Society	Member	2006-Present

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PROFESSIONAL AWARDS

<u>Award Title</u>	<u>Granting Association</u>	<u>Date</u>
Conoco Scholarship	University of Notre Dame	1980
Resident Teaching Award	Wright State University Boonshoft School of Medicine	1997
Resident Teaching Award	Wright State University Boonshoft School of Medicine	1998
Golden Crutch Award	Wright State University Boonshoft School of Medicine	1999
Excellence in Medical Education & Research First Place, Meyerding Essay Contest	Dayton Academy of Medicine	2000
Resident Teaching Award	American Fracture Association	2000
	Wright State University Boonshoft School of Medicine	2000
Nominated and Awarded Membership	Alpha Omega Alpha Medical Honor Society	2003
Resident Teaching Award	Wright State University Boonshoft School of Medicine	2003
Second Place, Resident Research Paper Contest	Miami Valley Hospital	2006
Nominated and Awarded Membership	American Orthopaedic Association	2007
Carl Nelson Research Award	Mid-America Orthopaedic Association	2008

TEACHING

Wright State University Boonshoft School of Medicine

<u>Course</u>	<u>Date</u>
MS3 Surgery Rotation – Orthopaedics/ Lecturer	1994-1999
MS4 Orthopaedic Surgery/Neurology – Lecturer	1994-1999
MS2, MS3, MS4 Clinical Rotations/ Preceptor	1994-Present
MS4 Students pursuing orthopaedics/ Advisor	1995-Present
<ul style="list-style-type: none">• Piero Capeci (1995-1996)• William McDonald, Brian Moran (1996-1997)• James Kerpsack, Tim Moore, Scott Zimmer, James Delocello (1997-1998)• Jeff Kovacic (1998-1999)• Mike Herbenick (1999-2000)• Jim Rosneck (2000-2001)• Marlo Oyster, Jerry Ahluwalia (2002-2003)• William Abouhassan, David Foulk, Karl Siebuhr (2003-2004)• Tim Miller (2004-2005)• Kenny Edwards, Jon Gant, Mike Griesler, Kavita Iyengar (2005-2006) Matt Jones, Steve Parada, Mike Riggerbach• Jon Gozdanovic, Carrie DeHoff, Matt Hess, Paul Lagler, (2006-2007) Michael Mariscalco, John West, Abdul Baker• Justin Mistovich, Kyle Randall (2007-2008)• Jimmy Lyons, Chris Redman, Brian Imbrogno, Jon Chae, Brandi Schoonover (2008-2009)	

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TEACHING (Continued)

Wright State University Boonshoft School of Medicine

Course

Date

MS4 Students pursuing orthopaedics/ Advisor (Continued)	1995-Present
<ul style="list-style-type: none">• Erin Ely (2009-2010)• Kelly Roshon, Nathan Barnes (2010-2011)	
Introduction to Clinical Medicine – Orthopaedics	1998-Present
MS4 Subinternship – Orthopaedics	2000-Present
Director	2000-2006
MS2 Musculoskeletal Organ System Orthopaedic Portion/ Director	2000-2004
MS3 – Orthopaedics/ Clerkship Director	2000-2004

Wright State University Boonshoft School of Medicine

Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation

Course

Date

Resident Curriculum Schedule	1994-2000
Bi-monthly Foot & Ankle X-ray Review	1994-Present
Monthly Journal Club	1994-Present
Monthly Trauma X-ray Review	1994-Present
Orthopaedic In-Training Exam Review/Foot & Ankle	1994-Present
Resident Research Projects – Mentor	1994-Present
<ul style="list-style-type: none">• Fred Reeve (1994)• Greg Reveal (1995)• Matthew Lawless (1995-1996)• James Hartson, Mike Welker (1996)• William Vitello (1997-1998)• Aaron Buerk (1999-2001)• Joe Rubino (2000-2001)• Barry McDonough (2001-2002)• Dominic Sprott (2002-2003)• Matthew Gorman, Nicholas Grisoni (2003)• Martin Janout, Robert Mitchell (2003-2004)• Jerry Ahluwalia, Karl Siebuhr (2004)• Branyan Booth (2004-2006)• Paul Sensiba (2005-2006)• Manny Konstantakos, Nate Williams (2006-2008)• Orthopaedic Trauma Research Fellow/Indresh Venkatarayappa, MD (2006-2008)• Mike Iossi, Paul Peters (2007-2008)• Mike Coffey, Mark Stouffer (2008-2009)	
Weekly Grand Rounds Presentations	1994-Present

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Wright State University – Biomedical Engineering (Graduate)

<u>Course</u>	<u>Date</u>
Bill Billotte	1995-1996
Thesis Advisor to Bryan Jones – “Analysis of Hybrid External Fixators”	1999-2000
Thesis Advisor to Johanna Bell – “Quantification of Motion between the Tibia and Fibula in Below Knee Amputations”	2005-2006
Ph.D. Dissertation Advisor to Amy R. Bierce – “Determining the Presence or Absence of a Pre-fall Change in Sway”	2006
Junitha Michael – Total Ankle Replacement Bioengineering – Masters Degree Non-Thesis	2006-2009
Shawn Gargac – Total Ankle Replacement – PhD Advisor	2007-2009
Amy Sipp – A System for Determining the Existence of a Pre-Fall Change in Sway Dissertation Committee	2008

Wright State University – School of Nursing

<u>Course</u>	<u>Date</u>
Thesis Advisor to Kathryn Lindbergh – “Patterns of Use of Motorcycle Helmets”	1999

Miami Valley Hospital Student Preceptor Program – College Students

<u>Course</u>	<u>Date</u>
Preceptor for high school and college students interested in orthopaedics	1994-Present
David Wenzke – Foot and Ankle Orthotics	1997
Ben Kleinhenz	2002, 2003

Wright State University – Department of Physical Education

<u>Course</u>	<u>Date</u>
Athletic Trainers – Upper Level Course/Lecturer	2003-Present

Wright State University – Department of Bioengineering (Undergraduate)

<u>Course</u>	<u>Date</u>
Senior Design Project – Shawn Gargac and Ashkahn Goshani Design of a Total Ankle Replacement	2007-2009

Post Graduate

<u>Course</u>	<u>Institution</u>	<u>Date</u>
ATLS – Instructor	American College of Surgeons	1994-Present
Adult Reconstruction Symposium – Director	Miami Valley Hospital	August 1997
Foot and Ankle Symposium – Director	Miami Valley Hospital	October 1997
Shoulder Symposium – Director	Miami Valley Hospital	January 1998
Orthopaedic Trauma Symposium – Director	Miami Valley Hospital	April 1998
Pediatric Fractures Symposium – Director	Miami Valley Hospital	June 1999

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TEACHING/Post Graduate (Continued)

<u>Course</u>	<u>Institution</u>	<u>Date</u>
Annual Meeting Scientific Program – Chairman	Ohio Orthopaedic Society	May 1999
Upper Extremity Nerve Injuries – Director	Miami Valley Hospital	September 1999
The Adult Knee – Director	Dayton Orthopaedic Society	April 2001
A 21 st Century Approach to Fracture Care – Director	Miami Valley Hospital	March 2002
AO Basic Fracture Course – Chairman For Nurses and Operating Room Personnel	Miami Valley Hospital	April 2002
Foot and Ankle Symposium – Director	Dayton Orthopaedic Society	March 2003
AO Operating Room Personnel Course – Director	Miami Valley Hospital	May 2004
Basic Principles of Orthotics and – Director Prosthetics Course	Elizabeth Place, Dayton, OH	April 2005
2 nd Annual Orthotics & Prosthetics Course – Director	Elizabeth Place, Dayton, OH	February 2006
Foot and Ankle Symposium	Dayton Orthopaedic Society	September 2006
3 rd Annual Orthotics & Prosthetics Course – Director	Miami Valley Hospital	March 2007
Fall Visiting Professor Planning Committee Musculoskeletal Tumor	Dayton Orthopaedic Society	September 2007
Annual Meeting Program Committee	Mid-America Orthopaedic Association	2007-2010
Annual Meeting Program Committee – Chair	Mid-America Orthopaedic Association	2008-2009
4 th Annual Orthotics & Prosthetics Course – Director	Miami Valley Hospital	March 2008
Graduation Visiting Professor Planning Committee Joint Reconstruction	Wright State University Boonshoft School of Medicine	June 2008

PRINTED SCHOLARSHIP

Books

1. Calhoun JH, **Laughlin RT** (eds). *Fractures of the Foot and Ankle*. Boca Raton, FL: Taylor and Francis Group, 2005.

Articles

Peer Reviewed

1. **Laughlin RT**, Smith KL, Adair DM. Displacement of an uncemented acetabular component after dislocation of a total hip prosthesis. *Journal of Arthroplasty*. 1992;7(3):297-301.
2. **Laughlin RT**, Smith KL, Russell RT, Hayes JM. Functional outcome of Grade III tibia fractures covered with free muscle flaps. *Journal of Orthopaedic Trauma*. 1993;7(2):123-129.
3. **Laughlin RT**, Chambers RB. The Syme amputation in patients with severe diabetes mellitus. *Foot and Ankle*. 1993;14(2):65-70.
4. **Laughlin RT**, Calhoun JH, Mader JT. The diabetic foot. *JAAOS*. 1995;3(4):218-225.
5. Fisk JR, Peterson HA, **Laughlin RT**, Lutz R. Spontaneous fusion following subcutaneous instrumentation for scoliosis. *Journal of Pediatric Orthopaedics*. 1995;15:182-186.
6. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular calcaneus fractures treated with the Galveston plate. *Foot and Ankle International*. 1996;17(2):71-78.

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PRINTED SCHOLARSHIP/Articles/Peer Reviewed (Continued)

7. Wright DG, Taitsman LP, **Laughlin RT**. Pelvic and bladder trauma: A case report and subject review. *Journal of Orthopaedic Trauma*. 1996;10(5):351-354.
8. **Laughlin RT**, Werries BA, Verhulst SJ, Hayes JM. Patellar tilt in total knee arthroplasty. *American Journal of Orthopaedics*. 1996;25(4):300-304.
9. Wright DG, **Laughlin RT**, Uddin DE, McCarthy M. The functional outcome of bilateral calcaneus fractures. *Surgical Forum*. 1996;XLVII:606-609.
10. Lawless MW, Wright DG, **Laughlin RT**, Lemmon GW, Rigano W. Massive injuries to the pelvis treated with amputation. *Journal of Trauma*. 1997;42(6):1169-75.
11. Reeve F, **Laughlin RT**, Wright DG. Endoscopic plantar fascia release: An anatomic study of structures at risk. *Foot and Ankle International*. 1997;18(7):398-401.
12. **Laughlin RT**, Reeve F, Wright DG, Mader JT, Calhoun JH. Calcaneal osteomyelitis secondary to nail puncture wounds. *Foot and Ankle International*. 1997;18(9):575-577.
13. Lawless MW, **Laughlin RT**. Cutaneous innervation of the medial/dorsal aspect of the first toe: An anatomic study. *Foot and Ankle Surgery*. 1998;4:119-121.
14. **Laughlin RT**, Mader JT, Calhoun JH. Calcaneal osteomyelitis: An analysis of aetiology and pathogenic organisms. *Foot and Ankle Surgery*. 1999;5:171-177.
15. Lawless MW, **Laughlin RT**, Kerpsack JM, Pisut D. Elution of antibiotic from Tobramycin-impregnated bone graft substitute. *Journal of Musculoskeletal Research*. 2000;4(2):129-134.
16. Reveal GT, **Laughlin RT**, Capecci P, Reeve FM. Diabetic foot care survey. *Foot and Ankle International*. 2001;22(9):739-743.
17. Lawless MW, Reveal GT, **Laughlin RT**. Dynamic foot pressure measured in normal individuals. *Foot and Ankle International*. 2001;22(7):594-597.
18. Gorman M, Ahluwalia G, **Laughlin RT**. Subtalar dislocation following ankle fusion: A report of three cases. *Foot and Ankle International*. 2005;26(8):656-659.
19. **Laughlin RT**, Benirshke S, Buckley R. Case controversy: Calcaneal fractures – To fix or not to fix. *Journal of Orthopaedic Trauma*. 2005;19(5):356-359.
20. Konstantakos EK, **Laughlin RT**, Markert RJ, Crosby LA. Follow-up on misrepresentation of research activity by orthopaedic residency applicants: Has anything changed? *J Bone Joint Surg Am*. 2007;89(9):2084-2088.
21. Konstantakos EK, Dalstrom DJ, Nelles ME, **Laughlin RT**, Prayson MJ. Diagnosis and management of extremity compartment syndromes: An orthopaedic perspective. *The American Surgeon*. 2007;73(2):1199-1209.
22. Konstantakos EK, Dalstrom DJ, **Laughlin RT**, Miller S, Shapiro M. Uniplanar external fixation for care of circumferential extremity burn wounds in adults. *Journal of Burn Care and Research*. 2007;28(6):892-896.
23. Grisoni N, Foulk D, Sprott D, **Laughlin RT**. Simultaneous Bilateral Hip Fractures in a Level I Trauma Center. *Journal of Trauma*. 2008;(65).
24. Hess M, Booth BA, **Laughlin RT**. Calcaneal avulsion fracture: Complications from delayed treatment. *The American Journal of Emergency Medicine*. 2008;26(2):254.e1-4.
25. Randall K, Russel C, Miller A, **Laughlin RT**. Use of an acellular regenerative tissue matrix in combination with vacuum assisted closure therapy for treatment of a diabetic foot wound. *The Journal of Foot & Ankle Surgery*. Accepted for publication.
26. Trame C, Greene E, Moddeman G, Booth BA, Konstantakos E, Parada S, Siebuhr K, **Laughlin RT**. Correlation of pain scores, analgesic use, and Beck Anxiety Inventory scores during hospitalization in lower extremity amputees. *Open Orthopaedic Journal*. In submission.
27. Janout M, Booth BA, Mistovich J, **Laughlin RT**. Fatty infiltration of the gastrocnemius and soleus after Achilles tendon lengthening. *Foot & Ankle International*. In submission.

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PRINTED SCHOLARSHIP/Articles/Peer Reviewed (Continued)

28. Konstantakos E, Booth BA, Ahluwalia G, Kinzie M, Mistovich J, **Laughlin RT**. Association of malleolar indices and foot types with foot and ankle injuries in college athletes. *Foot & Ankle International*. In submission.

Articles/Non-Peer Reviewed

1. **Laughlin RT**, Calhoun JH. Use of the ring external fixator in post-traumatic reconstruction of the foot and ankle. *Orthopaedic Clinics of North America*. 1995;26(2):287-294.
2. **Laughlin RT**, Sinha A, Calhoun JH, Mader JT. Osteomyelitis. *Current Opinion in Rheumatology*. 1994;6(4):401-407.
3. **Laughlin RT**, Wright DG. Measures of outcome in foot and ankle surgery. *Current Opinion in Orthopaedics*. 1995;6(3):78-82.
4. **Laughlin RT**, Wright DG, Mader JT, Calhoun JH. Osteomyelitis. *Current Opinion in Rheumatology*. 1995;7(4):315-321.
5. **Laughlin RT**, Hartson JO, Wright DG. Training in foot and ankle surgery. *Current Opinion in Orthopaedics*. 1996;7(3):75-80.
6. Welker MC, **Laughlin RT**. Standard foot and ankle texts. *Current Opinion in Orthopaedics*. 1997;8(3):35-39.
7. Maher L, Calhoun JH, **Laughlin RT**, Mader JT. Osteomyelitis: Diagnosis, staging and management. *Patient Care*. 1998;32(2):93-109.
8. Wenzke D, **Laughlin RT**. Foot and ankle orthotics. *Current Opinion in Orthopaedics*. 1998;9(3):30-36.
9. Kovacic J, **Laughlin RT**. Management of the forefoot in rheumatoid arthritis. *Transactions of the Eggers Society*. 1999;1.
10. **Laughlin RT**, Solomon SN. Training in foot and ankle surgery. *Current Opinion in Orthopaedics*. 1999;11(3):213-217.
11. Buerk A, Vitello W, **Laughlin RT**. Advances in wound healing. *Current Opinion in Orthopaedics*. 2000;11(2):92-98.
12. **Laughlin RT**. Message from the program director. *Orthopaedic News*. 2005:1-2.
13. **Laughlin RT**. Message from the program director. *Orthopaedic News*. 2006:2.
14. **Laughlin RT**. Message from the program director. *Orthopaedic News*. 2007:2.

Book Chapters

1. Andrisani D, **Laughlin RT**. Hallux rigidus. In: *Workers Comp Handbook*. Rosemont, IL: American Orthopaedic Foot & Ankle Society, 2000.
2. Andrisani D, **Laughlin RT**. Turf toe. In: *Workers Comp Handbook*. Rosemont, IL: American Orthopaedic Foot & Ankle Society, 2000.
3. **Laughlin RT**. Pilon fractures. In: Calhoun JH, Laughlin RT (eds). *Fractures of the Foot and Ankle*. Boca Raton, FL: Taylor and Francis Group, 2005:27-47.
4. Calhoun JH, **Laughlin RT**. Rheumatoid forefoot. In: Nunley JA, Pfeffer GB, Sanders RW, Trepman E (eds). *Advanced Reconstruction of the Foot and Ankle, 1st Edition*. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2004: 247-252.
5. Guidry M, Hutchinson B, **Laughlin RT**, Ma, Hongbao, Calhoun JH. Post-traumatic infections in the foot and ankle. In: Calhoun JH, Laughlin RT (eds). *Fractures of the Foot and Ankle*. Boca Raton, FL: Taylor and Francis Group, 2005:345-370.

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PRINTED SCHOLARSHIP/Book Chapters (Continued)

6. Schwartz AK, Brage ME, **Laughlin RT**, Stephen D. Foot injuries. In: Baumgartner MR, Tornetta P (eds). *Orthopaedic Knowledge Update 3*. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2005:453-470.

Electronic Journals

1. Roseneck J, **Laughlin RT**. Hallux valgus and bunions. *Orthopaedic Textbook*. www.emedicine.com. 2001.
2. Konstantakos EK, Randall K, **Laughlin RT**. Hallux valgus and bunions. *Orthopaedic Textbook*. www.emedicine.com, April 2007.

Abstracts Published in Official Proceedings

1. Fisk JR, Peterson HA, **Laughlin RT**, Lutz R. Spontaneous fusion following subcutaneous instrumentation for scoliosis. *Orthopaedic Transactions* 1993;17(4).
2. Werries BA, **Laughlin RT**, Verhulst SJ, Hayes JM. Patellar tilt in total knee arthroplasty. *Orthopaedic Transactions*. 1994;18(4):1194.
3. **Laughlin RT**, Carson JG, Calhoun JH. Displaced intra-articular calcaneus fractures treated with the Galveston plate. *Orthopaedic Transactions*. 1995.
4. **Laughlin RT**, Smith KL, Russell RT, Hayes JM. Functional outcome of Grade III tibia fractures covered with free muscle flaps. *Proceedings of the American Academy of Orthopaedic Surgeons, 59th Annual Meeting*, 1992.
5. **Laughlin RT**, Chambers RB. The Syme amputation in severed diabetes. *Proceedings of the American Academy of Orthopaedic Surgeons, 59th Annual Meeting*, 1992.
6. Fisk JR, Peterson HA, **Laughlin RT**, Lutz R. Spontaneous fusion following subcutaneous instrumentation for scoliosis. *Proceedings of the American Academy of Orthopaedic Surgeons, 60th Annual Meeting*, 1993.
7. Calhoun JH, Ledbetter BR, **Laughlin RT**, Anger EM. Mechanism of injury of lawn mower-related foot injuries. *Proceedings of the Southern Medical Association, 87th Annual Meeting*, 1993.
8. Calhoun JH, **Laughlin RT**, Anger DM, Ledbetter BR. The Ilizarov external fixator for ankle fusion. *Proceedings of the Southern Medical Association, 87th Annual Meeting*, 1993.
9. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular calcaneus fractures treated with the Galveston plate. *Proceedings of American Fracture Association 56th Annual Meeting*, 1994.
10. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular calcaneus fractures treated with the Galveston plate. *Proceedings of the American Orthopaedic Foot & Ankle Summer Meeting*, 1994.
11. Werries BA, **Laughlin RT**, Verhulst SJ, Hayes JM. Patellar tilt in total knee arthroplasty. *Proceedings of the American Academy of Orthopaedic Surgery, 61st Annual Meeting*, 1994.
12. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular calcaneus fractures treated with the Galveston plate. *Proceedings of the Orthopaedic Trauma Association 10th Annual Meeting*, 1994.
13. **Laughlin RT**, Calhoun JH, Mader JT, Foad A. Osteomyelitis of the calcaneus. *Proceedings of the American Orthopaedic Foot & Ankle Society Winter Meeting/Specialty Day*, 1995.
14. Reeve F, **Laughlin RT**, Wright DG. Endoscopic plantar fascia release: An anatomic study of structures at risk. *Proceedings of the American Orthopaedic Foot & Ankle Society Summer Meeting*, 1995.
15. **Laughlin RT**, Simonich S, Calhoun JH, Mader JT, Wright DG. Osteomyelitis of the talus. *Proceedings of the American Orthopaedic Foot & Ankle Society Summer Meeting*, 1995.
16. **Laughlin RT**, Calhoun JH, Mader JT, Foad A. Osteomyelitis of the calcaneus. *Proceedings of the Musculoskeletal Infection Society Annual Meeting*, 1995.

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PRINTED SCHOLARSHIP/Abstracts Published in Official Proceedings (Continued)

17. **Laughlin RT**, Reeve F, Wright DG. Endoscopic plantar fascia release: An anatomic study of structures at risk. *Proceedings of the Combined Meeting of American, British and European Foot and Ankle Surgical Societies*, 1995.
18. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular calcaneus fractures treated with the Galveston plate. *Proceedings of the American Academy of Orthopaedic Surgeons, 62nd Annual Meeting*, 1995.
19. **Laughlin RT**, Simonich S, Calhoun JH, Mader JT, Wright DG. Osteomyelitis of the talus. *Proceedings of the American Orthopaedic Foot & Ankle Society Summer Meeting*, 1995.
20. Wright DG, **Laughlin RT**, Billott B, Reynolds DB. Mechanical strength of posterior malleolar fracture fixation. *Proceedings of the Orthopaedic Trauma Association, 11th Annual Meeting*, 1995.
21. Wright DG, **Laughlin RT**, Billott B, Reynolds DB. Mechanical testing of a new implant: UHMWPE braided suture. *Proceedings of the Orthopaedic Trauma Association, 11th Annual Meeting*, 1995.
22. Wright DG, **Laughlin RT**, Miclan T, Lindsey RW. Post-partum pubic diastasis. *Proceedings of the Orthopaedic Trauma Association, 11th Annual Meeting*, 1995.
23. Reveal GT, **Laughlin RT**, Capecci P, Reeve FM, Wright DG. Diabetic foot care survey. *Proceedings of the American Orthopaedic Foot & Ankle Society, 13th Annual Meeting*, 1997.
24. Reveal GT, **Laughlin RT**, Capecci P, Reeve FM, Wright DG. Diabetic foot care survey. *Proceedings of the Combined Meeting of the American Orthopaedic Foot & Ankle Society and Japanese Society for Surgery of the Foot*, 1997.
25. Lawless M, **Laughlin RT**. Cutaneous innervation of the medial dorsal aspect of the first toe. *Proceedings of the Combined Meeting of the American Orthopaedic Foot & Ankle Society and the Japanese Society for Surgery of the Foot*, 1997.
26. Reveal GT, Lawless MT, **Laughlin RT**. Dynamic foot pressures measured in normal individuals. *Proceedings of the Combined Meeting of the American Orthopaedic Foot & Ankle Society and Japanese Society for Surgery of the Foot*, 1997.
27. Vitello W, Lawless MW, **Laughlin RT**, Lakatos R. Antegrade vs. retrograde nailing of forward shaft fractures: A functional outcome study. *Proceedings of the American Fracture Association, 61st Annual Meeting*, 1999.
28. Vitello W, Lakatos R, **Laughlin RT**. Biomechanics of hybrid external fixators. *Proceedings of American Fracture Association, 62nd Annual Meeting*, 2000.
29. Thompson D, **Laughlin RT**. Estimating intramedullary nail length in femur fractures. *Proceedings of the Mid-America Orthopaedic Association, 20th Annual Meeting*, 2002.
30. Buerk A, McDonough EB, Oyster M, Kleinhenz B, **Laughlin RT**. Radiographic measurements in the adult flatfoot: Assessment of reliability. *Proceedings of the Mid-America Orthopaedic Association, 22nd Annual Meeting*, 2004.
31. Mitchell R, Sprott D, Kleinhenz B, Abouhassan W, Rhoades M, **Laughlin RT**. Plantar fasciitis: Is it a work-related injury? *Proceedings of the American Orthopaedic Foot & Ankle Society, 20th Annual Summer Meeting*, 2004.
32. Grisoni N, Foulk D, Sprott D, **Laughlin RT**. Bilateral hip fractures. *Proceedings of the Mid-America Orthopaedic Association, 23rd Annual Meeting*, 2005.
33. Janout M, Booth BA, Mistovich J, **Laughlin RT**. Fatty infiltration of the gastrocnemius and soleus after achilles tendon lengthening. *Proceedings of the American Orthopaedic Foot & Ankle Society, 22nd Annual Summer Meeting*, 2006.
34. Janout M, Booth BA, Mistovich J, **Laughlin RT**. Fatty infiltration of the gastrocnemius and soleus after achilles tendon lengthening. *Proceedings of the American Orthopaedic Association, 120th Annual Meeting*, 2007.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRINTED SCHOLARSHIP/Abstracts Published in Official Proceedings (Continued)

35. Sensiba P, Venkatarayappa I, DeHoff C, Manternach A, **Laughlin RT**, Binski J, Prayson MP. A survey of patient opinion regarding the use of reprocessed external fixator components. *Proceedings of the Orthopaedic Trauma Association 23rd Annual Meeting*, 2007;287.
36. Konstantakos E, Booth BA, Ahluwalia G, Kinzie M, Mistovich J, **Laughlin RT**. Association of malleolar indices and foot types with foot and ankle injuries in college athletes. *Proceedings of the AOFAS Summer Meeting*, 2007.
37. Sensiba PR, Mariscalco M, Williams N, **Laughlin RT**. Radiographic analysis of the adult flatfoot deformity (Abstract # 125). *Proceedings of the Mid-America Orthopaedic Association, 26th Annual Meeting*, 2008.
38. Peters PG, **Laughlin RT**, Manternach A, Markert RL, Randall KL, Prayson MJ. Time exposure to C-arm drape contamination (Abstract #21). *Proceedings of the Mid-America Orthopaedic Association, 26th Annual Meeting*, 2008.

Published Citations

1. Rogers C. Simple Diagnostic Test May Predict Foot and Ankle Instability. In AAOS NOW Vol. 1(9)p.17. 2007
2. Richardson EG. Book Review of Fractures of the Foot and Ankle. *Foot and Ankle International*. 2006; 483.

PRESENTATIONS

Regional

1. **Laughlin RT**, Smith KL, Russell RT, Hayes JM. Functional Outcome of Grade III Tibia Fractures Covered with Free Muscle Flaps. Presented at the Illinois Orthopaedic Society, Chicago, IL, November 8, 1991.
2. Calhoun JH, Ledbetter BR, **Laughlin RT**, Anger DM. Mechanism of Injury of Lawn Mower-related Foot Injuries. Presented at the Southern Medical Association 87th Annual Scientific Assembly, New Orleans, LA, October 30, 1993.
3. Calhoun JH, **Laughlin RT**, Anger DM, Ledbetter BR. The Ilizarov External Fixator for Ankle Fusion. Presented at the Southern Medical Association 87th Annual Scientific Assembly, New Orleans, LA, October 30, 1993.
4. Reveal G, **Laughlin RT**, Lawless M. Dynamic Foot Pressures in Normal Individuals Comparison of Pressure Redistributing Techniques. Ohio Orthopaedic Society Annual Meeting, Akron, OH, May 9, 1997.
5. **Laughlin RT**. Rheumatoid Arthritis in the Foot and Ankle. Presented at the 16th Annual G.W.N. Eggers Lectureship of the University of Texas Medical Branch Annual Alumni Meeting, Galveston, TX, May 22, 1998.
6. **Laughlin RT**. Intramedullary Nailing of Tibia Fractures. Presented at the AO/ASIF Course: Orthopaedic Trauma – A Team Approach to Fracture Management, Cincinnati, OH, November 20, 1998.
7. **Laughlin RT**. The Adult Flatfoot. Presented at the Notre Dame Orthopaedic Society, South Bend, IN, October 8, 1999.
8. **Laughlin RT**. Charcot Foot: Diagnosis and Management. Presented at the American Orthopaedic Foot & Ankle Society Regional Review Course, Memphis, TN, September 23, 2000.
9. **Laughlin RT**. Pilon Fractures. Presented at the American Orthopaedic Foot & Ankle Society Regional Review Course, Memphis, TN, September 23, 2000.
10. **Laughlin RT**. Ankle Arthritis, Approaches to Non-operative Management, Arthrodesis Techniques, and Alternatives to Arthrodesis. Presented at the American Orthopaedic Foot & Ankle Society Regional Review Course, Memphis, TN, September 23, 2000.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRESENTATIONS/Regional (Continued)

11. Thompson D, **Laughlin RT**. Estimating Intramedullary Nail Lengths: A Comparison of Traditional Methods with a New Approach. Presented at the Ohio Orthopaedic Society 62nd Annual Meeting, July 26, 2001.
12. Thompson D, **Laughlin RT**. Estimating Intramedullary Nail Lengths. Presented at the Mid-America Orthopaedic Association Annual Meeting, Tucson, AZ, April 27, 2002.
13. **Laughlin RT**. Pilon Fractures. Presented at the Illinois Association of Orthopaedic Surgeons Annual Meeting, Springfield, IL, April 11, 2003.
14. **Laughlin RT**. Ankle Arthritis. Presented at the Illinois Association of Orthopaedic Surgeons Annual Meeting, Springfield, IL, April 11, 2003.
15. **Laughlin RT**. Locked Plates: A New Era of ORIF. Presented at the Synthes Locking Plate Symposium, Cincinnati, OH, August 27, 2003.
16. **Laughlin RT**. Biomechanics and Principles of Locked Plates. Presented at the Synthes Locking Plate Symposium, Cincinnati, OH, August 27, 2003.
17. **Laughlin RT**. Locked Plating in the Upper Extremity. Presented at the Synthes Locking Plate Symposium, Cincinnati, OH, August 27, 2003.
18. **Laughlin RT**. Orthopaedic Trauma Team Approach to Fracture Management – **Lab Instructor** at the AO Operating Room Basic Course, Cincinnati, OH, February 20, 2004.
19. **Laughlin RT**. Foot/Ankle Scientific Paper Session – **Moderator** at the Mid-America Orthopaedic Association 22nd Annual Meeting, La Quinta, CA, April 14, 2004.
20. Konstantakos EK, Dalstrom D, **Laughlin RT**, Miller S, Shapiro M. Uniplanar External Fixation for Care of Circumferential Extremity Burn Wounds in Adults. Presented at the Eastern Great Lakes Burn Study Group, Dayton, OH, October 2006.
21. Sensiba PR, Mariscalco M, Williams N, **Laughlin RT**. Radiographic Analysis of the Adult Flatfoot Deformity (Abstract #125). Presented at the Mid-America Orthopaedic Association 26th Annual Meeting, ChampionsGate, FL, April 18, 2008.
22. Peters PG, **Laughlin RT**, Manternach A, Markert R, Randall RL, Prayson MJ. Time Exposure to C-arm Drape Contamination. Presented at the Mid-American Orthopaedic Association 26th Annual Meeting, ChampionsGate, FL, April 19, 2008. **Carl Nelson Research Award Winner.**

National

1. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular Calcaneus Fractures Treated with the Galveston Plate. Presented at the American Orthopaedic Foot & Ankle Society Summer Meeting, Couer d'Alene, ID, July 1, 1994.
2. **Laughlin RT**, Calhoun JH. Biomechanics of Intramedullary Nails. Presented at Comprehensive Trauma Solutions, Beaver Creek, CO, January 11, 1994.
3. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular Calcaneus Fractures Treated with the Galveston Plate. Presented at Comprehensive Trauma Solutions, Beaver Creek, CO, January 11, 1994.
4. **Laughlin RT**, Calhoun JH, Mader JT, Foad A. Osteomyelitis of the Calcaneus. Presented at the American Orthopaedic Foot & Ankle Society Specialty Day, American Association of Orthopaedic Surgeons 62nd Annual Meeting, Orlando, FL, February 19, 1995.
5. Reeve F, **Laughlin RT**, Wright DG. Endoscopic Plantar Fascia Release: An Anatomic Study of Structures at Risk. Presented at the American Orthopaedic Foot & Ankle Society Summer Meeting, Vail, CO, July 21, 1995.
6. **Laughlin RT**, Simonich S, Calhoun JH, Mader J, Wright DG. Osteomyelitis of the Talus. Presented at the American Orthopaedic Foot & Ankle Society Summer Meeting, Vail, CO, July 21, 1995.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRESENTATIONS/National (Continued)

7. **Laughlin RT**, Calhoun JH, Mader JT, Foad A. Osteomyelitis of the Calcaneus. Presented at the Musculoskeletal Infection Society Annual Meeting, Snowmass, CO. August 10, 1995.
8. Reveal GT, Lawless MT, **Laughlin RT**. Dynamic Foot Pressures Measured in Normal Individuals. Presented at the Combined Meeting of the American Orthopaedic Foot & Ankle Society and the Japanese Society for Surgery of the Foot, Waikoloa, HI, November 13, 1997.
9. Vitello W, Lawless MW, **Laughlin RT**, Lakatos R. Antegrade vs. Retrograde Nailing of Femoral Shaft Fractures: A Functional Outcome Study. Presented at the American Fracture Association 61st Annual Meeting, Tucson, AZ, May 15, 1999.
10. Vitello W, Lawless MW, **Laughlin RT**, Lakatos R. Antegrade vs. Retrograde Nailing of the Femoral Shaft Fractures: A Functional Outcome Study. Presented at the American Orthopaedic Association Residents Meeting, St. Louis, MO, February 26, 2000.
11. **Laughlin RT**. Calcaneus Fractures. Presented at the AAOS Summer Institute, San Diego, CA, September 8, 2001.
12. **Laughlin RT**. Ankle and Distal Radius Casting Lab – **Lab Instructor** at the Orthopaedic Trauma Association Residents Basic Fracture Course, Salt Lake City, UT, October 8, 2003.
13. **Laughlin RT**. Spanning External Fixator/ORIF Tibial Plateau – **Lab Instructor** at the Orthopaedic Trauma Association Residents Basic Fracture Course, Salt Lake City, UT, October 10, 2003.
14. **Laughlin RT**. Components of the Ilizarov System. Presented at the Essentials of External Fixation of the Foot and Ankle Course, Beaver Creek, CO, August 4, 2004.
15. **Laughlin RT**. Techniques for Tensioning of Transosseous Wires. Presented at the Essentials of External Fixation of the Foot and Ankle Course, Beaver Creek, CO, August 4, 2004.
16. **Laughlin RT**. Distal Tibia Fractures Using the Taylor Spatial Frame – **Lab Moderator** at the Essentials of External Fixation of the Foot and Ankle Course, Beaver Creek, CO, August 5, 2004.
17. **Laughlin RT**. Spanning External Fixator for Tibial Plateau Fractures/ORIF Tibial Plateau Fractures – **Lab Instructor** at the Orthopaedic Trauma Association Residents Basic Fracture Course, Ft. Lauderdale, FL, October 9, 2004.
18. **Laughlin RT**. Basic Principles and Techniques of Operative Fracture Management – **Instructor** at the Course for Residents, Newport, RI, November 2005.
19. **Laughlin RT**. Casting Techniques – **Lab Instructor** at the Orthopaedic Trauma Association Residents Basic Fracture Course, Phoenix, AZ, October 2006.
20. **Laughlin RT**. Both Bone Forearm Fractures ORIF – **Lab Instructor** at the Orthopaedic Trauma Association Resident Basic Fracture Course, Phoenix, AZ, October 9, 2006.
21. Sensiba P, Venkatarayappa I, Dehoff C, Manternach A, **Laughlin RT**, Binski J, Prayson MP. A Survey of Patient Opinions Regarding the Use of Reprocessed External Fixator Components. Presented at the Limb Lengthening and Reconstruction Society Annual Meeting, Chicago, IL, July 22, 2007.
22. **Laughlin RT**. Spanning External Fixation in the Lower Extremity. Presented at Essentials of External Fixation, Dana Point, CA, November 9, 2007.
23. **Laughlin RT**. Spanning External Fixation Lab. Presented at Essential of External Fixation, Dana Point, CA, November 9, 2007.

PRESENTATIONS/International

1. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular Calcaneus Fractures Treated with the Galveston Plate. Presented at the American Fracture Association, Calgary, Canada, May 14, 1994.
2. **Laughlin RT**, Reeve F, Wright DG. Endoscopic Plantar Fascia Release: An Anatomic Study of Structures at Risk. Presented at the First Combined Meeting of the American, British and European Foot and Ankle Surgical Societies, Dublin, Ireland, August 26, 1995.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRESENTATIONS/International (Continued)

3. Vitello W, Lakatos R, **Laughlin RT**. Biomechanics of Hybrid External Fixators – **Meyerding Award Winner**. Presented at the American Fracture Association 62nd Annual Meeting, Port of Spain, Trinidad, April 11, 2000.
4. **Laughlin RT**. Residents Basic Fracture Course – **Lab Instructor** at the Orthopaedic Trauma Association Annual Meeting, Ottawa, Ontario, Canada, October 2005.
5. Konstantakos E, Booth BA, Ahluwalia G, Kinzie M, Mistovich J, **Laughlin RT**. Association of malleolar indices and foot types with foot and ankle injuries in college athletes. Presented at the American Orthopaedic Foot and Ankle Society Summer Meeting, Toronto, Canada, July 2007.

Posters

1. **Laughlin RT**, Smith KL, Russell RT, Hayes JM. Functional Outcome of Grade III Tibia Fractures Covered with Free Muscle Flaps. Poster presented at the American Academy of Orthopaedic Surgeons 59th Annual Meeting, Washington, DC, February 20, 1992.
2. **Laughlin RT**, Chambers RB. The Syme Amputation in Severe Diabetes. Poster presented at the American Academy of Orthopaedic Surgeons 59th Annual Meeting, Washington, DC, February 23, 1992.
3. Fisk JR, Peterson HA, **Laughlin RT**, Lutz R. Spontaneous Fusion Following Subcutaneous Instrumentation for Scoliosis. Poster presented at the American Academy of Orthopaedic Surgeons 60th Annual Meeting, San Francisco, CA, February 29, 1993.
4. Werries BA, **Laughlin RT**, Verhulst SJ, Hayes JM. Patellar Tilt in Total Knee Arthroplasty. Poster presented at the American Academy of Orthopaedic Surgeons 61st Annual Meeting, New Orleans, LA, February 25, 1994.
5. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular Calcaneus Fractures Treated with the Galveston Plate. Poster presented at the Orthopaedic Trauma Association Meeting, Los Angeles, CA, September 22, 1994.
6. **Laughlin RT**, Carson JG, Calhoun JH. Intra-articular Calcaneus Fractures Treated with the Galveston Plate. Poster presented at the American Academy of Orthopaedic Surgeons 62nd Annual Meeting, Orlando, FL, February 17, 1995.
7. **Laughlin RT**, Simonich S, Calhoun JH, Mader JT, Wright DG. Osteomyelitis of the Talus. Poster presented at the American Orthopaedic Foot & Ankle Society Summer Meeting, Vail, CO, July 19, 1995.
8. Wright DG, **Laughlin RT**, Billott B, Reynolds DB. Mechanical Strength of Posterior Malleolus Fracture Fixation. Poster presented at the Orthopaedic Trauma Association 11th Annual Meeting, Tampa, FL, September 29, 1995.
9. Wright DG, **Laughlin RT**, Billott B, Reynolds DB. Mechanical Testing of a New Implant: UHMWPE Braided Suture. Poster presented at the Orthopaedic Trauma Association 11th Annual Meeting, Tampa, FL, September 29, 1995.
10. Wright DG, **Laughlin RT**, Miclan T, Lindsey RW. Post-partum Pubic Diastasis. Poster presented at the Orthopaedic Trauma Association 11th Annual Meeting, Tampa, FL, September 29, 1995.
11. Moore RS, Luchetti WT, Partington MT, **Laughlin RT**, Wright DG. Micro-vascular Free Tissue Transfer for Coverage in Grade III Open Calcaneus Fractures Associated with Achilles Tendon Rupture. Poster presented at the American Academy of Orthopaedic Surgeons 63rd Annual Meeting, Atlanta, GA, February 23, 1996.
12. Reveal GT, **Laughlin RT**, Capecci P, Reeve FM, Wright DG. Diabetic Foot Care Survey. Poster presented at the American Orthopaedic Foot & Ankle Society 13th Annual Summer Meeting, Monterey, CA, July 17, 1997.
13. Reveal GT, **Laughlin RT**, Capecci P, Reeve FM, Wright DG. Diabetic Foot Care Survey. Poster presented at the Combined Meeting of the American Orthopaedic Foot & Ankle Society and the Japanese Society for Surgery of the Foot, Waikoloa, HI, November 13, 1997.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRESENTATIONS/Posters (Continued)

14. Lawless MW, **Laughlin RT**. Cutaneous Innervation of the Medial Dorsal Aspect of the First Toe: An Anatomic Study. Poster presented at the Combined Meeting of the American Orthopaedic Foot & Ankle Society and the Japanese Society for Surgery of the Foot, Waikoloa, HI, November 13, 1997.
15. Vitello W, **Laughlin RT**, Lakatos R. Biomechanics of Four Hybrid External Fixators. Poster presented at the Mid-America Orthopaedic Association Annual Meeting, Scottsdale, AZ, April 27, 2000.
16. Vitello W, **Laughlin RT**, Lakatos R, et al. Biomechanics of Four Hybrid Fixators. Poster presented at the Wright State University Boonshoft School of Medicine Central Research Forum, Dayton, OH, May 2000.
17. Vitello W, **Laughlin RT**, Lakatos R, et al. Biomechanics of Four Hybrid Fixators. Poster presented at the Dayton Area Graduate Medical Education Consortium, Dayton, OH, April 16, 2001.
18. Thompson D, **Laughlin RT**. Estimating Intramedullary Nail Lengths: A Comparison of Traditional Methods with a New Approach. Poster presented at the Dayton Area Graduate Medical Education Consortium, Dayton, OH, April 16, 2001.
19. Thompson D, **Laughlin RT**. Estimating Intramedullary Nail Lengths: A Comparison of Traditional Methods with a New Approach. Poster presented at the Wright State University Boonshoft School of Medicine Central Research Forum, Dayton, OH, May 2001.
20. Buerk A, McDonough EB, Oyster M, Kleinhenz B, **Laughlin RT**. Radiographic Measurements in the Adult Flatfoot: Assessment of Reliability. Poster presented at the Mid-America Orthopaedic Association 22nd Annual Meeting, La Quinta, CA, April 14, 2004.
21. McDonough EB, Buerk A, Oyster M, **Laughlin RT**. Radiographic Analysis of the Adult Flatfoot. Poster presented at the Dayton Area Graduate Medical Education Consortium Central Research Forum, Dayton, OH, May 4, 2004.
22. Grisoni N, Foulk D, Sprott D, **Laughlin RT**. Bilateral Hip Fractures – **2nd Place Award Winner**. Poster presented at the Dayton Area Graduate Medical Education Consortium Central Research Forum, Dayton, OH, May 4, 2004.
23. Mitchell R, Sprott D, Kleinhenz B, Abouhassan W, Rhoades M, **Laughlin RT**. Plantar Fasciitis: Is It a Work-related Injury? Poster presented at the Dayton Area Graduate Medical Education Consortium Central Research Forum, Dayton, OH, May 4, 2004.
24. Mitchell R, Sprott D, Kleinhenz B, Abouhassan W, Rhoades M, **Laughlin RT**. Plantar Fasciitis: Is It a Work-related Injury? Poster presented at the American Orthopaedic Foot & Ankle Society 20th Annual Summer Meeting, Seattle, WA, July 29, 2004.
25. Grisoni N, Foulk D, Sprott D, **Laughlin RT**. Bilateral Hip Fractures. Poster presented at the Mid America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 2005.
26. Janout M, Booth BA, Mistovich J, **Laughlin RT**. Fatty Infiltration of the Gastrocnemius and Soleus after Achilles Tendon Lengthening. Poster presented at the American Orthopaedic Foot & Ankle Society 22nd Annual Summer Meeting, San Diego, CA, July 13, 2006.
27. Janout M, Booth BA, Mistovich J, **Laughlin RT**. Fatty Infiltration of the Gastrocnemius and Soleus after Achilles Tendon Lengthening. Poster presented at the American Orthopaedic Association 120th Annual Meeting, Asheville, NC, June 13, 2007.
28. Sensiba P, Venkatarayappa I, DeHoff C, Manternach A, **Laughlin RT**, Binski J, Prayson MP. A Survey of Patient Opinion Regarding the Use of Reprocessed External Fixator Components. Poster presented at the Orthopaedic Trauma Association Annual Meeting, Boston, MA, October 20, 2007.
29. Sensiba P, Venkatarayappa I, DeHoff C, Manternach A, **Laughlin RT**, Binski J, Prayson MP. A Survey of Patient Opinion Regarding the Use of Reprocessed External Fixator Components. Poster presented at the Dayton Area Graduate Medical Education Consortium Central Research Forum, Dayton, OH, October 23, 2007.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

PRESENTATIONS/Posters (Continued)

30. Janout M, Booth B, Mistovich J, **Laughlin RT**. Fatty Infiltration of the Gastrocnemius and Soleus after Achilles Tendon Lengthening. Poster presented at the Dayton Area Graduate Medical Education Consortium Central Research Forum, Dayton, OH, October 23, 2007.

GRAND ROUNDS AND OTHER LOCAL PRESENTATIONS

1. **Laughlin RT**, Chambers RB. The Syme Amputation in Severe Diabetics. Presented at the Rancho Los Amigos Research Day, Downey, CA, June 15, 1991.
2. **Laughlin RT**. Disorders of the Hip – **Guest Faculty** at Iowa University of Osteopathic Medicine & Health Sciences, Des Moines, IA, March 1993.
3. **Laughlin RT**. Fractures – **Guest Faculty** at Iowa University of Osteopathic Medicine & Health Sciences, Des Moines, IA, March 1993.
4. **Laughlin RT**. Disorders of the Back – **Guest Faculty** at Iowa University of Osteopathic Medicine & Health Sciences, Des Moines, IA, March 1993.
5. **Laughlin RT**. Trauma to the Extremities. Presented at the Advance Trauma Life Support Course, #10226 P/SR, Galveston, TX, April 8, 1994.
6. **Laughlin RT**. Calcaneus Fractures. Presented at the Ohio State Association of Orthopaedic Technologists, Dayton, OH, November 12, 1994.
7. **Laughlin RT**. Miscellaneous Disorders of the Lower Extremity. Presented at the National Association of Orthopaedic Nurses Knowledge Nuggets for Orthopaedic Nurse Certification Review, Dayton, OH, September 24, 1995.
8. **Laughlin RT**. Distal Tibia/Ankle Fractures: An Overview. Presented at Miami Valley Hospital Orthopaedic Fracture Care, Dayton, OH, January 13, 1996.
9. **Laughlin RT**. Principles of Orthopaedic Fracture Care. Presented at the Synthes OR Nurses Course, Miami Valley Hospital, Dayton, OH, January 13, 1996.
10. **Laughlin RT**. Orthopaedic/Modeling – **Session Moderator** at the 15th Southern Biomedical Engineering Conference, Dayton, OH, March 31, 1996.
11. **Laughlin RT**. Biomechanics and Gait Cycle of the Foot and Ankle. Presented at the Pedorthic Management of Common Foot Disorders, Pedorthic Footwear Association, Dayton, OH, September 15, 1996.
12. **Laughlin RT**. Diabetes and Shoewear. Presented at the Diabetes Symposium, Miami Valley Hospital, Dayton, OH, October 26, 1996.
13. **Laughlin RT**. External Fixation in Lower Extremity Injuries. Presented at the Synthes External Fixator Workshop for Nurses, Dayton, OH, January 25, 1997.
14. **Laughlin RT**. Effects of Diabetes on OAD: Surgical Topic for Primary Care. Presented at Occlusive Arterial Disease, February 26, 1997.
15. **Laughlin RT**. Femur Fractures. Presented at the Miami Valley Hospital Trauma Course, Dayton, OH, May 1997.
16. **Laughlin RT**. Problems of the Forefoot. Presented at the Foot & Ankle Symposium, Dayton, OH, October 24, 1997.
17. **Laughlin RT**. Current Trends in Treatment of Femur Fractures. Presented at Trauma Update 1998, Dayton, OH, May 15, 1998.
18. Lawless MW, **Laughlin RT**, Kerpsack JM, Pisut D. Elution of Tobramycin from Synthetic Bone Graft. Presented at the Ohio Orthopaedic Society Meeting, Dayton, OH, May 8, 1999.
19. **Laughlin RT**. The Multi-fractured Patient: Priorities of management. Presented at Trauma Update 1999, Dayton, OH, May 14, 1999.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

GRAND ROUNDS AND OTHER LOCAL PRESENTATIONS (Continued)

20. **Laughlin RT.** Compartment Syndrome. Presented at Trauma Update 2000, Dayton, OH, May 12, 2000.
21. **Laughlin RT.** Lower Extremity Trauma. Presented at the Ohio State Assembly of Surgical Technologists, Dayton, OH, April 21, 2001.
22. **Laughlin RT.** Intra-articular Calcaneus Fractures. Presented at the Notre Dame Orthopaedic Society Annual Meeting, South Bend, IN, November 16, 2001.
23. **Laughlin RT.** AO/ASIF History, Principles and Indications for Fracture Treatment. Presented at the AO/ASIF Team Approach to Fracture Management Basic Course for ORP, Dayton, OH, April 26, 2002.
24. **Laughlin RT.** Internal Fixation of Foot/Ankle Fractures. Presented at the AO/ASIF Team Approach to Fracture Management Basic Course for ORP, Dayton, OH, April 27, 2002.
25. **Laughlin RT.** Postoperative Hints and Hardware Removal. Presented at the AO/ASIF Team Approach to Fracture Management Basic Course for ORP, Dayton, OH, April 27, 2002.
26. McCarthy M, Peitzman A, Gervasin A, **Laughlin RT**, Christian J, Africk C, Anderson G. Multisystem Trauma Injuries: Review of Difficult Cases – **Panel Discussion Participant** at Trauma Update 2002, Dayton, OH, May 17, 2002.
27. **Laughlin RT.** Pilon Fractures. Presented at the Notre Dame Orthopaedic Society Annual Meeting, South Bend, IN, October 4, 2002.
28. **Laughlin RT.** Diabetic Foot. Presented at Orthopaedics for Primary Care, Dayton, OH, December 11, 2002.
29. **Laughlin RT.** AOA and Orthopaedics: An Oxymoron? Presented at the Alpha Omega Alpha Medical Honor Society Annual Induction Dinner, Wright State University Boonshoft School of Medicine Chapter, Dayton, OH, April 27, 2004.
30. **Laughlin RT.** Principles of Lower Extremity Amputation Surgery. Presented at the Basic Principles of Orthotics and Prosthetics Course, Dayton, OH, April 15, 2005.
31. **Laughlin RT.** Complex Injuries to the Foot and Ankle. Presented at Trauma Update 2006, Dayton, OH, May 18, 2006.
32. **Laughlin RT.** Principles of Lower Extremity Amputation. Presented at the 2nd Annual Regional Orthotics & Prosthetics Course, Dayton, OH, February 2006.
33. **Laughlin RT.** Orthotics for Foot and Ankle Disorders. Presented at the 2nd Annual Regional Orthotics & Prosthetics Course, Dayton, OH, February 2006.
34. **Laughlin RT.** Ankle Arthritis. Presented at the Greene Memorial Hospital Lower Extremity Symposium, Xenia, OH, April 8, 2006.
35. **Laughlin RT.** Principles of Lower Extremity Amputation. Presented at the 3rd Annual Regional Orthotics & Prosthetics Course, Dayton, OH, March 9, 2007.
36. **Laughlin RT.** Current Concepts in Below Knee Amputation Surgery – **Keynote Speaker** at the Ohio Chapter American Academy of Orthotists and Prosthetists Annual Spring Technical Meeting, Columbus, OH, April 21, 2007.
37. **Laughlin RT.** Overview of Orthopaedic Research and Prospects for Collaboration. Presented at the Wright State University Boonshoft School of Medicine Central Research Forum, Dayton, OH, October 23, 2007.
38. **Laughlin RT.** Principles of Lower Extremity Amputation. Presented at the 4th Annual Regional Orthotics & Prosthetics Course, Dayton, Ohio, March 14, 2008.

CURRICULUM VITAE

Richard Thomas Laughlin, MD

GRANTS AND CONTRACTS

1. Complex wound healing in diabetic feet.
Laughlin RT.
 - Regranex Research \$5,000
2. Comparison of antegrade and retrograde femoral nail clinical outcomes.
Laughlin RT, Vitello W, Lawless M, Lakatos R, Herbenick M, Kimpel, D.
 - Wright State University Seed Grant \$2005
Boonshoft School of Medicine
 - Zimmer Research Grant \$14,000
3. A biomechanical study of the distal tib-fib fusion BKA using finite element analysis model.
Laughlin RT, He P, Reynolds D, Siebuhr KF, Booth BA. April 1, 2005-June 30, 2006
 - Wright State University Seed Grant \$4,700 2005
Boonshoft School of Medicine
 - Wright State University Research Initiation Grant \$9,760 2005
Boonshoft School of Medicine
4. Fatty infiltration of gastrocnemius and soleus muscles following achilles tendon lengthening.
Janout M, Booth BA, **Laughlin RT.**
 - Dayton Area Graduate Medical Research \$1,500
Education Consortium (DAGMEC)
 - Miami Valley Hospital Limited Assistance Research Fund \$1,000
5. Biomechanics in Orthopaedics
Lippert SA, **Laughlin RT**, Crosby LA.
 - Wright State University Research Challenge \$85,000
Center for Orthopaedic Biomechanics Major Collaboration Grant
6. Anatomic predictors of ankle instability in collegiate athletes.
Ahluwalia G, **Laughlin RT.** February 1, 2006-March 1, 2007
 - Dayton Area Graduate Medical Resident Research Grant \$1,100
Education Consortium (DAGMEC)
7. Lower extremity amputations: An assessment of immediate pain control during hospitalization and assessment of functional outcome.
Laughlin RT, Siebuhr K, Booth B, Trame C. February 1, 2006-March 1, 2007
 - Dayton Area Graduate Medical Resident Research Grant \$1,380
Education Consortium (DAGMEC)

SERVICE AND ACADEMIC OUTREACH

<u>School of Medicine Committee</u>	<u>Position</u>	<u>Date</u>
Wright State University Boonshoft School of Medicine		
Search Committee	Orthopaedic Chair	2001
Steering Committee	Member	2000-2005
MS2 Musculoskeletal/Organ Systems Course		
Research Committee	Member	1997-1998
Dayton Area Graduate Medical Education Consortium (DAGMEC)	Member	2004-Present

CURRICULUM VITAE

Richard Thomas Laughlin, MD

SERVICE AND ACADEMIC OUTREACH (Continued)

<u>Department Committee</u>	<u>Position</u>	<u>Date</u>
Wright State University Boonshoft School of Medicine Department of Orthopaedic Surgery, Sports Medicine & Rehabilitation		
Resident Selection Committee	Member	1994-Present
Faculty Promotion Committee	Member	1994-Present
Research Committee	Member	2004-Present
Education Committee	Member	2008-Present
Finance Committee	Member	2008-Present
Foot & Ankle Committee	Member	2008-Present
Promotion Committee	Chair	2008-Present
Research Committee	Member	2008-Present
Section of Orthopaedic Trauma	Member	2008-Present

Medical Staff Committee

	<u>Date</u>
Miami Valley Hospital	
Podiatry Task Force	1994
Department of Orthopaedics	1994-Present
Vice Chair (2000-2004)	
Chair (2004-2006)	
Trauma Committee	1994-Present
CQI Coordination of Trauma Care Committee	1995-1996
Southwest Development Project	1996
Orthopaedic Trauma Subcommittee	1997-Present
Infection Control Committee	1998-1999
Comprehensive Wound Care	2000-Present
Craig Memorial Library Committee	2002
Graduate Medical Education/Program Directors' Committee	2004
Medical Staff Executive Committee	2004-2006
Operating Room Committee	2004-2006
Judi Uehlein Nursing Education Fund	2005
Geriatric Fracture Program	2007

CURRICULUM VITAE**Richard Thomas Laughlin, MD****SERVICE AND ACADEMIC OUTREACH (Continued)****Medical Staff Appointments**

<u>Institution</u>	<u>Appointment</u>	<u>Date</u>
Miami Valley Hospital One Wyoming Street, Dayton, OH 45409	Active Medical Staff	1994-Present
Dayton Veterans' Affairs Medical Center 4100 West Third Street, Dayton, OH 45428	Consultant	1994-Present
Far Hills Surgery Center 3484 Far Hills Avenue, Kettering, OH 45429	Active Staff	2006-Present
Atrium Medical Center One Medical Center Drive, Franklin, OH 45005	Courtesy Appointment	2007-Present

Other Professional Service

<u>Institution</u>	<u>Position</u>	<u>Date</u>
American Journal of Sports Medicine	Reviewer	1996-Present
Journal of Musculoskeletal Medicine	Reviewer	1997
Billing Committee	Member	2001
Board of Directors	Member	2001-2005
Foot & Ankle International	Reviewer	2001-2006
Dayton Area Graduate Medical Education Consortium		
Graduate Medical Education Committee		2004-Present
Journal of Trauma	Reviewer	2004-Present
Wright State Physicians, Inc.		
Board of Directors	Member	2007-2010
Management Committee	Member	
Wright State Physicians, Inc. (Continued)		
Multi-specialty Committee	Member	1994-1995
Managed Care Committee	Member	1996-2000
Multi-specialty/Management Committee	Member	1996-2000

Clinical Practice

<u>Institution</u>	<u>Position</u>	<u>Date</u>
Wright State Orthopaedics 30 E. Apple Street, Suite 2200, Dayton, OH 45409	Director of Foot & Ankle	1994-Present