

David R. Lionberger, MD
6550 Fannin, Suite 1016 Houston, TX 77030
713-333-4100 dlionbergermd@gmail.com

EDUCATION AND MEDICAL TRAINING

Fellowship 1981-1982
Harvard Medical School, Boston, Massachusetts
Teaching and Research Fellowship

Residency 1978-1982
Baylor College of Medicine, Houston, TX
Residency in Orthopedic Surgery

Internship 1977-1978
Baylor College of Medicine, Houston, TX
Internship in General Surgery

Externships

University of Texas Southwestern Medical School, Dallas, TX 1976
Externship in Thoracic Surgery

Oschner Clinic, New Orleans, LA 1974
Clinical Externship

Doctor of Medicine 1973-1977
University of Missouri Medical School, Columbia, MO
Doctor of Medicine

Undergraduate Degree 1963-1973
University of Missouri, Columbia, MO
Bachelor of Arts in Chemistry

PROFESSIONAL WORK HISTORY

Clinical Associate Professor 2011-present
Texas A&M Medical School, Houston, TX
Department of Orthopedic Surgery

Orthopedic Surgeon 2004-present
Southwest Orthopedic Group, L.L.P., Houston, TX

Clinical Associate Professor 2008-2010
Baylor College of Medicine, Houston, TX
Department of Orthopedic Surgery

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Orthopedic Surgeon 1996-2004
Hopestar Orthopedic Group, L.L.P., Houston, TX

Orthopedic Surgeon 1982-1996
Scurlock Orthopedic Associates, Houston, TX

NON-ACADEMIC POSITIONS

Planning and Development Committee Member 1992-present
Western Orthopedics

Charter Board Member 1991-present
Houston Children's Chorus, Houston, TX

Charter Member 1991-present
American Association of Hip and Knee Surgeons

Team Physician 1988-1989
Gamblers Professional Football Team Consultant, Houston, TX

INDUSTRY CONSULTING AGREEMENTS AND AFFILIATIONS Past and Present

Aesculap Implant Systems
Alpharma Pharmaceuticals
King Pharmaceuticals
NASA
Pfizer
Proctor and Gamble
Salient Technologies
Smith and Nephew
Biocomposites

LICENSURE AND CERTIFICATIONS

State, Active 2014
Board Certified, American Board of Your Specialty, 1976
American Board of Orthopaedic Surgeons, Recertification completed 2014 next due 2015

PROFESSIONAL MEMBERSHIPS

<i>Association of Arthritis, Hip, and Knee Surgery</i>	1991-present
<i>Medicus International</i>	1990-present
<i>Western Orthopedic Association</i>	1990-present
<i>American Academy of Orthopedic Surgeons</i>	1987-present
<i>Texas Orthopedic Association</i>	1986-present
<i>Southern Medical Association</i>	1985-present
<i>Harris County Medical Society</i>	1982-present

HONORS AND AWARDS

<i>Texas Monthly Magazine, "Super Doctor" List</i>	2004-2006
<i>Fortune Magazine, "Best Doctor" Award</i>	2004
<i>University of Missouri, Dean's List for Academic Excellence</i>	1969-1973
<i>University of Missouri, Alpha Chi Sigma Chemistry Honorary</i>	1971

ADDITIONAL ACCOMPLISHMENTS

First surgeon to perform electromagnetic computer-assisted surgery for a minimally invasive total knee replacement 2005

"Pregabalin for the treatment of the postoperative pain: results from three controlled trials using different surgical models." Singla NK, Chelly JE, Lionberger DR, Gimbel J, Sanin L, Sporn J, Yang R, Cheung R, Knapp L, Parsons B, *Journal of Pain Research* 2015;8 9-20

"Patient Specific Instrumentation." Lionberger DR, Crocker CL, Chen V, *The Journal of Arthroplasty* 29 (2014) 1699-1704

PUBLICATIONS

"Delayed Risedronate Use After Total Hip Arthroplasty Does Not Restore Bone Loss." Lionberger DR, Eggers MD, Bawker, *Joint Implant Surgery and Research Foundation*, 2013; 3:2

"Is Computer-Assisted Surgery in Total Knee Arthroplasty as Accurate as it Can Be?" Lionberger, DR, Crocker, CL, Rahbar, MH. *Computer Aided Surgery* 2012; 17(4): 198-204

"Improved Knee Flexion Following High Flexion Total Knee Arthroplasty." Lionberger, DR, Eggers, MD, Brewer, K., Fang, L. *Journal of Orthopaedic Surgery and Research* 2012; 7:22

"Assessing Whether Preoperative Templates and Planning Can Replace Intraoperative Computer-assisted Surgery Measurements in Total Knee Arthroplasty." Lionberger et al *Supplement to Orthopedics* 2012; 35(10): 29-33

“Protection of Repaired Patellar Tendons, A Surgical Technique”, Lionberger, DR, Correa, N., The Journal of Arthroplasty 2011; 26(6)

“Diclofenac epolamine topical patch relieves pain associated with ankle sprain.” Lionberger, DR, Jousselein, E., Lanzarotti, A., Yanchick, J., Magell, M. Journal of Pain Research 2011; 4

“Pooled analysis of clinical trial data evaluating the safety and effectiveness of diclofenac epolamine topical patch 1.3% for the treatment of acute ankle sprain.” Lionberger, DR, Eric Jousselein, E., Yanchick, J., Merrell, M., Lanzarotti, A. Open Access Journal of Sports Medicine 2011; 2:75-84

“A Comparison of Wound Closure Techniques for Total Knee Arthroplasty.” Eggers, MD, Fang, L., Lionberger, DR. The Journal of Arthroplasty 2011; 26(8)

“Relationship between patient-reported disease severity in osteoarthritis and self-reported pain, function and work productivity.” Sadosky, A., Bushmakina, AG, Cappelleri, J., Lionberger DR. Arthritis Research and Therapy 2010; 12:R162

“Topical nonsteroidal anti-inflammatory drugs for the treatment of pain due to soft tissue injury: diclofenac epolamine topical patch” Lionberger, DR, Brennan, MJ, Journal of Pain Research 2010; 3:223-33

“Analgesic Efficacy and Safety of Diclofenac Epolamine Topical Patch (Flector Patch) by Location of Injury in Trials of Acute Pain: A pooled Analysis of Five Trials.” Lionberger, DR, Lanzarotti, A., Pierchala, L., Zhao, W., Yanchick, J. The Journal of Applied Research 2010; 10 (3)

“Minimizing Electromagnetic Interference from Surgical Instruments on Electromagnetic Surgical Navigation.” Stevens, F., Conditt, MA, Kulkarni, N., Ismaily, SK, Noble, P., Lionberger DR. Clinical Orthopedics and Related Research 2010; 468 (8): 2244

“Elimination of Interference from Common Surgical Instruments during Electromagnetic Surgical Navigation,” Lionberger DR, Stevens F, Conditt, MA, Kulkarni, N, Ismaily, SK, Noble PC, Baylor College of Medicine: Institute of Orthopedic Research and Education, Houston, TX. *COOR*.

“How Does Electromagnetic Navigation Stack Up Against Infrared Navigation in Minimally-Invasive Total Knee Replacement?” Lionberger DR, Weise J, Ho DM, Haddad JL. *J Arthroplasty*. 2008; 23(4):573-80.

“Is Electromagnetic Navigation in Total Knee Replacement Reliable? A comparison of Accuracy.” Lionberger DR, Noble PC. *CORR*.

“Celecoxib does not affect osteointegration of cementless total hip stems.” Lionberger DR, Noble PC. The Journal of Arthroplasty 2005; 20(7):115-22.

“Outcome Assessment in Total Knee Replacements,” Noble PC, Lionberger DR, Weiss JM. Association of Hip and Knee Surgeons, 2002.

“A knowledge-based computer-aided design and manufacturing system for total hip replacement.” Reuben JD, Chang CH, Akin JE, Lionberger DR. Clin Orthop Relat Res. 1992; 285:48-56.

"Newer Isotope Shows Promise in Radiation Synovectomy," Lionberger DR, Clinical Perspectives 1993; 5 (1): 7

“Treatment of rheumatoid synovitis of the knee with intraarticular injection of dysprosium 165-ferric hydroxide macroaggregates.” Sledge CB, Zuckerman JD, Zalutsky MR, Atcher RW, Shortkroff S, Lionberger DR, Rose HA, Hurson BJ, Lankenner PA Jr, Anderson RJ, Bloomer WA. Arthritis Rheum 1986; 29(2):153-9.

“Effects of prosthetic acetabular replacement on strains in the pelvis.” Lionberger DR, Walker PS, Granholm J. J Orthop Res. 1985; 3(3):372-9.

"Prosthetic Acetabular Strains on the Pelvis," Poster Session AAOC, 1984, Lionberger DR, Walker PS.

“Failed total knee Arthroplasty: Revision and arthrodesis for infection and noninfectious complications.” Woods GW, Lionberger DR, Tullos HS. Clin Orthop Relat Res. 1983 173:184-90.

“Bilateral fracture of the transverse process of the atlas.” Clyburn TA, Lionberger DR, Tullos HS. J Bone Joint Surg Am. 1982; 64(6):948.

“The modified Blair fusion.” Lionberger DR, Bishop JO, Tullos HS. Foot Ankle 1982; 3(1):60-2

PENDING PUBLICATIONS

“Haemostasis Enhancement with Bipolar and Monopolar Electrocautery: A Comparative In Vivo Study.” Eggers MD, Lionberger DR, submitted to CORR, Minor revisions requested

“Balancing the Flexion and Extension Gap: No Longer Adequate when Aiming for Ideal Postoperative Performance in MIS-TKR”, Lionberger DR, Manuscript in Progress.

“Computer-Assisted Navigations in Total Knee Replacement: Cost Convenience and Capabilities,” Lionberger DR, Noble PC, Thompson M, Ding B, Manuscript in process.

“Evaluation of the ERMI Flexonator compared to Traditional Dynamic Flexion Device” Lionberger DR, Talati, Submitted to JoVE.

BOOK CHAPTERS

“Chapter 118: Electromagnetic Computer- Assisted Navigation. Lionberger DR. Insall and Scott. Surgery of the Knee 5th edition. Elsevier Publishing 2012

“Chapter 123: Computer-Assisted Navigation: Minimally Invasive Surgery for Total Knee Replacement. Lionberger DR. Insall and Scott. Surgery of the Knee 5th edition. Elsevier Publishing 2012

Insall and Scott. Surgery of the Knee 4th edition. Churchill Livingstone Elsevier Publishing 2007.
Chapter 98

“Chapter 9: The Attraction of EM in CAS-TKR.” Navigation and MIS in Orthopedic Surgery. Lionberger DR, Stiehl, Konermann, Oecher. Springer Medizin Verlag Publishing, 2007.

PRESENTATIONS

2014 SICOT, Rio de Janeiro Brazil *Nickel Allergy Rejection in Total Knee Replacements *
Use of Navigation in Revision TKR.

2013 Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (CAOS 2014), Milan, Italy

- Using Computer Assisted Surgery in Revision Total Knee Replacement

2013 SICOT, *Société Internationale de Chirurgie Orthopédique et de Traumatologie*
Hyderabad, India

- Where Does all the Time Go In Computer Assisted Surgery- Total Knee Replacement?
- Accuracy of Computer Assisted Surgery in Revision Total Knee replacement Surgery
- Ni allergy in Total Knee Replacement (Rio de Janeiro) diagnosis & treatment
- The infected Total Joint ; can we do better

2012 Expertise in Orthopedic Navigation, Vienna, Austria

- Can Preoperative Templates Replace Intraoperative CAS Measurements?

2012 The 12th Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery (CAOS 2012), Seoul, South Korea

- Can Preoperative Templates Replace Intraoperative CAS Measurements?
- Joint Line Adjustment for Flexion Contractures Using CAS

2011 The 21st Annual Meeting of AAHKS, Dallas, TX, November 4-6: Podium Presentation.

- Custom Cutting Jigs Improve OR Efficiency, But Not Accuracy”. David R. Lionberger, MD, Catherine Crocker, MPH, Vincent Chen, PhD

2010 Aesculap Knee Expert Training Navigation in Vienna/Austria

- “Navigated Procedure with TKA 4.3: Acquisition of data.” And “Revision Surgery”

2010 Aesculap Orthopilot Training in Hamburg/Germany

- “Streamlined Navigation in TKA- the time saving solution”

2010 Aesculap Knee Expert Training in Berlin/Germany

- “Reasons for a Total Knee Arthroplasty Revision and it’s diagnosis”
- “How can navigation support TKA revision?”

2009 Total Joint Replacement Conference, Houston, TX

- Allergic Rejection in Total Knee Replacement: Fact or Fiction

2007 CAOS Asia Pacific Orthopedic Society Annual Meeting, Seoul, Korea

- How Does EM Navigation Stack up against IR Accuracy: A bench study comparison, March 30, 2007
- What Have We Learned after 300 Quad Sparring TKR Using EM CAS?, Special Lecture, Monday 30, 2007
- Session III – CAOS in TKA - Moderator, Monday 30, 2007
- Surgical Technique and Skills Demonstration: Live Surgery with Ye Yeon, M.D., Ajou University, Sawon, South Korea, March 2007.

2007 AAOS Annual Meeting, San Diego, CA

- What Have We Learned After 300 Electromagnetic Guided MIS TKR?, Podium presentation #497
- Interference from Common Surgical Instruments Using Electromagnetic Surgical Navigation, Poster #248

2006 Western Orthopedic Association Annual Meeting, Santa Fe, New Mexico, October 11-15

- Is There Any Attraction to Electromagnetic Navigation in MIS-TKR? A Report of the First 40 Cases at The Methodist Hospital, podium Presentation, October 13, 2006

2006 AAOS/ORS Annual Meeting, Chicago, IL

- EM-CAS is as Accurate as IR: a validation bench study, Podium Presentation, March 21, 2006
- EM-CAS versus IR-CAS for TKR: A comparison of accuracy, Podium Presentation, March 22, 2006
- Elimination of Common Metallurgical Interference in the OR Environment after using EM-CAS, Poster 612
- Is There Any Attraction to EM Navigation in MIS-TKR?, Poster 183
-

2006 Pfizer Lectures, National Speaker Bureau, Current Concepts in COX-2 Use and Benefits

- Amarillo Sports Medicine Clinic, Amarillo, Texas
- Center of Orthopedic Surgery, Lubbock, Texas
- Lubbock Sports Medicine Clinic, Lubbock, Texas
- Northwest Texas Hospital, Amarillo, Texas

2006 Asia Pacific Orthopedic Society Meeting, Sidney, Australia, January 8 – 11

- EM-CAS in MIS-TKR
- Accuracy of EM-CAS in MIS-TKR: a clinical study of 46 patients
- Unedited TKR using EM-CAS in an MIS application
- Knee Nuances, Navigation in MIS-TKR, Grand Rounds, UT Department of Orthopedic Surgery, Lubbock, Texas, February 2006

2005 Singapore International Orthopedic Meeting

- Electromagnetic Navigation in Total Knee Replacement
- Total Knee Replacement Using EM-CAS in MIS: Meet the Experts Demonstration
-

2005 Pfizer Lectures, National Speaker Bureau, Current Concepts in COX-2 Use and Benefits

- Advanced Orthopedic Associates, Wichita, Kansas
- ANG Surgery Center, Nashville, Tennessee
- Bay Regional Medical Center- Grand Rounds, Bay City, Michigan
- Boswell Hospital, Phoenix, Arizona
- Clarkston Medical Group, Clarkson, Michigan
- Columbia Hospital – Grand Rounds, Milwaukee, Wisconsin
- Conway Orthopedic and Sports Medicine Clinic, Conway, Arkansas
- Cookeville Orthopedic Clinic, Cookeville, Tennessee
- Decatur Orthopedic Clinic, Decatur, Alabama
- Lapeer Regional Hospital, Lapeer, Michigan
- Little Rock Internal medicine Clinic, Little Rock, Arkansas
- Pontiac Osteopathic Hospital, Pontiac, Michigan
- Rockford Orthopedic Associates, Rockford, Illinois
- Southwest Ankle and Foot Center, Tucson, Arizona
- St. Joseph Hospital – Grand Rounds, Houston, Texas
- St. Mary's Hospital, Milwaukee, Wisconsin
- TOI Northwest, Tucson, Arizona
- Tri State Orthopedics, Evansville, Indiana
- Tri State Orthopedics, Newburg, Tennessee
- Tucson Orthopedic Institute, Tucson, Arizona
- Vernon County Medical Center, Viroqua, Wisconsin

2005 The Effect of Vertical Cup Replacement on Dislocation after Total Knee Replacement, Noble PC, Paravic, Ismaily S, Lionberger DR, AAOS, Dallas, Texas

2005 Cardiovascular Profile in Celecoxib and Other Non-Steroidals, Arizona/New Mexico, October 25, 2005

2005 Celebrex and Controlling Post-operative Pain, Arizona/New Mexico, October 25, 2005

2005 Pre-emptive Pain Control Using Celecoxib in Orthopedic Surgery, Nashville, TN, August 30, 2005

2005 New Perspectives in COX-2 Inhibition: Cardiovascular Profile and Pain Implications, Nashville, TN, August 30, 2005

2005 How Does COX-2 Inhibition Help in Reducing Pain in the Orthopedic Setting, Wisconsin, August 17, 2005

2005 COX-2 Use in Pre-emptive Pain Management in Total Knee Replacements, Wichita, KS, July 21, 2005

2004 Minimally-invasive Total Knee Replacement Surgery, Center for Performing Arts, Houston, Texas, August 2004

2004 Lecture on OR Techniques in Total Knee Replacement using Electromagnetic Computer Assisted Surgery, Singapore, April 16, 2004

- Live Surgery EM-CAS MIS-TKR
- EM advantages in TKR

2004 MIS Quad-Sparing TKA Workshop, Singapore General Hospital, April 14, 2004

2004 Introduction to EM-CAS in TKR, April 14, 2004

2004 Televised TV interview on Knee Arthritis Diagnosis and Treatment, March 2004

2004 Pfizer Lectures, National Speaker Bureau, Current Concepts in COX-2 Use and Benefits

- Baton Rouge Orthopedic Clinic, Baton Rouge, Louisiana
- Carondelet Orthopedics, Kansas City, Missouri
- Cox Health, Springfield, Missouri
- Fullerton Orthopedic, Fullerton, California
- Health Plus of Michigan, Flint, Michigan
- Hurley Hospital – Grand Rounds, Flint, Michigan
- Kansas University Medical Center – Grand Rounds, Kansas City, Kansas
- McLaren Orthopedic, Flint, Michigan
- Orthopedic Specialty Institute, Orange, California
- St. John's Hospital, St. Louis, Missouri
- St. Mary Mercy Hospital, Detroit, Michigan
- Tesson Heights Orthopedics, St. Louis, Missouri
- Texas Academy of Family Physicians, Lufkin and Nacogdoches, Texas
- Texas Orthopedic Association, Austin, Texas
- Torrey Pines Orthopedic, San Diego, California

2003 MIS Quad Sparing Total Knee Arthroplasty Training at The Zimmer Institute, Warsaw, Indiana, November 14-15, 2003

2003 South Texas Speaker on the Development of COX-2 in Orthopedic Surgery Practice, Austin, Texas, October 2003

2003 National Association of Orthopedic of Gulf Coast Nurses Chapter Talk, September 2003

2003 Nuances of Navigation in “Total Knee Replacement,” Baylor Orthopedic Grand Rounds, August 13, 2003

2003 Pfizer Lectures, National Speaker Bureau, Current Concepts in COX-2 Use and Benefits

- Bay Regional Medical Center – Grand Rounds, Detroit, Michigan
- Beaumont Hospital, Beaumont, Texas
- Blue Grass Orthopedics, Lexington, Kentucky
- Central Indiana Orthopedic Associates, Indianapolis, Indiana
- Methodist Hospital, Indianapolis, Indiana
- Michigan Orthopedic Center, Ann Arbor, Michigan
- Mid Michigan Regional Hospital – Grand Rounds, Midland, Michigan
- Mid State Orthopedics, Alexandria, Louisiana
- Mid State Orthopedics, Albuquerque, New Mexico
- OSMS, Alexandria, Louisiana
- Rheumatology Associates, Indianapolis, Indiana
- Texas Tech Medical Center, Lubbock, Texas
- University of Kentucky Orthopedic Department, Lexington, Kentucky
- University of Michigan – Ann Arbor, Ann Arbor, Michigan
- University of New Mexico Medical School – Grand Rounds, Albuquerque, New Mexico

2002: AAOS, New Orleans, February 16, 2002

- “Which Functional Activities are Important to Patients after Total Knee Replacement?” PC Noble, PhD; S Roberts, BS; MA Conditt, PhD; and DR Lionberger, MD,

2002: AAOS, New Orleans, February 16, 2002

- “Effects of Notchplasty Size on Tibiofemoral Contact Area,” MA Conditt, PhD; SK Ismaily, BS; MJ Merves, MS; JW Alexander, BS; R Bartz, MD; DR Lionberger, MD,

2002 Pfizer Lectures, National Speaker Bureau, Current Concepts in COX-2 Use and Benefits

- Blue Grass Orthopedics, Lexington, Kentucky
- Bronson Methodist Hospital – Grand Rounds, Lansing, Michigan
- Chelsea Orthopedics, Chelsea, Michigan
- Children’s Hospital of Austin, Austin, Texas
- Ft. Wayne Orthopedics, Ft. Wayne, Indiana
- Good Samaritan Hospital – Grand Rounds, Cincinnati, Ohio
- Grand Rapids Hospital – Grand Rounds, Grand Rapids, Michigan
- Indiana Orthopedics, Indianapolis, Indiana
- Ingham Hospital – Grand Rounds, Lansing, Michigan
- ONE Orthopedic Hospital, Ft. Wayne, Indiana, 2002
- Orthopedics Indianapolis, Indianapolis, Indiana
- OSASA, San Antonio, Texas
- University of Kentucky Orthopedic Department, Lexington, Kentucky
- University of Michigan – Ann Arbor, Ann Arbor, Michigan

2001 “Arthritis Artifacts & Afflictions,” January 31, 2001

1999 "Evolution of Arthritis Therapy: Cox 2 Inhibition" Sheraton Astrodome, March 6, 1999

1999 "Celebrex Overview," Redwood Grill, August 12, 1999

1994 "Orthopedic Treatment of Common Knee Disorders," The Wyndham Warwick, October 15, 1994

1993 "Current Concepts in Surgical Treatment of Arthritis of the Lower Extremity," February 23, 1993.

1993 "Current Concepts in Surgical Treatment of Arthritis of the Lower Extremity," February 23, 1993.

1992 Arthroscopic Surgery Conference, Cuernavaca, Mexico, October 7 - 10, 1992

- "Arthroscopic Surgery in the 3rd Millennium"

1992 "Arthroplasty - Using the Natural Knee," Erfurt, East Germany, October 31, 1992.

1992 Educational Teaching Tour of the West German Region of the Commonwealth of Germany, October 26 - November 5, 1992.

1992 "Diagnosis and Treatment of Problems of the Shoulder," GAB Injury and Rehab Management Division, Houston, Texas, November 19, 1992.

1992 "Radiation Synovectomy," Western Orthopedic Conference, Monterrey, California, October, 1992.

1991 "Total Knee Prosthesis," Advance Medical Training Seminar, Methodist Hospital, March 1991.

1989 "Arthritis and Sports Medicine," 3 talks, Admirol Bristol Hospital Lecture Series - Turkey, 1989.

1989 "Treatment of Arthritis of the Joint," Symposium -Clinical Issues for Practicing Orthopedists, July, 1989.

1988 Joe King Lectureship, Case Presentation and Panel Discussion on Arthritis of the Knee, 1988.

1988 "Radiation Synovectomy, an Update and Experience with Dysprosium 165," Texas Association of Physicians in Nuclear Medicine, 1988.

1988 Resection Arthroplasty of the Hip, Resident Lecture Series, 1988.

1987 "New Frontiers," St. John's School, February, 1987.

1986 "Total Knee and Total Hip Replacement Concepts," National Medical Congress, San Jose, Costa Rica, December, 1986

1986 "Diagnosis and Treatment of Injuries of the Lower Extremity, Texas Children's Emergency Room Lecture, 1986.

1986 Radiation Synovectomy Using Dysprosium, St. Luke's Rheumatology Conference, 1986.

1986 Diagnosis and Treatment of Low Back Pain, San Jose, Costa Rica, 1986.

1985 "Surgical Treatment of Arthritis," Baylor College of Medicine, 1985.

1985 "Surgical Treatment of Arthritis," Resident's Teaching Conference, 1985.

1982 Acetabular Strain Patterns," Grand Rounds for the Massachusetts General Brigham and Women's Orthopedic Section, 1982.

1982 "Modified Blair Fusion," AAOS Foot Society, 1982.

1982 "Radiation Synovectomy," Annual New England Rheumatology Lectureship, Denham, Massachusetts, 1982.

1981 "Chronic Infections in Total Hips and Knees," Central Orthopedic Society Meeting, 1981.

1968 "Treatise on Appendicitis," Junior Scientific Meeting, St. Louis, Missouri, 1968.

INVENTIONS AND PATENTS PENDING

Cutting Guide Apparatus and Surgical Method for use in Knee Arthroplasty; SN 10/465,515
Patent#: 7,104,997 September 12, 2006.

Simplified Surgical Preparation Jig for Total Knee Replacement: Femoral Blitz Block and Tibial Speed Block. Provides shorter operative time with improved precision.

Pelvic Stabilization Waypoint Clamp. Establishes alternate waypoint.