

Frank M. Ivey, Jr., MD

EDUCATION:

University

Rice University
Houston, Texas
Dates: 1963 - 1967
Degree: B.A. - June 1967

University of Texas Medical Branch
Galveston, Texas
Dates: 1967 - 1971
Degree: Doctor of Medicine

Postgraduate Training

Surgery Internship
Maricopa County Hospital
Phoenix, Arizona
Dates: 1971 - 1972

Resident in Orthopaedic Surgery
University of Texas Medical Branch
Galveston, Texas 77555
Dates: 1974 - 1978

Fellowship in Sports Medicine and
Reconstruction of the Knee
Under the sponsorship of:
Martin E. Blazina, M.D.
Orthopaedic Surgeon
Sherman Oaks, California
Dates: 1978 - 1979

MILITARY SERVICE:

Navy, Lieutenant, Active Duty
Squadron Medical Officer - COMCOSRON THREE - Guam
Dates: July 1972 - June 1974

PROFESSIONAL AND TEACHING EXPERIENCE:

Professor of Surgery

Division of Orthopaedic Surgery
University of Texas Health Science Center at Houston
Medical School
Houston, Texas
Dates: September, 2010 - Present

Professor of Surgery
Division of Orthopaedic Surgery
University of Texas Medical Branch
Galveston, Texas
Dates: September 1992 - 2010

Associate Professor of Surgery
Division of Orthopaedic Surgery
University of Texas Medical Branch
Galveston, Texas
Dates: September 1985 - August, 1992

Assistant Professor of Surgery
Division of Orthopaedic Surgery
University of Texas Medical Branch
Galveston, Texas
Dates: July 1979 - August 1985

Hospital Affiliations:
Attending Staff, The University of Texas Medical Branch
Galveston, Texas
Dates: 1979 - present
Courtesy Staff, St. Mary's Hospital
Galveston, Texas
Dates: 1981 - 1995

RESEARCH ACTIVITIES:

1. Normal knee arthroscopy
2. Diagnostic accuracy of meniscal tears -- a comparison of MRI and arthroscopy
3. Complications after knee arthroscopy
4. Transarticular pin fixation of the knee after ligament repair
5. Staple capsulorrhaphy of the shoulder for recurrent anterior dislocation

6. Topography of the lateral tibial plateau
7. Fixation strength of implants for soft tissue repair to bone
8. Treatment options for infected knee arthroscopy
9. Clinical Investigator for F.D.A. - Press fit (cementless) Implantation of Richards Tricon-M Total Knee
10. The effect of extremity rotation on mechanical alignment of the lower extremity
11. Arthrodesis of the knee
12. Anatomic variations of the pes anserinus--cadaver study
13. Contact pressures and surface area contact between cruciate sacrificing posterior stabilized condylar knee arthroplasties
14. Survival studies of radiochromium labeled red cells obtained during autotransfusion--Study of Cr-Red cell survival of blood cells obtained in corrective knee surgery during Intraoperative Autologous Transfusion (IAT)
15. Kinematic and kinetic analysis of total knee arthroplasty under dynamic conditions
16. Intermedics Natural knee II system study
17. A single blind, randomised, parallel-group, multicentre study to assess the safety and efficacy of hemaseel HMN as an adjunct to haemostasis in total knee replacement surgery
18. Double-blind, placebo-controlled, parallel-group, dose ranging comparison of the efficacy, opioid dose sparing effects and safety of controlled release oxymorphone (numorphan® CR) and placebo in patients with postsurgical pain following total knee arthroplasty
19. A single-blind randomized, parallel-group, multinational, multicenter study to assess the safety and efficacy of hemaseel HMNTM as an adjunct to hemostasis in total knee replacement surgery

20. Continuous infusion of a local anesthetic for pain relief following knee arthroplasty
21. Ischemic preconditioning in skeletal muscle
22. Nutritional interventions to enhance muscle rehabilitation following knee surgery
23. Outcomes assessment of total knee arthroplasty patients treated for symptoms arthroscopically

COMMITTEE RESPONSIBILITIES:

A. STATE:

Vice President, Texas Society of Sports Medicine
Dates: 1982 - 1983

Program Chairman, Texas Medical Association on Sports
Medicine
Dates: 1982 - 1983

President, Texas Society of Sports Medicine
Dates: 1983 - 1984

Advisory Member, Texas Medical Association Committee on Sports
Medicine
Dates: 1981 - present

Director and Program Chairman of the Continuing Medical
Education course on "Innovations in Sports Medicine"
Dates: 1983 - present

Member of the Advisory Board of the Head Injury Foundation -
The Galveston Chapter.
Dates: 1984

B. UTMB:

Member of Medical Audit Committee, UTMB
Dates: 1979 - 1985

Chairman - OT/PT Committee - UTMB
Dates: 1983 - 2000

Co-Director, Adult Special Care Unit, UTMB
Dates: 1983 - 1987

Director, Adult Special Care Unit, UTMB
Dates: 1987 - 1991

Member of the Operating Room Efficiency Committee - UTMB
Dates: 1984 – 1999

Member of the Committee of Scientific Misconduct
Dates: 1992 - 1999

Member of the Professional Advisory Committee
Dates: 1995 - 1999

Home Health Professional Advisory Committee
Dates: 1997 – 1999

Sports Medicine Injury Consultation Clinic
Dates: 1997 – present

RSH Operations Advisory Committee
Dates: 2006 - present

TEACHING RESPONSIBILITIES AT UTMB:

First-Year Medical Students

Introduction to Patient Evaluation (IPE) Instructor

Third Year Medical Students

Orthopaedic Surgery Lectures
Ward and Clinic Supervision

Core Curriculum Lectures for General Surgery

Fourth-Year Medical Students

Clinical and Ward supervision for students assigned to Orthopaedic elective rotation.
Academic Advisor

School of Allied Health

Lectures for Physical Therapy Students
Lectures for Occupational Therapy Students

Orthopaedic Residency Training Program

Lectures for Post-Graduate Year III Residents
Supervision of Ortho A Service
Supervision of Sports Medicine Service

Continuing Education

Program Chairman of yearly conference and update of Innovations
in Sports Medicine - 2008 was the 25th year

MEMBERSHIP IN SCIENTIFIC SOCIETIES:

Alpha Omega Alpha
American Academy of Orthopaedic Surgeons
American College of Sports Medicine
American Medical Association
American Orthopaedic Society of Sports Medicine
Galveston County Medical Society
Houston Orthopaedic Society
International College of Surgeons
International Society of Arthroscopy, Knee Surgery and Orthopaedic
Sports Medicine
Mu Delta
Singleton Surgical Society
Southern Medical Association
Texas Medical Association
Texas Orthopaedic Association
Texas Society of Sports Medicine

EDITORIAL BOARDS:

Reviewer - The Journal of Orthopaedic & Sports Physical Therapy
Clinical Orthopaedics and Related Research

BOARD CERTIFICATION:

Diplomate of the American Board of Orthopaedic Surgery

September 5, 1980

LICENSURE INFORMATION:

Licenses: Texas	August 1971 #D-8286
California	June 1978 #C-37855

ADDITIONAL INFORMATION:

1. Exhibit titled "Normal Values for Isokinetic Testing of Shoulder Strength: at the American College of Sports Medicine. San Diego, California. May 1984.
2. Exhibit titled "Normal Values for Isokinetic Testing of Shoulder Strength" at the First Open Meeting of the American Shoulder and Elbow Surgeons. Las Vegas, Nevada. January 23, 1985.
3. Exhibit titled "Arthroscopic Debridement of the Knee for Adult Septic Arthritis" at the 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, Nevada. January 24-29, 1985.

VIDEO PRESENTATIONS:

1. Evaluation and Management of Common Knee Problems
2. Evaluation and Management of Shoulder Injuries

SPONSORSHIPS:

Sponsorship of Jeffrey Cantrell, a first year medical student, in the two-month NIH short term training in professional schools program. A paper resulting from the research titled "Lateral Tibial Plateau Fracture as a Post-operative Complication of High Tibial Osteotomy" published in the journal Orthopaedics, August, 1985. An award was presented to Mr. Cantrell for his study by the NIH program. Mr. Cantrell also presented the results of the study at the 1985 meeting of the National Student Research Forum.

Sponsorship of Donny Eckhardt, a first year medical student, in the two-month NIH short term training in professional schools program. A paper and poster exhibit resulted from the research titled "The Influence of Lower Extremity Rotation on the Radiographic Measurement of Anatomic Axis".

PRECEPTORSHIP MENTORSHIP:**Orthopaedic and Rehabilitation Residents**

1. Greg Peare, M.D.; 1992-1993, Knee Muscle Mechanics (with F.M. Ivey, M.D.)

2. Doane Nguyen, M.D.; 1996-1997, Muscle Balance at the Knee (with F.M. Ivey, M.D)
3. Chad Connor, 2006-2007, Comparison of Equal Stress to Equal Tensioning of ACL Four – Stranded Hamstring Grafts and Comparison of Graft Size (with F. Marty M.D.)

Medical Student Summer Research Program

Hassan Bahrani, Experimental Verification of ACL Tendon Load, Best Patient Care Poster, 2002 (F.M. Ivey, M.D., Clinical Mentor).

Zachary Stinson, Muscle Balance at the Knee after Total Knee Arthroplasty, Winner: Best Patient Care Poster, 2004 (F.M. Ivey, M.D., Clinical Mentor).

Cameron @. Schick, Image Analysis Software and the Knee, December 2007 (F.M. Ivey, M.D., Clinical Mentor).

Master of Science Graduate Engineers:

Dan Malone, Muscle Balance at the Knee-Moment Arms of Muscles at the Knee, T.A.M.U.; January-December 1995 (F.M. Ivey, M.D., Clinical Mentor).

Anthony A. Stewart, Knee Mechanics-Moment Arms in Internal/External Rotation, January 1996 – July 1997 (F.M. Ivey, M.D., Clinical Mentor).

James M. Fay, Knee Muscle Mechanics – Analysis of the Effects of Total Knee Arthroplasty Upon Muscle Balance at the Knee, June 1997 – June 1998 (F.M. Ivey, M.D., Clinical Mentor).

Takayuki Nakamura, Muscle Mechanics at the Knee/simulation of Knee Mechanics, The University of Texas, Austin 1998. He completed the PhD in Rehabilitation Science at UTMB in 2004 (F.M. Ivey, M.D., Clinical Mentor).

Undergraduate Summer Fellowships:

Allison Etheridge, Correlation of Anatomical Dimensions With Derived Moment Arms at the Knee, UTMB Undergraduate Fellowship Program, Louisiana Tech Univ.; 1995 (F.M. Ivey, M.D., Clinical Mentor).

Benjamin W. Kieke, Motion Analysis of the Knee Project, Analysis of M.R.I. Reconstructions of the Wrist, Texas A&M University, 1997 (F.M. Ivey, M.D., Clinical Mentor).

Sergio J. Campos, Motion Analysis of the Knee Project, Tracking Methods and Comparison With Potentiometer Measurement, Harvard University, 1997

Alicia Lacy, Simulation of the Lower Extremity, Loyola U.; New Orleans, LA, 1998 (F.M. Ivey, M.D., Clinical Mentor).

Heather Heideman, Generation and Evaluation of Simulation Produced Muscle Moment Arms and Comparison with Available Experimental Data TAMU Senior, Bioengineering, Summer 2001 (F.M. Ivey, M.D., Clinical Mentor).

Molly Videtto, Comparison of Knee flexion determined from Video Motion Analysis and Potentiometric Measurement: Effects upon Moment Arms, TAMU Bioengineering Senior, Summer 2002 (F.M. Ivey, M.D., Clinical Mentor).

Texas High School Fellowships:

Craig Wen, Musculoskeletal Models for the Lower Extremity, Clear Creek HS, 1999 (F.M. Ivey, MD, Clinical Mentor).

Janet Lu, Kinematic Analysis of the Normal, ACL-Minus, and Prosthetic Knee, 2000 (F.M. Ivey, M.D, Clinical Mentor).

RESEARCH GRANTS AND CONTRACTS:

1. Muscle Balance at the Knee, WL Buford, PhD, PI; FM Ivey, Jr., MD, Co-PI, Zimmer-Jones, Incorporated, Grant, 15 November 1993-15 November 1994, \$16,000.
2. Knee Muscle Moment Arms, WL Buford, PhD, PI; FM Ivey, Jr., MD, Co-PI, Biomet-Omni, Incorporated, Support Gift, August, 1994, \$4,000.
3. Muscle Mechanics at the Knee, WL Buford, PhD, PI; FM Ivey, Jr., MD, Co-PI, Intermedics Orthopaedics, Inc, \$111,464, 01 January 1995-31 December 1996.
4. Determination of Muscle Moment Arms at the Knee, WL Buford, PhD, PI; FM Ivey, Jr., MD, Co-PI, Intermedics Orthopaedics, Inc, \$200,202, 01 January 1997-31 December 1999.
5. Motion Analysis of the Knee, WL Buford, PhD, PI; FM Ivey, Jr. MD & RM Patterson, PhD, Co-PIs. DePuy, Inc, \$204,879, including equipment valued @ \$136,000, 01 September 1996-31 August 1999, extended indefinitely.
6. Integration of Computer Aided Design and Manufacturing With Computer Simulation of the Human Body, \$210,601, WL Buford, PhD, PI; RM Patterson, PhD, C-I; FM Ivey, Jr. MD co-I; SF Viegas, MD, co-I, Advanced Technology Program, State of Texas, 01 January 2000 through 31 December 2001.
7. Prospective Randomized Multicentered Study of NexGen LPS-Flex Knee, FM Ivey, PI. Zimmer, \$30,000, 26 November 2002 through 26 November 2004.
8. Experimentation and Modeling for Computer Simulation of the Musculoskeletal System, \$311,789, Centerpulse Orthopaedics, Inc. Austin, TX. WL Buford, PhD, PI; FM Ivey, Jr. MD, and RM Patterson, PhD, Sulzer Orthopaedics, Inc 01 September 1999 through 31 August 2003.

9. Moment Arms of Normal and Prosthetic Knees using the 3D Knee™ and Foundation® Total Knee Systems, Project no. 56898, \$168,597.74, FM Ivey, co-PI and RM Patterson, co-I, Encore Medical, Austin, TX, 1 January 2004 through 31 December 2005. (Cancelled by Encore, actual funding received was \$67,000).
10. Musculoskeletal Simulations, Interactive Surgical Planning and Computer Aided Prosthesis Design, Project No. 58648, \$796,000, WL Buford, PhD, PI and FM Ivey co-PI and RM Patterson co-I, \$776,420, Smith Nephew Inc., 01 February 2005 through 31 December 2009.

MEETINGS ATTENDED AND PRESENTATIONS IN 1979:

Presented a paper titled "Arthroscopy of the Knee Under General Anesthesia - An aid to the Determination of Ligamentous Instability." at the annual meeting of the American Orthopaedic Society for Sports Medicine.
Innisbrook, Florida. July 9-12, 1979.

Attended dinner meeting of the Houston Orthopaedic Society with a presentation by Dr. H. J. Mankin and attended the 1st Annual Lectureship sponsored by the Orthopaedic Pathology Laboratory of St. Luke's Episcopal Hospital.
Houston, Texas. August 17-18, 1979.

Attended a dinner of the Houston Orthopaedic Society with a presentation by William Enneking, M D. titled "Resection, Arthrodesis of the Knee".
Houston, Texas. September 14, 1979.

Attended the Hoffman External Fixation Workshop.
New Orleans, Louisiana. September 29, 1979.

Attended the International Seminar on Operative Arthroscopy.
Kauai, Hawaii. November 24 - December 1, 1979.

MEETINGS ATTENDED AND PRESENTATIONS IN 1980:

Presented a paper titled "Diagnosis and Management of Acute Knee Injuries" at the Family Practice Review 1980 presented by the Office of Continuing Medical Education and the Department of Family Medicine, UTMB.
Galveston, Texas. February 4, 1980.

Presented a paper titled "Intra-Articular Substitution of the Anterior Cruciate Ligament" at the American Orthopaedic Society for Sports Medicine and attended the American Academy of Orthopedic Surgeons Annual Meeting.
Atlanta, Georgia. February 5-10, 1980.

Presented an Abstract titled "Intra-Articular Substitution for Anterior Cruciate Insufficiency: A Clinical Comparison Between Patellar Tendon and Meniscus" at the 1980 Annual Session of Texas Medical Association. Houston, Texas. May 15, 1980.

Attended the Eighth Pediatric Orthopedic International Seminar. San Francisco, California. May 23 - June 1, 1980.

Presented an Abstract titled "Intra-Articular Substitution for Anterior Cruciate Insufficiency: A Clinical Comparison Between Patellar Tendon and Meniscus" at the 1980 Annual Meeting of the American College of Sports Medicine. Las Vegas, Nevada. May 30, 1980.

Gave Presentation titled "The Athlete's Salvation: Successful Management of ACL Instability" at the Occupational Therapy and Physical Therapy Grand Rounds, UTMB. Galveston, Texas. July 16, 1980.

Attended the Cook County Graduate School of Medicine, Specialty Review in Orthopaedics and to take the Certifying Examination for the American Board of Orthopaedic Surgery. Chicago, Illinois. August 24 - September 6, 1980.

MEETINGS ATTENDED AND PRESENTATIONS IN 1981:

Attended Dinner Meeting of the Houston Orthopaedic Society with a presentation by Chitranjan Ranawat, M. D. titled "Mechanical Loosening of Total Knee Arthroplasty Its Causes and Prevention". Houston, Texas. January 16, 1981.

Attended the 48th Annual Meeting American Academy of Orthopaedic Surgeons and the American Society for Sports Medicine. Las Vegas, Nevada. February 24 - March 3, 1981.

Attended the Second Congress of the International Society of the Knee. New Orleans, Louisiana. April 6-10, 1981.

Gave Presentation titled "Intra-Articular Substitution for Anterior Cruciate Ligament Insufficiency Utilizing the Meniscus" at the American College of Surgeons, Scientific Exhibition, Clinical Congress. San Francisco, California. October 11-16, 1981.

Attended Meeting "Resources for Basic Sciences Educators IV", presented by the American Academy of Orthopaedic Surgeons. San Diego, California. November 2-6, 1981.

MEETINGS ATTENDED AND PRESENTATIONS IN 1982 - 1983:

Attended the Arcadian Orthopaedic Society Meeting and presented a paper titled "The Diagnosis and Management of the Anterior Cruciate Deficient Knee".
Lafayette, Louisiana April 20, 1982.

Attended a meeting titled "Innovations in Sports Medicine" as Program Chairman and participant. Sponsored by The University of Texas Medical Branch's Continuing Education Program. The following papers were presented: "The Physician's Bag: Trainers' Field Supplies", "Historical Perspectives of Women's Participation in Sports", and "An Approach to the Diagnosis of Knee Injuries"
Galveston, Texas. June 25-26, 1982.

Attended an Emergency Medicine Meeting and presented a paper titled "Athletic Injuries - 1) Shoulder Injuries, 2) Ankle Sprains".
Galveston. Texas. December 2, 1982.

Attended the 10th Annual Symposium on Sports Medicine and presented papers titled "The Pre-Season Physical Examination" and "Physiological Similarities and Differences Between Male and Female Athletes".
San Antonio, Texas. January 28, 1983.

Attended the 32nd Annual Program for Lifelong Learning in Pediatrics on Recent Advances in Child Health Care and presented a paper titled "Common Sports Injuries". Sponsored by the University of Texas Medical Branch's Continuing Education Program and the Pediatric Alumni Foundation.
Galveston, Texas. April 21-23, 1983.

Attended a meeting sponsored by American Prosthetics, Inc. and presented a paper titled "Orthotic Management in Knee and Ankle Injuries"
San Antonio, Texas. May 27, 1983.

MEETINGS ATTENDED AND PRESENTATIONS IN 1984:

Presented two papers entitled "Sports Medicine: The Team Approach" and "Physiologic Profile of the Female Athlete" at the Eleventh Annual Sports Medicine Symposium.
San Antonio. Texas. January 26-28. 1984.

Attended the Texas Medical Association Committee on Sports Medicine.
Austin, Texas. February 3, 1984.

Presented a paper titled "Management of Common Sports Injuries" at the Family Practice Review meeting.

Galveston, Texas. February 6, 1984.

Attended the American Orthopaedic Society for Sports Medicine Meeting.
Atlanta, Georgia. February 8-9, 1984.

Attended the 51st Annual Meeting of the American Academy of Orthopaedic Surgeons.
Atlanta, Georgia. February 9-14, 1984.

Attended the Annual Meeting of the Arthroscopy Association of North America.
New Orleans, Louisiana. March 29 - April 1, 1984.

Attended a Committee Meeting of the Texas Society of Sports Medicine as President of the Society of Sports Medicine, the Symposium of Sports Medicine and a meeting of the Texas Orthopaedic Association in conjunction with the 117th Annual Session of the Texas Medical Association.
Fort Worth, Texas. May 10-12, 1984.

Served as a Volunteer Physician at the United States Olympic Training Center.
Colorado Springs, Colorado. August 13-26, 1984.

Attended meeting on "Innovative strategies in Rehabilitation: The Search for Function" sponsored by the Department of Orthopaedics and Rehabilitation University of Medicine and UM/Jackson Memorial Rehabilitation Center.
Bal Harbour, Florida. December 7-9, 1984.

MEETINGS ATTENDED AND PRESENTATIONS IN 1985:

Attended a course titled "Knee Instability" sponsored by the University of Puerto Rico.
San Juan, Puerto Rico. January 5-10, 1985.

Presented a paper titled "Normal Values for Isokinetic Testing of Shoulder Strength" at the First Open Meeting of the American Shoulder and Elbow Surgeons.
Las Vegas, Nevada. January 23, 1985.

Presented a scientific exhibit titled "Arthroscopic Debridement of the Knee for Adult Septic Arthritis" at the 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, Nevada. January 24-29, 1985.

Presented a paper titled "The Medical Bag: Contents and Uses" at the Twelfth Annual Symposium on Sports Medicine. University of Texas Health Science Center.
San Antonio, Texas. January 31 - February 2, 1985.

Presented a paper entitled "Operative Note Database System" at the Houston Academy of Medicine/Texas Medical Center Library 1985 Micros & Medicine program.
Houston, Texas. February 9, 1985.

Presented a paper titled "Arthroscopic Debridement of the Knee for Adult Hematogenous Pyarthrosis" at the 1985 Annual meeting of the Arthroscopy Association of North America. Boston, Massachusetts. April 10-13, 1985.

Sports Medicine Delegation Member to Peoples Republic of China, visiting Beijing, Shanghai and Canton. Sponsored by the Citizen Ambassador Program of People to People International. March 30 - April 13, 1985.

Presented a scientific exhibit entitled "Opnotes: MicroComputer Database System for Operative Reports" at the meeting of the Committee on Sports Medicine held in conjunction with the 118th Annual Session of the Texas Medical Association. San Antonio, Texas. May 9-11, 1985.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 3rd Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 28 & 29, 1985.

Presented a paper entitled "Transarticular Pin Fixation of the Knee After Operative Ligament Repair at the meeting of the American Orthopaedic Society for Sports Medicine. Nashville, Tennessee. June 29 - July 3, 1985.

Attended a dinner meeting of the Houston Orthopaedic Society. Houston, Texas. September 12, 1985.

Attended the Committee on Sports Medicine, 1985 Fall Conference, sponsored by the Texas Medical Association. Austin, Texas September 21, 1985.

Attended the New Jersey LCS Total Knee Seminar sponsored by Depuy. San Francisco, California. September 26 & 27, 1985.

Attended the 1985 CIC Symposium: "Effects of Competitive Sports on Children and Youth" sponsored by Michigan State University. Lansing, Michigan. October 3 - 6, 1985.

Guest Lecturer at the 2nd Annual Mexican-American Physicians Association Conference Sponsored by the Mexican-American Physicians Association and the University of Texas Health Science Center. Lecture entitled "Sports Injuries of the Shoulder". San Antonio, Texas. October 11, 1985

Attended a Total Knee Replacement Seminar sponsored by Richards Medical Company. Beaumont, Texas. October 22, 1985.

MEETINGS ATTENDED AND PRESENTATIONS IN 1986:

Presented two talks on Sports Medicine entitled "Where are we today?" and "Psychological Impact of Youth Sports Participation" at the Thirteenth Annual Symposium on Sports Medicine at the University of Texas Health Science Center at San Antonio.

San Antonio, Texas. January 30 - February 2, 1986.

Attended a meeting of the Committee on Sports Medicine and attended the Texas Medical Association Committee on Sports Medicine 1986 Winter Conference "Confronting the Forces of Change".

Austin, Texas. February 8, 1986.

Attended the American Shoulder and Elbow Surgeons Second Open Meeting.

New Orleans, Louisiana. February 19 - 20, 1986.

Attended the Knee Society Meeting.

New Orleans, Louisiana February 20, 1986.

Attended the 53rd Annual Meeting of the American Academy of Orthopaedic Surgeons.

New Orleans, Louisiana. February 20 - 25, 1986.

Attended a meeting of the Committee on Sports Medicine held in conjunction with the 119th Annual Session of the Texas Medical Association in Dallas, and to presented a paper entitled "Proximal Tibial Osteotomy For Unicompartament Arthritis of the Knee".

Dallas, Texas. May 8 - 11, 1986.

Attended the Harvard Medical School Department of Continuing Education "Osteotomy of the Hip and Knee".

Boston, Massachusetts. May 13 - 17, 1986.

Visiting Professor at the Medical College of Ohio "Resident Day Activities".

Toledo, Ohio. June 19 - 22, 1986.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 4th Annual Conference on Innovations in Sports Medicine.

Galveston, Texas. June 27 & 28, 1986.

Attended the Richards Medical Company FDA investigational protocol meeting.

New York, New York. July 27 - 28, 1986.

MEETINGS ATTENDED AND PRESENTATIONS IN 1987:

Attended American Shoulder and Elbow Surgeons Third Open Meeting.
San Francisco, California. January 21 - 22, 1987.

Attended Orthopaedic Society for Sports Medicine meeting.
San Francisco, California. January 21, 1987.

Attended the Knee Society Meeting.
San Francisco, California. January 22, 1987.

Attended the 54th Annual Meeting of the American Academy of Orthopaedic Surgeons.
San Francisco, California. January 22 - 27, 1987.

Attended the 1987 Annual Meeting of the Arthroscopy Association of North America.
Houston, Texas. March 11 - 14, 1987.

Attended the 5th Congress of the International Society of the Knee.
Sydney, Australia. April 5 - 10, 1987.

Attended the Orthopaedic Associations of the English-Speaking World Eighth Combined Meeting.
Washington, D C. May 3 - 8, 1987.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 5th Annual Conference on Innovations in Sports Medicine.
Galveston, Texas. June 26 - 27, 1987.

MEETINGS ATTENDED AND PRESENTATIONS IN 1988:

Presented two papers entitled "Heat Illness Syndromes: Diagnosis, Prevention and Treatment" and "Ankle and Midfoot Sprains: Diagnosis and Treatment" at the 15th Annual Sports Medicine Symposium.
San Antonio, Texas. January 21 - 23, 1988.

Attended the 24th Annual Orthopaedic Symposium Disorders of the Shoulder: Modern Orthopaedic Management.
Houston, Texas. April 29 - 30, 1988.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 6th Annual Conference on Innovations in Sports Medicine.
Galveston, Texas. June 24 - 25, 1988.

MEETINGS ATTENDED AND PRESENTATIONS IN 1989:

Attended the American Academy of Orthopaedic Surgeons 56th Annual Meeting. Las Vegas, Nevada. February 9 - 14, 1989.

Attended the annual Texas Medical Association Committee on Sports Medicine. Austin, Texas. March 4, 1989.

Attended the 8th Annual Meeting of the Arthroscopy Association of North America. Seattle, Washington. April 13 - 16, 1989.

Attended Issues in Orthopaedic Implant Technology. St. Thomas, U.S. Virgin Islands. April 19 - 23, 1989.

Attended the Congress of the International Arthroscopy Association. Rome, Italy. May 6 - 8, 1989.

Attended the 6th Congress of the International Society of the Knee. Rome, Italy. May 8 - 12, 1989.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 7th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. July 7 - 8, 1989

Attended the Salt Lake City Knee and Sports Medicine Symposium. Salt Lake City, Utah. July 15, 1989.

Attended the U.S. Olympics Summer Sports Festival. Oklahoma City, OK. July 20 - 31, 1989.

MEETINGS ATTENDED AND PRESENTATIONS IN 1990:

Presented two papers entitled "Elbow Injury: Diagnosis and Treatment" and "Flexibility and Injury Prevention" at the 17th Annual Symposium on Sports Medicine. San Antonio, Texas. January 18 - 20, 1990.

Attended the 57th Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, Louisiana. February 8 - 13, 1990.

Attended The Miami Sports Medicine Seminar's "Shoulder Update". Miami, Florida. March 22 - 24, 1990.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 8th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. July 6 - 7, 1990.

Participated as an examiner in the American Board of Orthopaedic Surgery 1990 Part II Oral Examination.

Chicago, Illinois July 10 - 13, 1990.

Attended the 16th Annual American Orthopaedic Society for Sports Medicine.

Sun Valley, Idaho. July 15 - 19, 1990.

Attended the XXVII World Congress of International College of Surgeons and presented a paper entitled "Treatment Options for Infected Knee Arthroplasties". Sao Pablo, Brazil September 9 - 15, 1990.

MEETINGS ATTENDED AND PRESENTATIONS IN 1991:

Attended the 58th Annual Meeting of the American Academy of Orthopaedic Surgeons. Anaheim, California. March 7 - 12, 1991.

Attended the Arthroscopy Association of North America 10th annual meeting and presented a paper entitled "Serum Bupivacaine Concentrations Following Intra-articular Injection for Pain Relief after Knee Arthroscopy".

San Diego, California. April 24 - 27, 1991.

Attended the Combined Congress of the International Arthroscopy Association/International Society of the Knee and presented a paper entitled "Serum Concentrations of Bupivacaine Following Intra-Articular Injection for Pain Relief after Knee Arthroscopy".

Toronto, Ontario, Canada. May 13 - 17, 1991.

Attended the 17th Annual Meeting of the American Orthopaedic Society for Sports Medicine and copresented a paper entitled "Anatomic Variations of the Pes Anserinus--Cadaver Study".

Orlando, Florida. July 8 - 11, 1991.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 9th Annual Conference on Innovations in Sports Medicine.

Galveston, Texas. July 12 - 13, 1991.

Participated as a physician for the medical support team of the U.S. Olympic Committee at the 1991 Pan American Games.

Havana, Cuba. July 24 - August 19, 1991.

MEETINGS ATTENDED AND PRESENTATIONS IN 1992:

Attended the 19th Annual Symposium on Sports Medicine.

San Antonio, Texas. January 16 - 18, 1992.

Attended the 59th Annual Meeting of the American Academy of Orthopaedic Surgeons and presented a paper entitled "Serum Concentrations of Bupivacaine Following Intra-Articular Injection for Pain Relief after Knee Arthroscopy" at the Arthroscopy Association of North America Specialty Day.
Washington, D.C. February 20 - 25, 1992.

Attended the 11th Annual Meeting of the Arthroscopy Association of North America.
Boston, Massachusetts. April 23 - 26, 1992.

Presented a talk entitled "Knee Ligament Injuries" at the New Concepts in Sportsmedicine and Human Performance. Sponsored by Southwest Texas State University.
San Marcos, Texas. May 1 - 2, 1992.

Guest Lecturer at the Oklahoma Academy of Family Physicians. Lecture entitled "Diagnosis & Management of Shoulder Disorders".
Oklahoma City, Oklahoma. May 5 - 6, 1992.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 10th Annual Conference on Innovations in Sports Medicine and presented a talk entitled "Ankle Sprain - Pathoanatomy and Initial Evaluation".
Galveston, Texas. June 26 - 27, 1992.

Participated as an examiner in the American Board of Orthopaedic Surgery 1992 Part II Oral Examination.
Chicago, Illinois. July 7 - 10, 1992.

Attended the Academic Orthopaedic Society Meeting.
New Orleans, Louisiana. November 6 - 8, 1992.

Attended the XXVIII World Congress of the International College of Surgeons Meeting and presented two papers entitled "Anatomic Variations of the Pes Anserinus" and "Serum Bupivacaine Concentrations Following Intra-Articular Injection after Knee Arthroscopy".
Cairo, Egypt. November 16 - 21, 1992.

MEETINGS ATTENDED AND PRESENTATIONS IN 1993:

Attended the 60th Annual American Academy of Orthopaedic Surgery.
San Francisco, California. February 18 - 23, 1993.

Attended the 2nd American Orthopaedic Society for Sports Medicine/Japanese Orthopaedic Society for Sports Medicine Trans-Pacific Meeting.

Maui, Hawaii. March 20 - 25, 1993.

Attended the 12th Annual Meeting of the Arthroscopy Association of North America.
Palm Desert, California. April 1 - 4, 1993.

Attended the 11th Annual G.W.N. Eggers Lectureship and Meeting and presented a talk entitled "Adolescent Knee Pain".
Galveston, TX. April 22 - 24, 1993.

Attended course on Total Knee Replacement sponsored by Harvard Medical School.
Department of Continuing Education.
Cambridge, Massachusetts. April 29 - May 1, 1993.

Attended the 1993 Annual Meeting of the American College of Sports Medicine and presented an abstract entitled "Postoperative Cryotherapy for Pain Relief Following Total Knee Arthroplasty".
Seattle, Washington. June 2 - 5, 1993.

Attended the Annual Combined Congress of the International Arthroscopy Association and the International Society of the Knee Meeting and to present a poster session entitled "Postoperative Cryotherapy for Pain Relief Following Total Knee Arthroplasty."
Copenhagen, Denmark. June 25 - June 30, 1993.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 11th Annual Conference on Innovations in Sports Medicine.
Galveston, Texas. July 9 - 10, 1993.

Guest lecturer at the 1st Annual Men's Health Issues Update at the University of Texas Medical Branch.
Galveston, Texas. September 10 - 12, 1993.

MEETINGS ATTENDED AND PRESENTATIONS IN 1994:

Guest lecturer at the 21st Annual Symposium on Sports Medicine at The University of Texas Health Science Center at San Antonio presented "Principles of Muscle Strength & Endurance Training" and "Principles of Acute Tendon Injury".
San Antonio, Texas. January 13 - 15, 1994.

Attended the American Academy of Orthopaedic Surgeons course entitled Meeting the Managed Care Challenge--Developing Your Orthopaedic Practice Strategy.
Dallas, Texas. January 29, 1994.

Attended the 61st Annual American Academy of Orthopaedic Surgeons Meeting and presented a paper entitled "Postoperative Cryotherapy for Pain Relief Following Total Knee Arthroplasty" at the Scientific Program Annual meeting.

New Orleans, Louisiana. February 24 - March 1, 1994.

Attended the 3rd Annual Sports Performance Symposium at The Institute for Sports Medicine and Human Performance Southwest Texas State University and presented a talk entitled "Patellofemoral Syndromes--Evaluation and Treatment".

San Marcos, Texas. April 22 - 23, 1994

Program Director for the 12th Annual G.W.N. Eggers Lectureship and Meeting--Orthopaedic Medicine in Sports at the University of Texas Medical Branch.

Galveston, Texas. April 14 - 16, 1994.

Attended the 3rd Annual East Texas Sports Medicine Seminar and Tennis Symposium and presented a talk entitled "Articular Cartilage Injuries of the Knee".

Tyler, Texas. June 9 - 11, 1994.

Attended "Current Trends in Knee & Hip Arthroplasty".

Cabo San Lucas, Mexico. June 23 - 25, 1994.

Attended the 20th Annual American Orthopaedic Society for Sports Medicine Meeting.

Palm Desert, CA . June 26 - 29, 1994.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 12th Annual Conference on Innovations in Sports Medicine.

Galveston, Texas. July 8 - 9, 1995.

Guest lecturer at the 2nd Annual Men's Health Issues Seminar at the University of Texas Medical Branch presented "Injuries to the Weekend Athlete".

Galveston, Texas. October 28 - 30, 1994.

MEETINGS ATTENDED AND PRESENTATIONS IN 1995:

Attended the 12th Annual Arthritic Hip, Knee and Shoulder Symposium.

Snowbird, Utah. January 4- 7, 1995.

Attended the Arthroscopic Surgery 1995 Robert W. Metcalf, M.D. Memorial.

Sun Valley, Idaho. January 16 - 21, 1995.

Program Director for the 8th Annual Josefina Santos Lectureship--Arthroplasty. University of Texas Medical Branch.

Galveston, Texas. January 27 - 28, 1995.

Attended the 62nd Annual American Academy of Orthopaedic Surgeons Meeting.

Orlando, Florida. February 16 - 21, 1995.

Guest speaker for the Spring 95 Lecture Tour for the Texas Chapter of the American College of Sports Medicine.

UT-Arlington, TWU-Denton, UT-El Paso, and TWU-Houston, Texas. March 29 - April 3, 1995.

Attended the 14th Annual Meeting of the Arthroscopy Association of North America. San Francisco, California. May 4 - 7, 1995.

Attended the 4th Combined Congress of the International Arthroscopy Association and the International Society of the Knee and presented a poster session entitled "Muscle Balance at the Knee--Moment Arms of the Normal Knee, ACL Minus Knee, PCL Sparing Prosthesis, and PCL Sacrificing Prosthesis".

Kowloon, Hong Kong. May 27 - May 31, 1995.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 13th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. July 7 - 8, 1995.

To participate as an oral examiner for the American Board of Orthopaedic Surgery's Oral Examinations. Part II 1995.

Chicago, IL. July 10 - 13, 1995.

To attend the 21st Annual Meeting of the American Orthopaedic Society for Sports Medicine.

Toronto, Ontario, Canada. July 16 - 19, 1995.

Attended the Pebble Beach Workshop/Seminar for Total Knee, Hip and Shoulder Arthroplasty sponsored by Intermedics Orthopedics, Inc. and presented a talk entitled "Treatment Options for Infected Knee Arthroplasty".

Pebble Beach, CA. August 24 - 26, 1995.

Guest lecturer at the 3rd Annual Men's Health Issues Update at the University of Texas Medical Branch presented "Injuries to the Weekend Athlete".

Galveston, Texas. November 3 - 5, 1995.

MEETINGS ATTENDED AND PRESENTATIONS IN 1996:

Guest lecturer at the 23rd Annual Symposium on Sports Medicine at The University of Texas Health Science Center at San Antonio presented "Meniscal Injury: Diagnosis & Treatment".

San Antonio, Texas. January 11 - 13, 1996.

Guest lecturer at the 1996 Colloquia on Applied Science in Sports Medicine at the Joe W. King Orthopedic Institute presented "Management of Posterior Cruciate Ligament Injuries".

Houston, Texas. April 19 - 20, 1996.

Attended the Total Knee Replacement 1996 at Harvard Medical School. Cambridge, Massachusetts. May 2 - 4, 1996.

Attended the 14th Annual G.W.N. Eggers Lectureship and Alumni Meeting. Galveston, Texas. May 23 - 25, 1996.

Hosted conference jointly with the Continuing Education Department of the University of Texas Medical Branch - 14th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. July 5 - 6, 1996.

MEETINGS ATTENDED AND PRESENTATIONS IN 1997:

Attended the 64th Annual American Academy of Orthopaedic Surgeons Meeting. San Francisco, CA. February 13 - 17, 1997.

Guest lecturer at the UTMB Nursing Joint Ventures on "School Health: Emergencies in the Schools - Are You Ready?" presentation entitled Sports Injuries in Schools. Galveston, TX. March 8, 1997.

Guest lecturer at The Colloquia on Applied Science in Sports Medicine presented "Conditions Complicating Ankle Sprains". Houston, TX. April 25-26, 1997.

Attended the International Society of Arthroscopy, Knee Surgery and Sports Medicine Annual Meeting. Buenos Aires, Argentina. May 11 - 16, 1997.

Visiting professor at Mafraq Hospital. Abu Dhabi, United Arab Emirates. June 12 - 25, 1997.

Hosted the 15th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 27 - 28, 1997.

Moderator at the Total Knee, Hip and Shoulder Arthroplasty workshop/seminar sponsored by Sulzer Orthopedics Inc. Pebble Beach, CA. July 31 - August 2, 1997.

MEETINGS ATTENDED AND PRESENTATIONS IN 1998:

Guest lecturer at the 4th Annual Sports Medicine Symposium for the Health Care presented “DJD in the Older Athlete: Total Knee Arthroplasty” and “Mechanism of Injury and Natural History of PCL Injuries: Latest Concepts in Surgery”. Cincinnati, OH March 13 - 14, 1998.

Attended the 65th Annual American Academy of Orthopaedic Surgeons Meeting. New Orleans, LA. March 19 - 23, 1998.

Visiting professor at Mafrag Hospital. Abu Dhabi, United Arab Emirates. April 17 - 27, 1998.

Attended the 3rd Annual Current Concepts in Total Hip and Knee Arthroplasty. Sitka, Alaska. June 12 - 13, 1998.

Hosted the 16th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 19 - 20, 1998.

Attended the 24th Annual Meeting of the American Orthopaedic Society for Sports Medicine. Vancouver, Canada. July 11 - 15, 1998.

Attended and presented “Postoperative Cryotherapy for Pain Relief Following Total Knee Arthroplasty” at the Total Knee, Hip and Shoulder Arthroplasty sponsored by Sulzer Medica. Pebble Beach, California. July 30 - August 1, 1998.

Attended the SANOFI/ORGANON Joint Investigator’s Meeting. Tampa, Florida. December 10 - 12, 1998.

MEETINGS ATTENDED AND PRESENTATIONS IN 1999:

Attended and presented “Posterior Stabilized Natural Knee II” at the Sulzer Orthopedics Pinehurst Workshop/Seminar. Pinehurst, NC. April 15 – 17, 1999.

Presented “The Orthopedic Physical Exam, Common Problems: The Knee” at the 33rd Annual Family Practice Review. Hosted by UTMB – Galveston. Galveston, TX. May 12 – 15, 1999.

Presented “Sports Medicine Workshop” at the 48th Annual Pediatric Meeting and Update. Hosted by UTMB – Galveston. Galveston, TX. June 10 – 12, 1999.

Hosted the 17th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 19 - 20, 1999.

MEETINGS ATTENDED AND PRESENTATIONS IN 2000:

Attended the 67th Annual Meeting of the American Academy of Orthopaedic Surgeons. Orlando, FL. March 15-19, 2000.

Attended the 19th Annual Meeting of the Arthroscopy Association of North America. Miami Beach, FL. April 13 – 16, 2000.

Hosted the 18th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 23 - 24, 2000.

Attended the Computer Training for Physicians sponsored by the University of California, San Diego School of Medicine. San Diego, CA. December 7 – 9, 2000.

Attended the 17th Annual Current Concepts in Joint Replacement – Winter 2000. Orlando, FL. December 14 – 16, 2000.

MEETINGS ATTENDED AND PRESENTATIONS IN 2001:

Attended the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. San Francisco, CA. February 28 – March 4, 2001.

Attended and presented the 19th Annual G.W.N. Eggers Lectureship. Galveston, TX. March 29 – 31, 2001.

Attended the International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine 2001 Biennial Congress Meeting. Montreaux, Switzerland. May 14 – 18, 2001.

Hosted the 19th Annual Conference on Innovations in Sports Medicine. Galveston, Texas. June 29 - 30, 2001.

MEETINGS ATTENDED AND PRESENTATIONS IN 2002:

Attended the 69th Annual Meeting of the American Academy of Orthopaedic Surgeons. Dallas, TX. February 12 – February 17, 2002.

Attended and presented The History of Arthroscopy at the 20th Annual GWN Eggers Lectureship. Galveston, Texas. March 21-23, 2002

Presented Physical Examination of the Knee Workshop at the 36th Annual Family Practice Review. Hosted by UTMB and Department of Family Medicine.

Galveston, TX. May 8-11, 2002.

Attended the Unispacer Knee System Training meeting presented by Sulzer Orthopedics.
Austin, TX. June 14, 2002.

Attended the American Orthopaedic Society for Sports Medicine 28th Annual Meeting.
Orlando, FL. June 30 – July 3, 2002.

Hosted the 20th Annual Conference on Innovations in Sports Medicine.
Galveston, TX. July 12 – 13, 2002.

Attended the Edward T. Smith Lectureship 2002 sponsored by The University of Texas Health
Science Center at Houston.
Houston, TX. November 8, 2002.

MEETINGS ATTENDED AND PRESENTATIONS IN 2003:

Attended the American Academy of Orthopaedic Surgeons 70th Annual meeting
New Orleans, LA. February 5 – 9, 2003.

Attended the 2003 International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports
Medicine Congress.
Auckland, New Zealand. March 10-14, 2003.

Attended and presented “Knee Injuries” at the G.W.N. Eggers Lectureship sponsored by UTMB
Orthopaedic Alumni 21st Annual Meeting.
Galveston, TX. April 24-26, 2003.

Presented workshop entitled “The Clinical Knee Exam” at the 37th Annual Family Practice
Review. Hosted by UTMB and the Department of Family Medicine.
Galveston, TX. May 8 – 9, 2003.

Hosted the 21st Annual Conference on Innovations in Sports Medicine.
Galveston, TX. July 11 – 12, 2003.

Attended the 1st Southern California Orthopedic Institute Sports Medicine Fellowship Reunion
and Educational Symposium.
San Diego, CA. July 17 – 19, 2003.

Attended the American Orthopaedic Society for Sports Medicine 29th annual meeting.
San Diego, CA. July 20 – 23, 2003.

MEETINGS ATTENDED AND PRESENTATIONS IN 2004:

Attended the American Academy of Orthopaedic Surgeons 71st Annual meeting.

San Francisco, CA. March 10 – 14, 2004.

Presented a talk entitled “Comprehensive Non-Surgical Management of Knee Arthritis” at the Texas Association of Orthotists & Prosthetists annual meeting.
Houston, TX. March 27, 2004.

Presented workshop entitled “Knee: Physical Examination” at the 38th Annual Family Practice Review meeting. Hosted by UTMB and the Department of Family Medicine.
Galveston, TX. May 6, 2004.

Hosted the 22nd Annual Conference on Innovations in Sports Medicine.
Galveston, TX. July 23 – 24, 2004.

Attended the Minimally Invasive Joint Replacement: State of the Art sponsored by the Institute of Orthopedic Surgery and Education and the Methodist Hospital.
Houston, TX. September 17, 2004

Participated in the educational activity Treatment Options for Difficult Fractures sponsored by SUNY Upstate Medical University.
Houston, TX. October 23, 2004.

MEETINGS ATTENDED AND PRESENTATIONS IN 2005:

Attended the American Academy of Orthopaedic Surgeons 72nd Annual Meeting.
Washington, DC. February 23 – 27, 2005.

Attended the 2005 Biennial Congress of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine meeting.
Hollywood, FL. April 3 - 7, 2005.

Hosted the 23rd Annual Conference on Innovations in Sports Medicine and presented talk entitled “Examination of the Knee” at the 23rd Annual Conference on Innovations in Sports Medicine meeting. Hosted by UTMB and the Department of Orthopaedic Surgery.
Galveston, TX. July 8 - 9, 2005.

Attended the American Orthopaedic Society for Sports Medicine Annual Meeting.
Keystone, CO. July 14 - 17, 2005.

Attended the Tissue Sparing Treatment of Degenerative Joint Disease conference.
Houston, Texas. October 6 - 8, 2005.

MEETINGS ATTENDED AND PRESENTATIONS IN 2006:

Attended the American Academy of Orthopaedic Surgeons 73rd Annual Meeting.
Chicago, IL. March 22 – 26, 2006.

Presented workshop entitled "Knee and Shoulder Physical Examination" at the 40th Annual Family Practice Review meeting. Hosted by UTMB and the Department of Family Medicine. Galveston, TX. April 7, 2006.

Hosted the 24th Annual Conference on Innovations in Sports Medicine and presented a workshop entitled "Arthroscopic Surgery of the Knee" and a talk entitled "Knee Braces-- Indications". Hosted by UTMB and the Department of Orthopaedic Surgery. Galveston, TX. June 30 and July 1, 2006.

MEETINGS ATTENDED AND PRESENTATIONS IN 2007:

Attended the American Academy of Orthopaedic Surgeons 74th Annual Meeting. San Diego, CA. February 14 – 18, 2007.

Attended the 2007 Biennial Congress of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine. Florence, Italy. May 27-31, 2007.

Hosted the 25th Annual Conference on Innovations in Sports Medicine and presented a talk entitled "Pitfalls in the Diagnosis and Treatment of Ankle Sprain". Hosted by UTMB and the Department of Orthopaedic Surgery. Galveston, TX. July 20 and July 21, 2007.

MEETINGS ATTENDED AND PRESENTATIONS IN 2008:

Attended the American Academy of Orthopaedic Surgeons 75th Annual Meeting. San Francisco, CA. March 6 – 9, 2008.

BIBLIOGRAPHY

ARTICLES IN JOURNALS:

1. Ivey, Jr., F.M.; Blazina, M.E.; Fox, J.M. and Del Pizzo, W. Reoperation Following Patellectomy for Chondromalacia. Orthopaedics. 2:136, 1979.
2. Blazina, M.E.; Fox, J.M.; Del Pizzo, W.; Broukim, B. and Ivey, F.M. Patellofemoral Replacement. Clin. Orthop. 144:98, 1979.
3. Fox, J.M.; Blazina, M.E.; Del Pizzo, W. and Ivey, F.M. Extra-Articular Stabilization of the Knee for Anterior Instability. Clin. Orthop. 147:56, 1980.

4. Ivey, F.M.; Blazina, M.E.; Fox, J.M.; Del Pizzo, W. Arthroscopy of the Knee Under General Anesthesia: An Aid to the Determination of Ligamentous Instability. *Am. J. Sports Medicine*. 8:235, 1980.
5. Ivey, F.M.; Blazina, M.E.; Fox, J.M. and Del Pizzo, W. Intra-Articular Substitution for Anterior Cruciate Insufficiency: A Clinical Comparison Between Patellar Tendon and Meniscus. *Am. J. Sports Medicine*. 8:405, 1980.
6. Ivey, F.M. Evaluating Acute Knee Injuries. *Am. Family Phys.* 25:122, 1982.
7. Blazina, M.E.; Fox, J.M.; Del Pizzo, W.; Friedman, M. and Ivey, F.M. Thomas B. Quigley, M.D. and the Meniscus. *Clin. Orthop.* 164:84, 1982.
8. Cage, J.B. and Ivey, F.M. Intercondylar Fracture of the Femur in an Adolescent Athlete. *Phys. and Sports Medicine*. 11:115, 1983.
9. Ivey, F.M. and Cantrell, J.S. Lateral Tibial Plateau Fracture as Postoperative Complication of High Tibial Osteotomy. *Orthopedics*. 8:1009, 1985.
10. Ivey, F.M. Myositis Ossificans of the Thigh Following Manipulation of the Knee. A Case Report. *Clin. Orthop.* 198:102, 1985.
11. Ivey, F.M. and Clark, R. Arthroscopic Debridement of the Knee for Septic Arthritis. *Clin. Orthop.* 199:201, 1985.
12. Ivey, F.M.; Calhoun, J.; Rusche, K. and Bierschenk, J. Normal Values for Isokinetic Testing of Shoulder Strength. *Orthopaedic Transactions*. 9:47, 1985.
13. Ivey, F.M.; Calhoun, J.; Rusche, K. and Bierschenk, J. Isokinetic Testing of Shoulder Strength: Normal Values *Arch. Phys. Med. Rehabil.* 66:384, 1985.
14. Jamison, J.P. and Ivey, F.M. Nontraumatic Clostridial Myonecrosis, a Case Report. *Orthop. Rev.* 15:65, 1986.
15. O'Meara, C.B.; Tencer, A.F.; Ivey, F.M. and Woodard, P. A Comparison of Various Types of Fixation Devices for Protection of The Posterior Cruciate Ligament Against a Posterior Drawer Force. *Journal of Ortho Research*. 4:499, 1986.
16. Ivey, Marty. Extraarticular Lateral Reconstruction for Anterior Cruciate Ligament Insufficiency. *Techniques Orthop.* 2:48, 1988.
17. McCormick, D.P.; Ivey, F.M.; Gold, D.M.; Zimmerman, D.M.; Gemma, S. and Owen, M.J. The Preparticipation Sports Examination in Special Olympics Athletes. *Texas Medicine*. 84:39, 1988.

18. Clark, R.; Evans, E.B.; Ivey, F.M.; Calhoun, J.H. and Hokanson, J.A. Characteristics of Successful and Unsuccessful Applicants to Orthopedic Residency Training Programs. *Clinical Orthop. and Related Research*. 241:257, 1989.
19. Ivey, F.; Hicks, C.; Calhoun, J.; Mader, J. Treatment Options for Infected Knee Arthroplasties. *Reviews of Infectious Disease*. 12:468. 1990.
20. Ivey, M.; Britt, M.; Johnston, R.V. Reflex Sympathetic Dystrophy after Clavicle Fracture: Case Report *The Journal of Trauma*. 31:276 1991.
21. Ivey, M.; Li, F. Tensile Strength of Soft Tissue Fixations About the Knee. *The American Journal of Knee Surgery*. 4:18, 1991.
22. Solanki, D.R.; Enneking, F.K.; Ivey, F.M.; Scarborough, M., Johnston, R.V. Serum Bupivacaine Concentrations After Intraarticular Injection for Pain Relief After Knee Arthroscopy. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 8:44, 1992.
23. Patterson, R.M.; Ivey, M. Prosthetic Knee Design: Surface Areas and Load Characteristics of Cruciate Sacrificing Posterior Stabilized Total Knee Arthroplasties. *IEEE Engineering in Medicine and Biology*. 11:68, 1992.
24. Ivey, Marty. Surgical Technique for Harvesting the Gracilis and Semitendinosus Tendons. *Contemporary Orthopaedics*. 26:369, 1993.
25. Ivey, Marty; Prud'homme, Joe Anatomic Variations of the Pes Anserinus: A Cadaver Study. *Orthopedics*. 16:601, 1993.
26. Ivey, Marty; Watanabe, Bruce; Uchida, Tatsuo. Effect of Rotation on Measured Alignment in Knee Arthroplasty. Analysis of Causes of Discrepancies Induced by Rotation. *The American Journal of Knee Surgery*. 6:79, 1993.
27. Ivey, Marty; Johnston, Robert; Uchida, Tatsuo. Cryotherapy for Postoperative Pain Relief Following Knee Arthroplasty. *The Journal of Arthroplasty*. 9:285, 1994.
28. Ivey, Marty; Hicks, Carl; Hook, J. David. A Case Report: Stress Fracture of the Tibia After Harvest of a Vascularized Fibular Graft for Repair of Nonunion of the Humerus. *Orthopedics*. 18:57, 1995.
29. Ivey, M., Johnston, R., Uchida, T. Cryotherapy for Postoperative Pain Relief Following Knee Arthroplasty. *Analgesic Digest*. 1:3, 1995.

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31. Buford, WL., Ivey, M., Malone, D., Patterson, RM., Peare, GL., Nguyen, DK., Stewart, AA. Muscle Balance at the Knee—Moment Arms for the Normal Knee and the ACL-Minus Knee. *IEEE Transactions on Rehabilitation Engineering*. 5:367, 1997.
32. Ivey, M. Book Review—American College of Sports Medicine’s Exercise Management for Persons With Chronic Diseases and Disabilities, Durstine, LJ (ed), Champaign, IL: Human Kinetics Publishers, 1997 in *The Journal of Orthopaedic & Sports Physical Therapy*. 27:383, 1998.
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34. Buford, WL., Ivey, FM., Nakamura, T., Fay, JM. Patterson, RM. Moment Arms of Muscles at the Knee During Internal/External and Flexion/Extension Motion, *International Society of Biomechanics XVII Congress Book of Abstracts* pg 540, 1999.
35. Buford, WL., Ivey, FM., Nakamura, T., Fay, JM. Patterson, RM. Moment Arms of Muscles at the Knee During Internal/External Rotation for the Normal Knee and ACL Minus Knee, *Proceedings, 17th Annual Houston Conference on Biomechanical Engineering Research*, pg 95, Houston, TX 1999.
36. Buford, WL., Ivey, FM., Nakamura, T., Fay, JM. Patterson, RM. Moment Arms of Muscles at the Knee During Internal/External and Flexion/Extension Motion, *Proceedings of the First Joint BMES/EMBS Conference Serving Humanity, Advancing Technology*, pg 556, Atlanta, GA, October 13-16, 1999.
37. Buford, WL., Ivey, FM., Nakamura, T., Patterson, RM., Nguyen, D. Internal/External Rotation Moment Arms of Muscles at the Knee – Moment Arms for the Normal Knee and the ACL-Deficient Knee. *The Knee*. 8:293, 2001.
38. Buford, WL., Ivey, FM., Fay, JM, Patterson, RM. The Effect of Total Knee Arthroplasty upon Rotational Muscle Balance at the Knee, *Clinical Orthopaedics and Related Research* (in preparation).
39. Connor CS, Morris RP, Vallurupalli S, Buford WL, Ivey FM. Tensioning of Anterior Cruciate Ligament Hamstring Grafts: Comparing Equal Tension Versus Equal Stress. *Arthroscopy-the Journal of Arthroscopic and Related Surgery* 2008;24(12): 1323-9. <http://dx.doi.org/10.1016?j.arthro.2008.07.006>

Peer Review Articles in Progress:

1. Stinson, Z.S., Buford, W.L., Jr., Ivey, F.M. The Effect of Total Knee Arthroplasty upon Rotational Muscle Balance at the knee, "*Clinical Biomechanics* (Submitted, Jan 2007).

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2. Ivey, F.M. 1986. Knee Ligament Injuries: Diagnostic Aids and Meniscal Reconstruction. D.H.R. Jenkins, F.R.C.S., ed. Knee Ligament Injuries and Their Treatment. Chapman and Hall LTD, London.
3. Ivey, F.M. 1988. The Infected Knee. J. Serge Parisien, M.D., F.A.C.S., ed. Arthroscopic Surgery. McGraw-Hill, New York, New York.
4. Ivey, F.M. 1993. Case #7--Case Discussion. James M. Fox, M.D. and Wilson Del Pizzo, M.D. ed. The Patellofemoral Joint. McGraw-Hill, New York, New York.
5. Ivey, F.M. 1994. Acute Knee Injuries. Letha Y. Griffin, M.D., Ph.D., ed. Orthopaedic Knowledge Update: Sports Medicine. American Academy of Orthopaedic Surgeons, Rosemont, Illinois.

PUBLISHED PROCEEDINGS, POSTER SESSIONS, and ABSTRACTS

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2. Buford, W.L.; Ivey, F.M.; Patterson, R.M.; Peare, G.; and Nguyen, D.: Muscle Moment Arms at the Knee (for the normal knee, ACL minus knee and knees with PCL sparing and sacrificing prostheses). Bioengineering Conf., Beaver Creek, CO, ASME Proceedings, BED-29:379-380, 1995.

3. Buford, W.; Ivey, F.M.; Patterson, R.M.; and Nguyen, D.: Mechanics of Muscles at the Knee (The Normal and ACL Minus Knee, PCL Sparing and PCL Sacrificing Prostheses). At the 13th Annual Houston Conference on Biomedical Engineering Research. The University of Houston, Houston, TX. Proceedings, pp 118. February 16-17, 1995.
4. Buford, W.L.; Ivey, F.M.; and Peare, G.L.: Muscle Balance at the Knee-Moment Arms for the Normal Knee, ACL Minus, PCL Sparing, and PCL Sacrificing Prostheses. Combined Congress of the Intl. Arthroscopic Association and Int. Society of the Knee, Hong Kong, British Crown Colony, May 27-June 01, 1995.
5. Buford, W.L.; Ivey, F.M.; Patterson, R.M.; Peare, G.L.; and Nguyen, D.K.: Muscle Moment Arms at the Knee. 15th International Congress of the International Society of Biomechanics, Jyvaskala, Finland, Book of Abstracts, pg 138-139, July 2-6, 1995.
6. Buford, W.L.; Ivey, F.M.; Malone, D.J.; Patterson, R.M.; and Nguyen, D.: Quantification of Dynamic Muscle Moment Arms at the Knee (for the normal knee, ACL minus knee and knees with PCL sparing and sacrificing prostheses). Advances in Bioengineering, ASME International Mechanical Engineering Congress and Exposition, San Francisco, CA. ASME Proceedings, BED-31:221-222. November 12-17, 1995.
7. Malone, J.D.; Buford, W.L.; Ivey, F.M.; Patterson, R.M.: Muscle Balance at the Knee. 14th Annual Conference on Biomedical Engineering Research, Univ. of Houston, TX, Book of Abstracts, pg 88, February 8-9, 1996.
8. Buford, W.L.; Ivey, F.M.; Patterson, R.M.; Malone, J.D.: Muscle Balance at the Knee: Moment Arms for the Normal Knee, the ACL Minus Knee, and the Knee with PCL Sparing and PCL Sacrificing Prostheses. Presented at the 14th Annual Meeting of the Mid-America Orthopaedic Association. San Antonio, TX, pg 144, April 24-28, 1996.
9. Buford, W.L.; Ivey, F.M.; Malone, D.J.; Patterson, R.M.; and Nguyen, D.: The Effect of Total Knee Arthroplasty Upon Muscle Moment Arm Balance at the Knee. 20th Annual Meeting of the American Society of Biomechanics, Georgia Tech, Atlanta, GA, Conference Proceedings, pp. 211-212, October 17-19, 1996.
10. Buford, W.L.; Ivey, F.M.; Malone, D.J.; Patterson, R.M.; and Nguyen, D.: Moment Arms of Muscles at the Knee for the Normal Knee and the ACL Minus Knee. 20th Annual Meeting of the American Society of Biomechanics, Georgia Tech, Atlanta, GA, Conference Proceedings, pp. 213-214, October 17-19, 1996.
11. Stewart, A.A.; Buford, W.L.; Ivey, F.M.; Malone, J.D.; Patteson, R.M.; Nguyen, D.; and Nelson, C.J.: The Effects of Total Knee Arthroplasty upon Muscle

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