

John S. Kirkpatrick
Nov 2022

PERSONAL INFORMATION:

Citizenship: United States

Business Address: Chief, section on Orthopaedic Surgery
Orlando Veterans Administration Medical Center
13800 Veterans Way
Orlando, Florida 32837

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Phone: (407) 631-3224

Orcid ID: 0000-0002-3292-1539

HOSPITAL AND OTHER APPOINTMENTS, PROFESSIONAL CONSULTANTSHIPS:

University Hospital 1992-2006
Attending
Birmingham, AL

Veterans' Administration Hospital 1992-2006
Chief, Orthopaedic Surgery 1995-2006
Birmingham, AL

Children's Hospital of Alabama, 1992-2006
Courtesy (Affiliate with admitting)
Birmingham, AL

Food and Drug Administration 2002-2006, 2023
Chair, 2005-2006
Consultant 2006, 2023
(NUsurface meniscus implant 4-20-23)
CDRH Orthopaedic and Rehabilitation Devices Panel
Rockville, Maryland

Shands Jacksonville Medical Center 2006-December 2014
Active Medical Staff
Jacksonville, FL

St Luke's Hospital (courtesy staff) 2010-2012
Jacksonville, FL

Jacksonville Beach Surgical Center 2013-2016
Jacksonville FL

Orlando Veterans Administration November 2014- present
Medical Center

Chief, Orthopedic Surgical Services November 14-December 2021
New program development for Orthopedics December 2021-present
Orlando, FL

EDUCATION:

Duke University 1980
B.S. Biomedical Engineering
Durham, N.C.

University of California 1981
M.S.E. Bioengineering
La Jolla, CA

Bowman Gray School of Medicine 1985
M.D.
Winston-Salem, N.C.

POST DOCTORAL TRAINING:

Duke University 1985-1991
First Year Surgical Resident 1985-1986
Junior Assistant Resident 1986-1987
Resident in Orthopaedic Surgery 1987-1990
Chief Orthopaedic Resident 1990-1991

Case Western Reserve University
Orthopaedic Fellow, Spine 1991-1992

LICENSURE:

North Carolina, No. 30927 1987-2006
Ohio, No. 61151 1991-1992
California, No. G71108 1991-2006
Alabama, No. 16459 1992-2006
Kenya, No. 006184 1994, 1996, 1998
Florida, ME97181 2006-

NPI: 1164446241

BOARD CERTIFICATION:

National Board of Medical Examiners 1986
American Board of Orthopaedic Surgery 1994 (exp Dec 31, 2004)
American Board of Orthopaedic Surgery(recertification) 2001 (exp Dec 31, 2014)
American Board of Orthopaedic Surgery(recertification) 2012 (exp Dec 31, 2024)
Participating in Maintenance of Certification program

ACADEMIC APPOINTMENTS:

Professor of Orthopaedic Surgery College of Medicine University of Central Florida	Nov 2015-
Professor and Chair Professor and Program Director Department of Orthopedics and Rehabilitation University of Florida College of Medicine-Jacksonville	Nov 2006-Oct 2013 Nov 2006-Nov 2014
Professor Department of Surgery University of Alabama, Birmingham School of Medicine	Oct 2006-Nov 2014
Associate Professor (with tenure) Department of Surgery University of Alabama, Birmingham School of Medicine	1997–2006
Director, Resident Education Division of Orthopaedic Surgery University of Alabama, Birmingham	1994 -2001
Director, Biomechanics Laboratory Veterans' Administration Hospital	1993-2002
Assistant Professor Biomedical Engineering University of Alabama, Birmingham School of Engineering	1993
Faculty Injury Control Research Center University of Alabama, Birmingham	1992
Assistant Professor Department of Surgery University of Alabama, Birmingham School of Medicine	1992-1997

AWARDS/HONORS:

1985	Sigma Xi Student Research Award
1991	Cabaud Memorial Award American Orthopaedic Society for Sports Medicine

- 1993 Resident Award Paper (co-author)
Cervical Spine Research Society

- 1993 John J. Fahey Memorial North American Traveling
Fellowship of the American Orthopaedic Association

- 1998 Joseph S. Barr Award
American Society for Testing and Materials

- 2002 Leadership Fellows Program
American Academy of Orthopaedic Surgeons

- 2007 Award of Merit
ASTM International

- 2010 Advances in Medical Education Most Outstanding Poster by Faculty Award
University of Florida College of Medicine - Jacksonville

- 2017 Contributions to the Anatomy Lab Award
University of Central Florida College of Medicine

PROFESSIONAL SOCIETIES:

Academic Orthopaedic Society (until merged to AOA in 2003)

American Orthopaedic Association (2000-present)

AOA-North American Traveling Fellowship Committee

- (2004-2009, Chair 2012-2014, 2014-2016)

- Leadership/Fellowship Task force chair 2016-2017
- Regional Meetings Task Force
- Council of Orthopaedic Residency Directors
- Sub Committee on Knowledge and Skill (2009-2012)
- Nominating committee 2014
- AOA leadership Principles Project (2020-2021)

American Academy of Orthopaedic Surgeons, Fellow

- Biomedical Engineering Committee, (1998-2001, 2001-2004)
- Chairman, (2002-5, 2005-2008); member Device Forum and CORQAT as BME chair
- Reviewer, Journal of the American Academy of Orthopaedic Surgeons
- Orthopaedic Basic Science Evaluation
 - Subcommittee 2004-2010 (exams 2006, 2010)
- Evaluator of Instructional Course Lectures (2007)
- Participant, AAOS Board of Directors Workshop on Technology Assessment. (April 2007)
- AAOS Task Force for Outside Specialty Guideline Review, (2007-2008)
- Evidence Based Practice Committee (2008-2011, 2011-2013)
- Technology overview task group on Bone Void Fillers (chair)
- Board of Specialty Societies (BOS)
 - Research Committee Chair (2012-2014)
 - Council on Research and Quality (2012-2014)
 - AAOS/ORS Research Programming Committee (2013-2014)
 - Education Committee Chair (2016-2018)

- New Member Ambassador 2016
 - Reviewer, Orthopaedic Basic Science, 4th Edition
- American Society for the Testing of Materials Committee F04
- Chair 2004-2005, (2006-2007)
 - User Vice-Chair (2000-2001)
 - User vice Chair (2002-2003)
 - Co-chair, Division III on Spinal Devices (1995-2007)
 - Symposium Co-chair, Workshop on Spinal Implants, Orlando, FL (1996)
 - Workshop Co-Chair, Workshop on Bone Graft Substitutes, Orlando, FL (2000)
 - Symposium Co-Chair, Symposium on Spinal Implants: Are We Evaluating Them Appropriately? Dallas, TX (2001)
 - Workshop Co-Chair, The Future of Arthroplasty Standards: Planning for the Next Five Years, St. Louis, MO (2008)
- Cervical Spine Research Society
- Research Committee (2004-2007)
 - Board of Specialty Societies (BOS) Representative (2008-2017)
- Florida Orthopaedic Society (FOS)
- Spine Breakout facilitator (2012), Sarasota, FL
 - Program committee (2015) St. Petersburg, FL
 - Spine Breakout facilitator (2015) St. Petersburg, FL
- International Society for the Study of the Lumbar Spine (resigned 2005)
- Mid-America Orthopaedic Association (resigned 2005)
- Moderator, Annual Meeting (1999): Spine
- North American Spine Society
- Orthopaedic Research Society
- Moderator, Annual Meeting (1997): Spine Fusion
 - Moderator, Annual Meeting (2000): The Spine
- Piedmont Orthopaedic Society
- Co-Chair (academic program)Annual Meeting (2010)
- Southern Orthopaedic Association
- Nominating Committee "at large" member (1998, 2000, 2001)
 - Planning committee: Hot Topics in Cold Weather II. Aspen, CO, 3/27 to 4/3/99
 - Councilor for Alabama (2000-2004)
 - Residents and Fellows Subcommittee (2004, 2005)
 - Moderator, Annual Meeting (2004): Spine
 - Member, Board of Trustees (2007-2011)

MEMBERSHIPS

American College of Surgeons
 Charles Herndon Society
 Christian Medical and Dental Society
 Jefferson County Orthopaedic Society
 Medical Association of the State of Alabama
 Sigma Xi Research Society (1985-2000)

COUNCILS AND COMMITTEES:

Kirklin Clinic Rehabilitation Committee (1992-1993)

- Task Force on Work Hardening

Jefferson County Orthopaedic Society

- Secretary/Treasurer (1996-2006)

Orthopaedic Research and Education Foundation

- Medical Director for Alabama (1994-2006)

American Academy of Orthopaedic Surgeons

- Biomedical Engineering Committee (1998-2001, 2001-2004)
 - Chairman, (2002-2005, 2005-2008)
- Council on Research, Quality and Technology (CORQAT), (2002-2005, 2005-2008)
- Project Team on Health Technology Assessment (ad hoc)(2003-2005)
- Council on Research and Quality (renamed) (2012-2014)
- Device Forum (2002-2005, 2005-2008)
- Technology Assessment Project Team Chair (2006-2008)
 - (Bone Void Fillers)

International Standards Organization (ISO)

- Chairman, Osteosynthesis Subcommittee (Subcommittee 5 of Technical committee 150)(1999-present)

Public Health Service, Food and Drug Administration

- Member, Orthopaedic and Rehabilitation Devices Panel,
- Medical Devices Advisory Committee (2002-2006)
 - Chair (2005-2006)
 - Panel member 3-13-09
 - Panel member 11-4-09
 - Panel member 7-27-10

American Board of Orthopaedic Surgery

- Oral examiner (2002-2015, 2018-2022)
- Spine question reviewer for recertification exam (2004, 2010, 2019)
- Participant Beta testing of EMR for oral exams 11-16-2013
- Practice audit expert Jan 2019

Centers for Medicare and Medicaid Services,

- Medicare Coverage Advisory Committee, Guest Expert
- Panelist, 10-6-05 Baltimore, Maryland
- Medicare Coverage Advisory Committee, panel member (2006-2008)
- Medicare Coverage Advisory Committee, Guest Panel Member, 9-22-10, Baltimore, Maryland

AAOS Technology overview task group on Bone Void Fillers

- Chair

ACGME/ABOS Orthopaedic Surgery Milestone Project Working Group (2011-2012)

INSTITUTIONAL ACTIVITIES:

Orlando Veterans Administration Medical Center:

Incident Command Structure Medical branch leadership team March 30-May 31, 2020
Re Covid-19 Operation Safeguard
Pharmacy and Therapeutics committee May 2019-present
Data Monitoring Panel Jan 2014-Feb 2016

University of Central Florida School of Medicine

Instructor, Musculoskeletal small group 2015, 2016, 2017, 2019, 2020
Instructor, Practice of Medicine 2, 2015, 2016, 2017
Instructor, Practice of Medicine 1, 2015, 2016, 2017
Instructor, Anatomy, spine and extremities 2015, 2016, 2017, 2018, 2019, 2020
Medical student rotation professor and supervisor MS 3 2018-present
MS 4 2017-present
Orthopedic Chair for Education 2016-2021
Co-Chair for Education 2021-present

University of Florida College of Medicine - Jacksonville:

Graduate Medical Education Committee (2007-2014)
Compliance Committee (2007-2013)
Research Academic Council (2007-2013)
University of Florida College of Medicine – Jacksonville, Board of Directors (2006-2013)
University of Florida Jacksonville Healthcare Inc., Board of Directors (2006-2013)
Search Committee Chair, Department of Surgery (2007)

Shands Jacksonville Medical Center:

Medical Executive Committee (2006-2013)
OR value analysis committee (2007-2013)
Clinical Operations Committee (2006-2013)
OR Operations Committee (2006-2013)
Surgical Performance Improvement Committee (2007-2013)
Mini-Material Utilization Standardization Team (2007-2013)

University of Alabama, Birmingham:

Center for Aging 1994 Intramural Grant Program (Reviewer)
Conflict of Interest Review Board (1996-2000)
Faculty Senate, alternate (1998-1999)

School of Medicine:

Search Committee, Department of Rehabilitation Chairman (April 1994-December 1995)

Faculty Advisor, University of Alabama, Birmingham:

Residents:

1992-1993	Duke Ahn Scott Morris
1993-1994	John Coen
1994-1995	John Coen

	Tim Conlan (Administrative Chief Residents)
1995-1996	John Greco (Administrative Chief Resident) Jeff Wade
1996-1997	Frazier Jones Jeff Wade (Administrative Chief Residents)
1997-1998	Thomas Kramer Fernando Sanchez (Administrative Chief Residents)
1998-1999	Shane Buggay Michael House (Administrative Chief Residents)
1999-2000	Sharon Mayberry Suzanne Tanner
2000-2001	Suzanne Tanner Jeff Cusmariu
2001	Advisor program discontinued

Fellows:

1996-1997	Jose Carillo
June, July 2001	Mario Marin Troncoso

School of Engineering

Search Committee, Chairman of the Department of Mechanical Engineering

Faculty Advisor:

Graduate Students:

1993-1995	Fred Molz, Master of Science
1993-1995	Mohammad Hannoush, Master of Science
1995-1999	Fred Molz, Doctor of Philosophy
1995-1997	Julie Levy, Master of Science
1997-1999	Jason Partin, Master of Science

Post Doctoral:

1992-1997	Reza Moeini, Post Doctoral Fellow/Research Associate
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EDITORIAL BOARD MEMBERSHIPS:

The Journal of Bone and Joint Surgery
Consultant Reviewer (2002-)

Journal of the Southern Orthopaedic Association
Editorial Board Member (approx 1995-)

American Journal of Orthopaedics
Editorial Board Member (approx 1996-2006)

The Spine Journal
Reviewer (2012-)

TEACHING TRAINING

Orthopaedic Basic Educators Course
American Academy of Orthopaedic Surgeons
Course participant 1996, and 4 update courses

Curriculum Activities

University of Florida College of Medicine - Jacksonville:
2006-2014 Program Director Orthopaedic Residency

University of Alabama Birmingham:
1992 -2001 Course Director, Spine Conference (Residency)
1993 –2002 Course Director, Basic Science Conference (Residency)
1994 -2001 Director, Resident Education
1995 OSCE Examiner, 2nd and 3rd year medical students
1996 Course Director: Management of Back Pain Syndromes, Birmingham, AL
3/16/96 (CME)
1996, 1997, 1998 Small group Instructor, Physical Diagnosis of the Musculoskeletal System
(medical students)
1998-2006 Course Director, Ethics Conference (Residency)

University of Central Florida College of Medicine
2016- Orthopaedic Surgery Content Chair

Please see additional activity under society and membership activities, lectures, etc.

MAJOR LECTURES AND VISITING PROFESSORSHIPS:

9/19/92 University of Alabama, Birmingham, "Thoracolumbar Fractures", Orthopaedic
Grand Rounds

10/21/92 University of Alabama, Birmingham, "Arthritis of the Spine", Rheumatology Grand
Rounds

- 4/10/93 University of Alabama, Birmingham, "Surgical Treatment of Spinal Deformity", General Surgery Grand Rounds
- 9/28/93 Toronto Hospital for Sick Children, "Considerations in the Management of Thoracolumbar Fractures"
- 10/4/93 Beth Israel Hospital, "Kinematics of the Cervical Spine following Fusion"
- 10/7/93 New York Academy of Medicine, "Considerations in the Management of Thoracolumbar Fractures"
- 10/11/93 Thomas Jefferson University/Rothman Institute, Orthopaedic Grand Rounds "Kinematics of the Cervical Spine following Fusion"
- 10/11/93 University of Pennsylvania, "Kinematics of the Cervical Spine following Fusion"
- 10/13/93 University of Pittsburgh Orthopaedic Grand Rounds, "Reconstruction of the Anterior Cruciate Ligament with Anatomic Allografts"
- 10/21/93 Charlotte Memorial Hospital Orthopaedic Grand Rounds "Kinematics of the Cervical Spine following Fusion"
- 10/22/93 Medical University of South Carolina, Kinematics of the Cervical Spine following Fusion"
- 10/26/93 Emory University of Orthopaedic Grand Rounds, "Kinematics of the Cervical Spine following Fusion"
- 11/20/93 University of Alabama, Birmingham, "Surgical Treatment of Cervical Spine Disorders", Orthopaedic Grand Rounds
- 3/11/94 University of Alabama, Birmingham, "Thoracolumbar Fractures", Spain Rehabilitation Grand Rounds
- 3/16/94 University of Alabama, Birmingham, "Surgical Management of Lumbar Disorders", Rheumatology Grand Rounds
- 11/2/94 Bowman Gray School of Medicine Orthopaedic Grand Rounds "Cervical Spine Trauma"
- 2/16/95 University of Alabama, Birmingham, "Surgical Indications for the Lumbar Spine", Geriatrics Grand Rounds
- 3/10/95 National Association of Orthopaedic Nurses, Birmingham Chapter, Workshop
- 3/11/95 University of Alabama, Birmingham, "Lumbar Spinal Stenosis", Orthopaedic Grand Rounds

- 3/29/95 Bowman Gray School of Medicine, "Case Presentations", Orthopaedic Grand Rounds
- 4/20/95 Selma Family Medicine, "Oh, My Aching Back: Evaluation and Management of Low Back Pain"
- 4/22/95 Orthopaedics for Primary Care Physicians, Birmingham, Alabama, "Back Pain: Care and Management"
- 5/26/95 Primary Care Medicine Today, Bermuda, "Oh, My Aching Back: Evaluation and Management of Lower Back Pain"
- 5/26/96 Primary Care Medicine Today, Bermuda, "Oh, My Aching Back: Evaluation and Management of Lower Back Pain"
- 12/8/95 University of Alabama, Birmingham, "Spinal Stenosis", Spain Rehabilitation Grand Rounds
- 2/12/96 17th Annual International Conference in Continuing Medical and Dental Education, Kenya. Sponsored by the Christian Medical and Dental Society. "Osteomyelitis"
- 2/13/96 17th Annual International Conference in Continuing Medical and Dental Education, Kenya. Sponsored by the Christian Medical and Dental Society. "Evaluation of Low Back Pain"
- 2/14/96 17th Annual International Conference in Continuing Medical and Dental Education, Kenya. Sponsored by the Christian Medical and Dental Society. "Osteomyelitis of the Spine"
- 2/15/96 17th Annual International Conference in Continuing Medical and Dental Education, Kenya. Sponsored by the Christian Medical and Dental Society. "Evaluation of Neck Pain"
- 2/16/96 17th Annual International Conference in Continuing Medical and Dental Education, Kenya. Sponsored by the Christian Medical and Dental Society. "Fundamentals of the AO/ASIF Technique"
- 2/22/96 Tenwek Hospital, Bomet, Kenya Weekly CME Lecture, "Oh, My Aching Back: Evaluation and Management of Low Back Pain"
- 2/29/96 Tenwek Hospital, Bomet, Kenya Weekly CME Lecture, "Oh, What A pain in the Neck: Evaluation and Management of Neck Pain"
- 10/12/96 University of Alabama, Birmingham, "Spine Trauma", General Surgery Grand Rounds

- 1/25/97 18th Annual International Conference in Continuing Medical and Dental Education, Malaysia. Sponsored by the Christian Medical and Dental Society. "Oh, What a Pain in the Neck: Evaluation and Surgical Indications in Neck Pain"
- 1/27/97 18th Annual International Conference in Continuing Medical and Dental Education, Malaysia. Sponsored by the Christian Medical and Dental Society. "Oh, My Aching Back: Evaluation and Surgical Indications in Low Back Pain"
- 1/28/97 18th Annual International Conference in Continuing Medical and Dental Education, Malaysia. Sponsored by the Christian Medical and Dental Society. "Basic AO/ASIF Techniques"
- 1/29/97 18th Annual International Conference in Continuing Medical and Dental Education, Malaysia. Sponsored by the Christian Medical and Dental Society. "Osteomyelitis of the Spine"
- 1/30/97 18th Annual International Conference in Continuing Medical and Dental Education, Malaysia. Sponsored by the Christian Medical and Dental Society. "Osteomyelitis"
- 2/8/97 University of Alabama at Birmingham CME Course - Orthopaedics for Primary Care Physicians, Montgomery, AL. "Oh, My Aching Back: Evaluation and Surgical Indications in Low Back Pain". Injections and examinations instructor.
- 4/24/98 University of Alabama, Birmingham, "Evaluation and Surgical Management of Low Back Pain", Spain Rehabilitation Grand Rounds.
- 9/16/98 University of Alabama, Birmingham, "Spinal Deformity in Spondyloarthropathy-Rheumatoid Arthritis and Ankylosing Spondylosis" Rheumatology Grand Rounds.
- 1/13/99 University of Arizona, Orthopedic Conference "Osteomyelitis of the Spine"
- 3/12/99 Southern Medical Association: The 4th Conference on Pain Management - Strategies for Improving Outcomes. "Differential Diagnosis of Low Back Pain"
- 3/31/99 Southern Orthopaedic Association: Hot Topics in Cold Weather II. "Spine Injuries in the Athlete"
- 5/11/99 Carraway Medical Center-Bessemer: CME program "Oh, What a Pain in the Neck: Evaluation, Management, and Surgical Indications in Neck Pain"
- 6/18/99 University of Maryland, Grand Rounds for Orthopaedic Surgery, "Osteomyelitis of the Spine"
- 11/8/01 Texas Spine Study Group, Dallas, TX "Standards for Spinal Implants: Are We Testing them Appropriately?"

- 9/27/02 Food and Drug Administration, Center for Devices and Radiological Health(CDRH) Staff College. The Spine: What is it, What does it do & What Can go wrong?
- 10/23/02 Christian Medical Ministry of Alabama, Pizza and Perspective "Yours or Theirs: Professionalism in Medicine"
- 6/2/04 Food and Drug Administration, Center for Devices and Radiological Health (CDRH), Orthopedic and Rehabilitation Devices Panel, Lead Reviewer "DePuy Spine Charite artificial Disc: One Panel Member's Review"
- 8/31/04 Food and Drug Administration, Center for Devices and Radiological Health (CDRH), Orthopedic and Rehabilitation Devices Panel, Lead Reviewer "PMA 040001the X-Stop Intraspinous Process Distraction System. Clinical Reviewer Presentation"
- 11/5/04 UAB Department of Physical Medicine and Rehabilitation Grand Rounds Lecture "From Bench to Bedside: How do new devices for back pain become available for use?"
- 4/22/05 AAOS National Orthopaedic Leadership Conference "Project Team on Technology Assessment"
- 8/6/05 Southern Orthopaedic Association Annual meeting Symposium: Disc Arthroplasty vs. ACDF "Anterior Cervical Discectomy and Fusion"
- 5/31/06 Biomedical Engineering materials and Applications (BEMA) Roundtable on "Biomaterials and the Baby Boomers." "Standards and a Surgeon's Perspective: Pre-Clinical Testing"
- 9/19/06 Food and Drug Administration, Center for Devices and Radiological Health (CDRH), Orthopedic and Rehabilitation Devices Panel, Lead Reviewer "PMA 060018 Prestige Cervical Disc Arthroplasty" Lead clinical reviewer presentation
- 9/26/13 Emergency and Trauma Care Symposium, UF Health Jacksonville: "Surgical Management of Thoracolumbar Fractures"

GRANT SUPPORT:

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|-----------|---|-----------|
| 1988-1991 | Cryolife Grant-in-Aid
"Cryopreserved Allograft of the Anterior Cruciate Ligament. A Canine Model."
Principal Investigator | \$140,000 |
| 1989 | Piedmont Orthopaedic Foundation Grant
"Determination of Cell Origin in Healed Cryopreserved ACL Allografts."
Principal Investigator | \$3,000 |
| 1992 | Metrohealth Orthopaedic Surgery Grant | \$32,500 |

"The Effect of Anterior Plate Fusion of the Cervical Spine on the Kinematics of Adjacent Levels."

Principal Investigator. (Work completed by D.A.Fuller following completion of my spine fellowship.)

1994	Accromed Corporation Grant-in-Aid "Alternatives in Pedicle Hook Design for Thoracic Spinal Fixation. Experimental and Finite Element Analysis." Co-investigator	\$5,000
1996-1999	Veterans' Administration Rehabilitation Research and Development Service "The Effects of Spinal Instrumentation" Principal Investigator	\$201,375
1998	Veterans' Administration Rehabilitation Research and Development Service Equipment Supplement Award	\$88,000
2008-2009	Cervical Spine Research Society "A Comparison of C1-C2 Transarticular Screw Placement after Self- Education and Mentored Education of Orthopaedic Residents"	\$ 22,100

OTHER (non-university activity):

Football Team Physician, Briarwood High School (1992-)

Briarwood Presbyterian Church Member

Deacon (1996-1999)

World Missions Committee (1995-2000)

Global Ministry team (2002-)

Small group leader (1995-2001)

Lay Counseling Ministries (1997-)

Elder (2002-2004)

Short Term Medical Missionary

Tenwek Hospital, Kenya (1994, 1996)

Kijabe Hospital, Kenya (1998)

Heritage Pipes and Drums (snare drummer) (1993-2005)

Alumni in Admissions Volunteer, Wake Forest University (1996-2002).

Presidential Scholar Regional Interviewer, Wake Forest University, (February, 1999)

Birmingham Healthcare for the Homeless volunteer, (1999-2001)

BIBLIOGRAPHY:

Manuscripts:

Kirkpatrick, J.S., Clarke, I.C., Amstutz, H.C., Jinnah, R.H.: Radiographic Techniques for Consistent Visualization of Total Hip Replacements. *Clinical Orthopaedics and Related Research* 174:158, 1983.

Amstutz, H.C., Ouzonian, T., Grauer, D., Flink, C., **Kirkpatrick, J.**, Bassett, L: The Grid Radiograph. A Simple Technique for Consistent High Resolution Visualization of the Hip. *Journal of Bone and Joint Surgery* 67A(7):1052-1056, Sept. 1986.

Kirkpatrick, J.S., Gower, D., Chauvenet, A., Kelly, D.: Subgaleal Hematoma in a Child Without Skull Fracture. *Developmental Medicine and Child Neurology* 28:511-514, 1986.

Kirkpatrick, J.S., Koman, L.A., Rovere, G.D.: The Role of Ultrasound in the Early Diagnosis of Myositis Ossificans, A Case Report. *The American Journal of Sports Medicine* 15(2):179-181, 1987.

Kirkpatrick, J.S., Callaghan, J.J., Vandemark, R.M., Goldner, R.D.: The Relationship of the Intrapelvic Vasculature to the Acetabulum: Implications in Screw Fixation Acetabular Components. *Clinical Orthopaedics and Related Research* 258:183-190, 1990.

Kirkpatrick, J.S., Goldner, J.L., and Goldner, R.D.: Revision Arthrodesis for Tibiotalar Pseudarthrosis. *Clinical Orthopaedics and Related Research* 268:29-36, 1991.

Bassett, F.H., **Kirkpatrick, J.S.**, Engelhardt, D.L., Malone, T.R.: Cryotherapy Induced Nerve Injury. *American Journal of Sports Medicine* 20(5):516-518, 1992.

Kirkpatrick, J.S., Moloney, E.J., and Richardson, W.J.: Internal Fixation of the Lumbar Spine: Evaluation of a Protocol for System Selection. *Journal of the Southern Orthopaedic Association* 2(3):147-154, 1993.

Kirkpatrick, J.S., and Hadley, M.N.: Autograft vs. Alloimplant Bone as Substrate for Spinal Fusion. *Perspectives in Neurological Surgery* 4(2):38-48, 1993.

Bohlman, H.H., **Kirkpatrick, J.S.**, Delamarter, R.B., and Leventhal, M.: Anterior Decompression for Late Pain and paralysis Following Fractures of the Thoracolumbar Spine. *Clinical Orthopaedics and Related Research* 300:24-29, 1994.

Kirkpatrick, J.S., Bolesta, M.J., Biro, C., Bohlman, H.H.: Axonal Regeneration after Decompression of the Conus Medullaris: A Canine Model. *Spine* 19(21):2433-2435, 1994.

Boden, S.D., Martin, C., Rudolph, R., **Kirkpatrick, J.S.**, Moeini, R., Hutton, W.C.: Increase of Motion Between Lumbar Vertebrae after Excision of the Capsule and Cartilage of the Facets. *J. Bone Joint Surg.* 76A(12):1847-1853, 1994.

Ghavam, C., **Kirkpatrick, J.S.**: Extension-Distraction Fracture of the First Lumbar Vertebra. *Spine* 20(9):1080-1083, 1995.

Kirkpatrick, J.S., Wilber, R.G., Likavec, M., Emery, S.E., and Ghanayem, A.: Anterior Stabilization of Thoracolumbar Burst Fractures Using the Kaneda Device: A Preliminary Report. *Orthopaedics* 18(7):673-678, 1995.

Kirkpatrick, J.S.: Oh, My Aching Back: Evaluation and Surgical Treatment of Lumbar Spine Disorders. *Southern Medical Journal* 89(10):935-939, 1996.

Kirkpatrick, J.S., Glisson, R.R., Seaber, A.V., Bassett, F.H.: Cryopreserved Anatomic Allograft Anterior Cruciate Ligament Reconstruction. *Journal of the Southern Orthopaedic Association* 5(1):20-29, 1996.

Fuller, D.A., **Kirkpatrick, J.S.**, Emery, S.E., Wilber, R.G., Davy, D: A Kinematic Study of the Cervical Spine Before and After Segmental Arthrodesis. *Spine* 23(15):1649-1656, 1998.

Kirkpatrick, J.S., Levy, J.A., Carillo, J., and Moeini, S.R.: Reconstruction After Multilevel Corpectomy in the Cervical Spine: A Sagittal Plane Biomechanical Study. *Spine* 24(12):1186-1190, 1999.

Molz, F.J., **Kirkpatrick, J.S.**, Moeini, S.R., Partin, J.I., and Bidez, M.W.: Effects of Kyphosis and Lordosis on the Remaining lumbar Vertebral Levels Within a Thoracolumbar Fusion: An Experimental Study of the Multisegmental Human Spine. *Journal of the Southern Orthopaedic Association* 8(4):261-268, 1999.

Molz, F.J., Partin, J.I., **Kirkpatrick, J.S.:** The Acute Effects of Posterior Fusion Instrumentation on Kinematics and Intradiscal Pressure of the Human Lumbar Spine. *Journal of Spinal Disorders & Techniques* 16(2):171-179, 2003.

Kirkpatrick, J.S.: The Anterior Approach in the Management of Thoracolumbar Burst Fractures. *Journal of the American Academy of Orthopaedic Surgeons* 11(5):355-363, 2003.

Clayton, B., MacLennan, P.A., McGwin, G., Rue, L., **Kirkpatrick, J.S.:** Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. *Spine* 29:386-389, 2004.

Kirkpatrick, J.S., Sheils, T., Theiss, S.: Type III Dens Fracture with Distraction. An Unstable Injury. *Journal of Bone and Joint Surgery* 86A(11):2514-2518, 2004.

Kirkpatrick, J.S., Venugolopalan, R., Bibbs, M., Lemons, J, Beck, P.: Corrosion on Spinal Implants. *Journal of spinal Disorders and Techniques* 18(3):247-251, 2005.

Scholl, B., **Kirkpatrick, J.S.**, Theiss, S.: Short Segment Fixation in Thoracolumbar Burst Fractures. *Orthopaedics* 29(8):703-708, 2006.

Hodges, F.S., McAtee, S., **Kirkpatrick, J.S.**, Theiss, S.M.: The ability of MRI to predict failure of nonoperative treatment of pyogenic vertebral osteomyelitis. *Journal of Spinal Disorders and Techniques* 19(8):566-570, 2006.

Kirkpatrick, J.S., Stevens, T.R.: The FDA Process for Evaluation and Approval of Orthopaedic Devices. *Journal of the American Academy of Orthopaedic Surgeons* 16(5):260-267, 2008.

Riel, R., Lee, M., **Kirkpatrick, J.S.**: Measurement of a Posterior Occipito-cervical Fusion Angle. *Journal of Spinal Disorders and Techniques* 23(1):27-29, 2010

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Elliott, M.R., **Kirkpatrick, J.S.**: Type IIa Hangman's Fracture with pure distraction: not your typical Type IIa fracture. *The Spine Journal* 14(7):1360-1361, 2014.

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Journal of Surgical Education submission 12-10-21

Lynch, D, Romero, A, Johnson, E, Phillips, T, Topping, D, Schwartz-Fernandes, F: The utility of 2 dimensional printing for the preoperative planning of clavicular fixation: a cadaveric study. Journal of Clinical Orthopaedics and Trauma submission 1-25-23

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Kirkpatrick, J.S., Melkerson, MN, "ASTM adopts spinal implant standard." The American Academy of Orthopaedic Surgeons Bulletin, 1996;44(4).

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Molz, F.J., Partin, J.I., Kirkpatrick, J.S.: Development of a Platform for Testing the Multisegmental Spine in Load and Displacement Control. 1st National Meeting of the Veterans Administration Rehabilitation Research and Development Service, 1998.

Levy, J.A., **Kirkpatrick, J.S.**, Carillo, J., Moeini, S.R.: Reconstruction following Multilevel Corpectomy in the Cervical Spine: A Biomechanical Study. 1st National Meeting of the Veterans Administration Rehabilitation Research and Development Service, 1998.

Molz, F.J., Partin, J.I., **Kirkpatrick, J.S.**: The Acute Effects of Posterior Fusion Instrumentation on Kinematics and Intradiscal Pressure of the Human Lumbar Spine. American Academy of Orthopaedic Surgeons, 68th Annual Meeting, Poster # 0293, 2001.

Molz, F.J., Partin, J.I., **Kirkpatrick, J.S.**: The Acute Effects of Posterior Fusion Instrumentation on Kinematics and Intradiscal Pressure of the Human Lumbar Spine. American Orthopaedic Association, 114th Annual Meeting, 2001.

Kirkpatrick, J.S., Sheils, T., Theiss, S.: Vertically Unstable Odontoid Fractures. Cervical Spine Research Society, twenty-ninth Annual Meeting, 2001.

Scholl, B.S., Waggoner, C, Theiss, S, **Kirkpatrick, J.S.**: Sagittal Plane Alignment of Thoracolumbar Fractures Treated with Short-Segment Instrumentation. American Academy of Orthopaedic Surgeons, 70th Annual Meeting, poster #298, 2003.

McAtee, S., Theiss, S., **Kirkpatrick, J.S.**: MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. International Society for the Study of the Lumbar Spine, 30th Annual Meeting, Poster 119, May 13-17, 2003.

Claytor, B, MacLennan, P.A., McGwin, G, Rue, L.W., **Kirkpatrick, J.S.**: Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. American Academy of Orthopaedic Surgeons, 71st Annual Meeting, poster #379, 2004.

Armitage, M., Schonning, A., **Kirkpatrick, J.S.**: Distraction Load to the Cervical Spine by Mechanical Ventilation. Cervical Spine Research Society, 35th Annual Meeting, poster 36, 2007.

Kirkpatrick, J.S., Greenwald, A.S. Berend, M.E., Brown, G.A., McGowan, D, Mihalko, W: Adverse Event reporting-An FDA Requirement: What, When, Who, and How. American Academy of Orthopaedic Surgeons, 75th Annual Meeting, Scientific Exhibit 77, March 5-9, 2008

Kirkpatrick, J.S., Greenwald, A.S. Berend, M.E., Brown, G.A., McGowan, D, Mihalko, W: Adverse Event reporting-An FDA Requirement: What, When, Who, and How. American Academy of Orthopaedic Surgeons, 76th Annual Meeting, Scientific Exhibit, February 25-28, 2009.

Mihalko, W.M., Greenwald, A.S., Berend, M.E., Brown, G.A., McGowan, D.P., **Kirkpatrick, J.S.**: Adverse Event Reporting an FDA Requirement: What, When, and How. American Academy of Orthopaedic Surgeons, 77th Annual Meeting, Scientific exhibit SE 02, March 9-13, 2010.

Keith, M.W., **Kirkpatrick, J.S.**: Evidence-Based Orthopaedic Practice, the AAOS, and You. American Academy of Orthopaedic Surgeons, 77th Annual Meeting, Scientific exhibit SE 06, March 9-13, 2010.

Kirkpatrick, J.S.: A Comparison of C1-C2 Transarticular Screw Placement after Self- Education and Mentored Education of Orthopaedic Residents. Cervical Spine Research Society, 38th Annual Meeting, Poster 56, December 2-4, 2010.

Puckett, B., Stiefel, E., Haan, C., **Kirkpatrick, J.S.:** Effective Patient Safety and Quality Improvement Education and Tracking of Orthopaedic Resident. The 2012 ACGME Annual Educational Conference, Poster 31, March 1-4, 2012.

Romero, A., Johnson, E., Phillips, T., Shah, Neel, Topping, D., **Kirkpatrick, J.,** Schwartz-Fernandes, F.: The Utility of 3-Dimensional Printing for the Preoperative Planning of a clavicular Fixation: A Cadaveric Study. 76th Annual meeting of the American Society for Surgery of the Hand, Poster 328 , September 30-October 2, 2021.

Lynch, D., Romero, A., Johnston, E., Zhu, X., **Kirkpatrick, J.S.:** MRI Appropriateness In The Evaluation Of Chronic Neck Pain: Comparison Of Ordering Practices And Treatment Outcomes For Primary Care Physicians And Specialists. 2023 Annual Meeting of the Orthopedic Research Society, Poster 865 Feb 10-14, 2023.

Lynch, D., Romero, A., Johnson, E., Phillips, Topping, D., **Kirkpatrick, J.,** Schwartz-Fernandes, F.: The Utility of 3-Dimensional Printing for the Preoperative Planning of a clavicular Fixation: A Cadaveric Study. 2023 Annual Meeting of the Orthopedic Research Society, Poster 494, Feb 10-14, 2023.

SCIENTIFIC PRESENTATIONS:

Kirkpatrick, J.S., Clarke, I.C., Amstutz, H.C.: The UCLA Chariot, The Hip Society Summer Program, 1979.

Kirkpatrick, J.S., Callaghan, J.J., Vandemark, R.M., Goldner, R.D.: The Relationship of the Intrapelvic Vasculature to the Acetabulum: Implications in Screw Fixation Acetabular Components. Eastern Orthopaedic Association, 1989 annual meeting.

Kirkpatrick, J.S., Glisson, R.R., LeCara, G., Seaber, A.V., and Bassett, F.H., III,: Biomechanical, Histological, and Microvascular Properties of Cryopreserved ACL Allografts 3 and 6 Months Post-Transplantation. 36th Annual Meeting of the Orthopaedic Research Society, 1990.

Kirkpatrick, J.S., Goldner, J.L., and Goldner, R.D.: Revision Arthrodesis for Tibiotalar Pseudarthrosis. Symposium on Hindfoot Reconstruction, American Orthopaedic Foot and Ankle Society, 1990 Winter meeting.

Kirkpatrick, J.S., Callaghan, J.J., Vandemark, R.M., Stranne, S.K., Goldner, R.D.: The Relationship of the Intrapelvic Vasculature to the Acetabulum: Implications in Screw Fixation

Acetabular Components. (presented by Callaghan), Southern Orthopaedic Association, 1990 annual meeting.

Kirkpatrick, J.S., Seaber, A.V., Glisson, R.R., Bassett, F.H.: Biomechanical Properties of Cryopreserved Anterior Cruciate Ligament Allografts. First World Congress on Biomechanics, La Jolla, California, 1990.

Kirkpatrick, J.S., Malone, T.R., Bassett, F.H.: Cryotherapy Induced Nerve Injury. American Orthopaedic Society for Sports Medicine Specialty Day Meeting, 1991.

Kirkpatrick, J.S., Seaber, A.V., Glisson, R.R., Bassett, F.H.: Cryopreserved Anterior Cruciate Ligament Allografts: Biomechanical, Clinical, and Histologic Findings in a Canine Model. American Academy of Orthopaedic Surgeons 1991 Annual Meeting.

Kirkpatrick, J.S., Seaber, A.V., Glisson, R.R., Bassett, F.H.: Biomechanical, Clinical, and Histologic Properties of Cryopreserved ACL Allografts 9 Months Post-Transplantation. 37th Annual Meeting of the Orthopaedic Research Society, 1991.

Kirkpatrick, J.S., Moloney, E.L., and Richardson, W.J.: Lumbar Spine Fusion with Internal Fixation: A Comparison of Translaminar Facet Screws with Transpedicular Screws and Plates. Sixth Annual Meeting of the North American Spine Society, 1991.

Kirkpatrick, J.S., Glisson, R.R., and Bassett, F.H.: Anterior Cruciate Ligament Reconstruction with Anatomic Cryopreserved Allografts: Two Year Results in a Canine Model. 39th Annual Meeting of the Orthopaedic Research Society, 1993.

Kirkpatrick, J.S., Bolesta, M.J., Biro, C., Bohlman, H.H.: Axonal Regeneration after Decompression of the Conus Medullaris: A Canine Model. (presented by videotape) Eighth Annual Meeting of the North American Spine Society, 1993.

Boden, S.D., Martin, C., Rudolph, R., **Kirkpatrick, J.S.**, Moeini, R., Hutton, W.C.: Effect of Lumbar Facet Capsule/Cartilage Excision: Does Added Instability Outweigh Increased Fusion Area? Annual Meeting of the International Society for the Study of the Lumbar Spine, 1994.

Fuller, D.A., **Kirkpatrick, J.S.**, Emery, S.E., Wilber, R.G., Davy, D.: Kinematics of the Cervical Spine Following Fusion. 11th Annual Meeting of Southern Orthopaedic Association, 1994.

Boden, S.D., Martin, C., Rudolph, R., **Kirkpatrick, J.S.**, Moeini, R., Hutton, W.C.: Effect of Lumbar Facet Capsule/Cartilage Excision: Does Added Instability Outweigh Increased Fusion Area? 9th Annual Meeting of the North American Spine Society, 1994.

Fuller, D.A., **Kirkpatrick, J.S.**, Emery, S.E., Wilber, R.G., Davy, D.: Kinematics of the Cervical Spine Following Fusion. 9th Annual Meeting of the North American Spine Society, 1994.

Kirkpatrick, J.S., Glisson, R.R., Seaber, A.V., Bassett, F.H., Devlin, B., Kaufman, R.E.: Determination of Cell Origin Following Anterior Cruciate Ligament Allograft Reconstruction. 43rd Annual Meeting of the Piedmont Orthopaedic Society, 1995.

Kirkpatrick, J.S., Levy, J.A., Carillo, J., Moeini, S.R.: Biomechanics of Reconstruction following Multilevel Cervical Corpectomy. 45th Annual Meeting of the Piedmont Orthopaedic Society, 1997.

Kirkpatrick, J.S., Tolan, D.: Some Challenges of Orthopaedic Practice in Rural Kenya. 45th Annual Meeting of the Piedmont Orthopaedic Society, 1997.

Kirkpatrick, J.S., Levy, J.A., Carillo, J., Moeini, S.R.: Biomechanics of Reconstruction following Multilevel Cervical Corpectomy. 15th Annual Meeting of the Southern Orthopaedic Association, 1998.

Levy, J.A., **Kirkpatrick, J.S.**, Carillo, J. and Moeini, S.R.: Reconstruction following Multilevel Corpectomy in the Cervical Spine: A Saggital Plane Biomechanical Study. Seventeenth Annual Meeting of the Mid-America Orthopaedic Association, April 17, 1999.

Levy, J.A., **Kirkpatrick, J.S.**, Carillo, J. and Moeini, S.R.: Reconstruction following Multilevel Corpectomy in the Cervical Spine: A Saggital Plane Biomechanical Study. Twenty-fifth annual meeting of the American Spinal Injury Association, April 19, 1999

Molz, F.J., **Kirkpatrick, J.S.**, Partin, J.I.: Acute Effects of Pedicle Screw Instrumentation on the intervertebral motion of the Lumbar Spine. 17th Annual meeting of the Southern Orthopaedic Association, July 22, 2000.

Kirkpatrick, J.S., Venugolopalan, R., Bibbs, M., Lemons, J.E., Beck, P.: Corrosion on Spinal Implants. 49th Annual Meeting of the Piedmont Orthopaedic Association, May 10, 2001.

Kirkpatrick, J.S., Venugolopalan, R., Bibbs, M., Lemons, J.E., Beck, P.: Corrosion on Spinal Implants. International Society for the Study of the Lumbar Spine, 28th Annual Meeting, June 2001.

Kirkpatrick, J.S., Venugolopalan, R., Bibbs, M., Lemons, J.E., Beck, P.: Corrosion on Spinal Implants. 18th Annual Meeting of the Southern Orthopaedic Association, July 21, 2001.

Kirkpatrick, J.S., Venugolopalan, R., Bibbs, M., Lemons, J.E., Beck, P.: Corrosion on Spinal Implants. ASTM Symposium on Spinal Implants. November 6, 2001.

Kirkpatrick, J.S., Sheils, T., Theiss, S.: Type III Odontoid Fractures with Distraction: An Unstable Injury. Piedmont Orthopaedic Society, 50th Annual Meeting (Phase I), May 17, 2002.

Claytor, B, MacLennan, P.A., McGwin, G, Rue, L.W., **Kirkpatrick, J.S.:** Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. Piedmont Orthopaedic Society, 50th Annual Meeting (Phase II), May 10. 2003.

Molz, F., Partin, J., **Kirkpatrick, J.:** The Acute Effect of L3/L4 Fusion on the Motion of Vertebrae in a Whole Lumbar Cadaver Spine. (presented by Molz) International Society for the Study of the Lumbar Spine, 30th Annual Meeting, May 17, 2003.

Scholl, B., Waggoner, C., Theiss, S., and **Kirkpatrick, J.S.:** Short segment Fixation of Thoracolumbar Burst Fractures. Eastern Orthopaedic Association and Southern Orthopaedic Association, Joint Meeting, August 1, 2003.

Claytor, B, MacLennan, P.A., McGwin, G, Rue, L.W., **Kirkpatrick, J.S.:** Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. Eastern Orthopaedic Association and Southern Orthopaedic Association, Joint Meeting, August 2, 2003.

Claytor, B, MacLennan, P.A., McGwin, G, Rue, L.W., **Kirkpatrick, J.S.:** Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. (presented by Claytor) Cervical Spine Research Society, 31st Annual Meeting, December 11, 2003.

Hodges, F.S., McAtee, S., Theiss, S., **Kirkpatrick, J.S.:** MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. Piedmont Orthopaedic Society, 52nd Annual Meeting, May 7, 2004.

Hodges, F.S., McAtee, S., Theiss, S., **Kirkpatrick, J.S.:** MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. Southern Orthopaedic Association, 21st Annual Meeting, July 23, 2004.

Kirkpatrick, J.S.: Occipito-cervical Disruptions. Piedmont Orthopaedic Society, 55th Annual Meeting, May 11, 2007.

American Orthopaedic Association Annual Meeting Symposium: Debating the Value of Spine Surgery. The SPORT Study: Did NIH get it's \$15 Million Worth? Does Surgery "Work" for Leg Pain? Con position June 11, 2009.

Anderson, G.B.J., **Kirkpatrick, J.S.:** Technology Assessment Applied to the Spine. Piedmont Orthopaedic Society 57th Annual Meeting, May 7, 2009.

Kirkpatrick, J.S.: A comparison of C1-C2 transarticular screw placement after self-education and mentored education of orthopaedic residents. Piedmont Orthopaedic Society 58th Annual Meeting, May 8, 2010.

Kirkpatrick, J.S.: A comparison of C1-C2 transarticular screw placement after self-education and mentored education of orthopaedic residents. Eastern Orthopaedic Association 41st Annual Meeting. October 16, 2010.

Frykberg, B.P., Smith, C.S., Lee, M.C., Brinkis, E.M., **Kirkpatrick, J.S.:** The Effect of Perioperative Pregabalin on Postoperative Pain in Total Knee Arthroplasty: A Prospective Randomized Trial. Piedmont Orthopaedic Society 60th Annual Meeting, May 12, 2012.

Romero, A., Johnson, E., Phillips, T., Shah, Neel, Topping, D., **Kirkpatrick, J.,** Schwartz-Fernandes, F.: The Utility of 3-Dimensional Printing for the Preoperative Planning of a clavicular Fixation: A Cadaveric Study. Florida Orthopedic Society Shoulder and Elbow Breakout May 15, 2021.

Invited Workshops and Lectures

National Association of Orthopaedic Nurses, Magic City Chapter CME Course - The Incredible Shrinking Woman, 3/10/95, "Orthopaedic Considerations in Osteoporosis"

University of Alabama, Birmingham CME Course - Orthopaedics for Primary Care Physicians, 4/22/95, "Back Pain: Care and Management" Case presentation instructor.

University of Alabama, Birmingham CME Course - Primary Care Medicine Today, 5/27/95. "Oh, My Aching Back: Evaluation and Surgical Indications in Low Back Pain".

University of Alabama, Birmingham CME Course - Primary Care Medicine Today, 5/27/95. 'Oh, What a Pain in the Neck: Evaluation and Surgical Indications in Neck Pain".

Southern Orthopaedic Association CME course-Hot Topics in Cold Weather II, March 31, 1999. "Spine Injuries in Athletes"

Piedmont Orthopaedic Society 47th Annual Meeting, 5/14/99. Panel Discussion member "Controversies in Spine Surgery"

ASTM Committee F04 Workshop on the Past, Present, and Future. May 23, 2000. "The User Perspective"

ASTM Committee F04 Workshop on Bone Graft Substitutes. November 14, 2000. Moderator, "Allograft Based Systems for Use as Bone Graft Substitutes."

ASTM Symposium on Spinal Implants. November 6-7, 2001. Symposium co chair and Moderator "Spinal device components, subassemblies, and interconnections; Cages and interbody fusion devices; functional spinal devices and artificial discs."

Device Forum. November 3, 2003 "Artificial Discs and new spine technologies"

National Materials Advisory Board, Roundtable on Biomedical Engineering Materials and Applications (BEMA), Preclinical Evaluation Program, May 31-June 1, 2006 "Standards and a Surgeon's Perspective: Pre-clinical Testing"

American Orthopaedic Association Annual Meeting Symposium: Debating the Value of Spine Surgery. The SPORT Study: Did NIH get it's \$15 Million Worth? Does Surgery "Work" for Leg Pain? Con position June 11, 2009.

Southern Orthopaedic Association 26th Annual Meeting Symposium on Optimizing Outcome of Your Orthopaedic Procedure. "Preoperative Optimization" July 18, 2009.

FDA reviewer educational lecture "A Curmudgeon's View of Spinal Technologies" July 26,2010. Florida Orthopaedic Society 2012 Scientific Annual Meeting "Coverage Determinations and Spine Practice" Sarasota Fl. June 2, 2012

American Orthopaedic Association Annual Meeting Symposium 1 Off-Label Device Use: Acting in the Best Interest of Your Patient. "Off-label use of pedicle screws: What happened and what can we learn?" Denver, CO, June 13, 2013

AUDIOVISUAL PROGRAMS:

Kirkpatrick, J.S., Malone, T.R., Bassett, F.H.: Cryotherapy Induced Nerve Injury. Orthopaedic Audio-Synopsis Foundation, Cassette tape, Volume 23, April, 1991.