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Philadelphia, PA 19103

Attorneys for Defendants Mitchell and Jessen

**UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF WASHINGTON  
AT SPOKANE**

SULEIMAN ABDULLAH SALIM, et  
al.,

Plaintiffs,

vs.

JAMES E. MITCHELL and JOHN  
JESSEN,

Defendants.

NO. CV-15-0286-JLQ

**DECLARATION OF DR. JOSEPH  
D. ZUCKERMAN IN SUPPORT  
OF DEFENDANTS' MOTION TO  
COMPEL IMES AND  
DEPOSITIONS, AND FOR  
RELIEF FROM RELATED  
DEADLINES**

Without Oral Argument  
December 16, 2016

1 I, Dr. Joseph D. Zuckerman, hereby certify under penalty of perjury, that the  
2 following is true and correct and within my personal knowledge:

3 1. I am over the age of 18, have personal knowledge of all facts  
4 contained in this declaration, and am competent to testify as a witness to those  
5 facts.

6 2. I am the Chairman of the Department of Orthopedic Surgery at the  
7 New York University Hospital for Joint Diseases, and I have been retained as a  
8 medical expert by Defendants James Elmer Mitchell and John "Bruce" Jessen  
9 (collectively, "Defendants") in the above-captioned action. Attached as **Exhibit 1**  
10 is a true and correct copy of my resume.

11 3. I am a board certified orthopedic surgeon licensed to practice in the  
12 State of New York.

13 4. I have been retained to evaluate Plaintiff Suleiman Abdullah Salim's  
14 ("Salim") fracture (deformity) of the hand, alleged back and knee pain, REDACTED  
15 REDACTED and shoulder problems.

16 5. I have been retained to evaluate Plaintiff Mohamed Ahmed Ben  
17 Soud's ("Soud") REDACTED  
18 REDACTED, left leg fracture, and REDACTED.

19 6. In order to perform an independent medical exam on Plaintiffs Salim  
20 and Soud – I will require the following equipment, facilities, and staff:

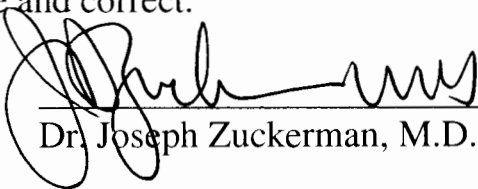
- 21 a. An examination room equipped with basic diagnostic equipment  
22 including reflex hammer, tuning fork and penlight;

- b. X-ray facilities for multiple imaging studies that are expected to include both shoulders, hands, **REDACTED** and spine, which will require proper x-ray equipment and an x-ray technologist to obtain the x-rays;
- c. A CT scan and Magnetic Resource Imaging (MRI) facilities to secure advanced imaging studies;
- d. **REDACTED**  
**REDACTED**  
**REDACTED**
- e. Laboratory equipment for basic laboratory testing that may include complete blood count and metabolic panel. These blood tests are usually performed in a hospital or an independent medical diagnostic laboratory; and
- f. Electrodiagnostic studies to include electromyography and nerve conduction studies. These studies require specialized equipment and a specialist trained to perform the studies.

7. Upon information and belief, depending on the specific location outside the United States, it would be difficult and/or unlikely to find sufficient facilities containing all of the medical equipment and requisite personnel necessary to conduct the aforementioned medical examinations outside of the United States.

8. Upon information and belief, I would be unable to obtain the licensing or privileges required to conduct the necessary examinations (including history, physical exam and appropriate diagnostic studies) on Plaintiffs Salim and Soud outside of the United States. To do so I would require a local physician who could serve as an intermediary in ordering the diagnostic studies.

1 9. I declare under penalty of perjury under the laws of the United States  
2 of America that the foregoing is true and correct.

3   
4 \_\_\_\_\_  
5 Dr. Joseph Zuckerman, M.D.

6 Executed this 9<sup>th</sup> day of November, 2016  
7 at New York, NY

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**CERTIFICATE OF SERVICE**

I hereby certify that on the 16th day of November, 2016, I electronically filed the foregoing document with the Clerk of Court using the CM/ECF system which will send notification of such filing to the following:

Emily Chiang <a href="mailto:echiang@aclu-wa.org">echiang@aclu-wa.org</a> ACLU of Washington Foundation 901 Fifth Ave, Suite 630 Seattle, WA 98164	Paul Hoffman <a href="mailto:hoffpaul@aol.com">hoffpaul@aol.com</a> Schonbrun Seplow Harris & Hoffman, LLP 723 Ocean Front Walk, Suite 100 Venice, CA 90291
Andrew L. Warden <a href="mailto:Andrew.Warden@usdoj.gov">Andrew.Warden@usdoj.gov</a> Senior Trial Counsel Timothy A. Johnson <a href="mailto:Timothy.Johnson4@usdoj.gov">Timothy.Johnson4@usdoj.gov</a> Trial Attorney United States Department of Justice Civil Division, Federal Programs Branch 20 Massachusetts Ave NW Washington, DC 20530	Steven M. Watt, admitted <i>pro hac vice</i> <a href="mailto:swatt@aclu.org">swatt@aclu.org</a> Dror Ladin, admitted <i>pro hac vice</i> <a href="mailto:dladin@aclu.org">dladin@aclu.org</a> Hina Shamsi, admitted <i>pro hac vice</i> <a href="mailto:hshamsi@aclu.org">hshamsi@aclu.org</a> ACLU Foundation 125 Broad Street, 18th Floor New York, NY 10007
Avram D. Frey, admitted <i>pro hac vice</i> <a href="mailto:afrey@gibbonslaw.com">afrey@gibbonslaw.com</a> Daniel J. McGrady, admitted <i>pro hac vice</i> <a href="mailto:dmcgrady@gibbonslaw.com">dmcgrady@gibbonslaw.com</a> Kate E. Janukowicz, admitted <i>pro hac vice</i> <a href="mailto:kjanukowicz@gibbonslaw.com">kjanukowicz@gibbonslaw.com</a> Lawrence S. Lustberg, admitted <i>pro hac vice</i> <a href="mailto:llustberg@gibbonslaw.com">llustberg@gibbonslaw.com</a> Gibbons PC One Gateway Center Newark, NJ 07102	

By s/ Shane Kangas  
 Shane Kangas  
[skangas@bpmlaw.com](mailto:skangas@bpmlaw.com)  
 Betts, Patterson & Mines, P.S.

# **Exhibit 1**

**CURRICULUM VITAE**

**JOSEPH D. ZUCKERMAN, M.D.**

**Professor and Chairman  
NYU Hospital for Joint Diseases  
Department of Orthopaedic Surgery**

**Surgeon-in-Chief  
NYU Hospital for Joint Diseases**

**NYU Hospital for Joint Diseases  
301 East 17th Street  
New York, NY 10003**

**Telephone: (212) 598-6674  
Fax: (212) 598-6793**

**NYU Langone Medical Center  
550 First Avenue  
New York, NY 10016**

**Telephone: (212) 263-6391  
Fax: (212) 263-8217**

**Personal Data**

Home Address: 7 Marbourne Drive  
Mamaroneck, New York 10543

Date of Birth: January 25, 1952  
Place of Birth: Bronx, New York  
Marital Status: Married - Spouse: Janet Rivkin Zuckerman, Ph.D.  
Children: Scott Lawrence (4/26/86)  
Matthew Glen (4/24/89)

**Education**

1970 - 1974 B.S., Cornell University  
Ithaca, New York 14850  
1974 - 1978 M.D., Medical College of Wisconsin  
Milwaukee, Wisconsin 53233

**Postdoctoral Training**

Internship

1978 - 1979 Categorical, Surgery  
University of Washington  
Affiliated Hospitals  
Seattle, Washington 98195

Residency

1979 - 1983 Orthopaedic Surgery  
University of Washington  
Affiliated Hospitals  
Seattle, Washington 98195

Fellowships

1983 - 1984

Adult Reconstructive Surgery/Arthritis Research  
Brigham and Women's Hospital  
Boston, Massachusetts 02115

October 1 - 31, 1984

Shoulder Surgery  
Mayo Clinic - Visiting Clinician  
Rochester, Minnesota 53207

**Licensure**

Licensure to Practice: 1984, State of New York #157703-1

**Board Certification**

American Board of Orthopaedic Surgery - 1986 (expiration 12/31/96)

**Board Recertification**

American Board of Orthopaedic Surgery - 1992 (expiration 12/31/06)

American Board of Orthopaedic Surgery - 2004 (expiration 12/31/16)

**Awards & Honors**

- 2015 "Alumnus of Highest Distinction" - Awarded by the University of Washington Department of Orthopaedic Surgery - Seattle, WA
- 2015 "Distinguished Clinician Educator" - Awarded by the American Orthopaedic Association - Providence, RI, June 24, 2015
- 2014 "Master Educator" - Awarded annually by the New York University School of Medicine based upon a school-wide selection process
- 2013 "Clinical Research Award" - American Association of Hip and Knee Surgeons - "Can a hip and knee adult reconstructive surgeon sustain a practice comprised entirely of Medicare patients?"
- 2013 Presidential Guest Speaker - Eastern Orthopaedic Association - Miami, FL, October 31, 2013 - "Health Care Reform in 2013: Is Universal Coverage Possible?"
- 2011 Distinguished Teaching Medal - Awarded annually by New York University based upon a university-wide selection process
- 2008 "Teacher of the Year" - NYU Hospital for Joint Diseases Orthopaedic Residency Program
- 2005 "Lifetime Achievement Award" - New York Chapter of the Arthritis Foundation
- 2004 Mel Post Award for Excellence in Clinical Research - American Shoulder and Elbow Surgeons
- 2004 "Alumnus of the Year" - Medical College of Wisconsin Alumni Association
- 2004 "Teacher of the Year" - NYU Hospital for Joint Diseases Orthopaedic Residency Program
- 2002 Orthopaedic Research and Education Foundation Clinical Research Award  
"Hip Fractures: A Comprehensive Clinical and Research Approach"



- 2001 Finalist, Accreditation Council on Graduate Medical Education - Parker J. Palmer courage to Teach Award
- 2001 "Teacher of the Year" – NYU Hospital for Joint Diseases Orthopaedic Residency Program
- 1997 Physician Honoree and Frauenthal Award - Hospital for Joint Diseases - 1997 Founders Gala
- 1996 "Leadership Award" - Orthopaedic Surgery Residency Program - Hospital for Joint Diseases
- 1994 Elected to Hicksville High School Hall of Fame
- 1993 "Resident Appreciation Award" - Orthopaedic Surgery Residency Program - Hospital for Joint Diseases
- 1991 ABC Traveling Fellowship - American Orthopaedic Association - April 11 - May 26, 1991
- 1990 Nominee as Outstanding Physician - New York State Medical News
- 1989 "Teacher of the Year" - Orthopaedic Surgery Residency Program - Hospital for Joint Diseases
- 1989 Nominee for Omni Medical Recognition Award
- 1988 "Teacher of the Year" - Orthopaedic Surgery Residency Program - Hospital for Joint Diseases
- 1987 Otto Aufranc Award - The Hip Society  
"Biomechanical Evaluation of Medial Displacement vs. Anatomic Reduction in the treatment of Unstable Intertrochanteric Fractures"
- 1985 North American Traveling Fellowship, American Orthopaedic Association  
October 5 - November 1, 1985
- 1981 Outstanding Resident Paper - "Acetabular Augmentation for Progressive Hip Instability of Neuromuscular Origin" - Children's Orthopaedic Hospital and Medical Center Orthopaedic Day, Seattle, WA.
- 1981 Esther Whiting Award for Best Historical Paper - "International Fixation of Intracapsular Hip Fractures: First Hundred Years" - University of Washington Orthopaedic Residency Program, Seattle, WA.
- 1978 Commencement Speaker - Medical College of Wisconsin
- 1978 Alpha Omega Alpha Medical Honor Society - Medical College of Wisconsin

**Public Recognition**

- 2016 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly
- 2015 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine

**Public Recognition (cont.)**

- 2014 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2013 Becker's "65 Outstanding Shoulder Surgeons"  
America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2012 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2011 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2010 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2009 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2008 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly
- 2007 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2006 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2005 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2004 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2003 America's Top Doctors - Castle Connelly  
Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine
- 2002 America's Top Doctors- Castle Connelly  
Best Doctors in New York - New York Magazine

**Public Recognition (cont.)**

2001 Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine  
2000 Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine

1998 Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine

1996 Best Doctors in New York - Castle Connelly  
Best Doctors in New York - New York Magazine

1992 Best Doctors in New York - New York Magazine

1988 Best Doctors in New York - New York Magazine

**Academic Appointments**

1997 - Present Walter A.L. Thompson Professor of Orthopaedic Surgery  
New York University School of Medicine

1992 - 1997 Associate Professor of Orthopaedic Surgery  
New York University School of Medicine

1987 - 1992 Assistant Professor of Orthopaedic Surgery  
New York University School of Medicine

1986 - 1992 Visiting Scientist  
Massachusetts Institute of Technology

1985 - 1987 Instructor in Orthopaedic Surgery  
New York University School of Medicine

**New York University School of Medicine Appointments and Committees**

1997 - Present Chairman, Department of Orthopaedic Surgery  
New York University School of Medicine

1997-Present Member, Resident Selection Committee

1997 - 2006 Director, Orthopaedic Residency Program  
NYUHJD Department of Orthopaedic Surgery

1998 - 1999 Chair  
Search Committee for Chair of the Department of Surgery

1999 - 2000 Chair  
Search Committee for Chair of the Department of Radiology

2002 Chairman, Department of Dermatology Review Committee

2003 - 2006 Member, NYU Distinguished Teaching Award Selection Committee

2003 - 2004	Co-Chair, Dean's Task Force on Tenure-based Compensation
2005	Chairman, Department of Surgery Review Committee
2006	Chair, Dean/CEO Search Committee
2007 – 2009	Member, Academic Excellence Commission
2012	Chair, Search Committee for Chair of the Department of Medicine
2013	Chair, CME Strategic Planning Committee
2013-present	Three Year MD Advisory Committee

#### **Bellevue Hospital Center Appointments and Committees**

1997 - Present	Chief, Orthopaedic Surgery Service
1997 - 2006	Member, Medical Board
1998 - 2006	Member, Chiefs of Service Committee
1999 - 2001	President, Medical Board
1999 - 2001	Member, Executive Quality Council

#### **New York University Langone Medical Center Appointments and Committees**

1997 - 2004	Member, Executive Committee of the Medical Board
1997 - 2010	Member, Surgical Chair Committee/Perioperative Services Committee
1997 - 2000	Member, Clinical Chair Committee
2000 - 2001	Member, International Relations Committee
2003 – 2005	Member, NYUHJD Merger Steering Committee
2012 - Present	Executive Steering Committee-OR Re-Engineering Project

#### **Hospital for Joint Diseases Appointments and Committees**

1994 - Present	Chairman, Department of Orthopaedic Surgery Hospital for Joint Diseases Orthopaedic Institute
1994 - Present	Surgeon-in-Chief Hospital for Joint Diseases Orthopaedic Institute
1994 - 1997	President, Medical Staff
1994 - 1997	Chairman, Executive Committee Hospital for Joint Diseases Orthopaedic Institute
1993 - 1997	Chairman, Graduate Medical Education Committee Hospital for Joint Diseases Orthopaedic Institute

1990 - 1994 Vice Chairman, Department of Orthopaedic Surgery  
Hospital for Joint Diseases Orthopaedic Institute

1990 - 1997 Director, Orthopaedic Surgery Residency Program  
Hospital for Joint Diseases Orthopaedic Institute

1990 - 1997 Chairman, Prosthesis Committee  
Hospital for Joint Diseases Orthopaedic Institute

1988 - 2000 Member, Executive Committee  
Hospital for Joint Diseases Orthopaedic Institute

1986 - 1998 Chief, Shoulder Service  
Hospital for Joint Diseases Orthopaedic Institute

1985 - 1996 Director, Geriatric Hip Fracture Program  
Hospital for Joint Diseases Orthopaedic Institute

1985 - 1991 Chairman, Collaborative Practice Committee  
Hospital for Joint Diseases Orthopaedic Institute

1984 - 1990 Assistant Chief, Center for Arthritis Management  
Hospital for Joint Diseases Orthopaedic Institute

1984 - 1997 Resident Selection Committee  
Hospital for Joint Diseases Orthopaedic Institute

**Professional Societies and Committees**

1994 Orthopaedic Trauma Association

1992, 1996 American Board of Orthopaedic Surgery  
Oral Examiner

1992 - Present American Orthopaedic Association

- 1993 - 1997 - Member, ABC Traveling Fellowship Exchange Committee
- 1999 - 2002 - Member, ABC Traveling Fellowship Exchange Committee
- 2003 - 2009 - Member, ABC Alumni Club Committee
- 2004 - 2005 - Member, Corporate Relations Committee
- 2005 - 2006 - Member, Investment Committee
- 2011 - 2015 - Chair, ABC Travelling Fellowship Committee
- 2011 - 2015 - Member, Exchange Fellowships Committee
- 2015- 2017 - Member, Development Committee

- 1991 - 1995 Orthopaedic Research and Education Foundation  
Member, Peer Review Grants Committee
- 1990 - 2002 S.I.C.O.T.
- 1988 - Present American Shoulder and Elbow Surgeons  
1991 - 1993 - Member, Exchange Fellowship Committee  
1994 - Member, Closed Meeting Program Committee  
1994 - 1996 - Member, Research Committee  
1996 - Chairman, Research Committee  
1995 - Member, Nominating Committee  
1995 - Member, Open Meeting Program Committee  
1996 - Member, Closed Meeting Program Committee  
1998 - Member, Nominating Committee  
1999 - Member, Open Meeting Program Committee  
1999-2001 - Member, Membership Committee  
2000-2002 - Member, Continuing Education committee  
2001-2002 - Chair, Membership Committee  
2002-2006 - Member, Executive Committee  
2002-2003 - President - Elect  
2003-2004 - President  
2004 - 2006 - Past President  
2010 - 2012 - Member, Committee on Value Analysis
- 1988 - Present New York Academy of Medicine  
1992 - 1993 - Secretary, Section of Orthopaedic Surgery  
1993 - 1994 - Chairman, Section of Orthopaedic Surgery  
2003 - 2005 - Member, Hoar Fellowship Selection Committee  
2007 - present - Member, Hoar Fellowship Selection Committee
- 1988 - Present American Academy of Orthopaedic Surgeons  
1992 - 1993 - Board of Directors, Member-at-Large  
1999 - 2005 - Board of Directors, Council Chair  
2003 - 2005 - Chair, Horizontal Integration Team  
2007 - 2011 - Member, Committee Appointments Program  
2007 - 2008 - Second Vice-President  
2008 - 2009 - Chair, Committee Appointments Program  
2008 - 2009 - First Vice-President  
2008 - 09, 10 - 11 - Member, Finance Committee  
2010 - 2011 - Chair, Compensation Committee  
2009 - 2010 - President  
2010 - 2011 - Immediate Past President  
2007 - 2011 - Board of Directors  
Committees:  
1989-1995 - Member, Subcommittee on Hip,  
Knee and Adult Reconstruction Evaluation  
1993 - 1999 - Member, Committee on Surgical Skills Education  
1995 - 1999 - Chairman, Committee on Surgical Skills Education  
1995 - Present - Member, Committee on Instructional Course Lectures  
1997 - 1998 - Chairman, Committee on Instructional Course Lectures  
1995 - 1999 - Member, Committee on Educational Programming

- 1995 - 1999 - Member, Council on Education
- 1999 - 2005 - Chairman, Council on Education
- 2007 - 2008 - Member, Council on Education
- 2007 - 2008 - Member, Council on Research, Quality Assessment and Technology
- 2008 - 2009 - Member, Communications Cabinet
- 2008 - 2009 - Member, Council on Advocacy
- 2013-2014 - Chair, Campaign Steering Committee
- 2015 – 2017 - Chair, Committee on Outside Interests
- Task Forces/Project Teams:
  - 1992 - 1993 - Member, Task Force on Surgical Skills Education
  - 1993 - 1994 - Member, AAOS/OREF Task Force Surgical Skills Education
  - 1993 - 1994 - Member, Task Force on Clinical Practice Algorithms (Hip)
  - 1995 - 1999 - Member, Task Force on Aging
  - 1997 - 1998 - Chairman, Task Force on CME 2001
  - 1998 - 1999 - Member, Task Force on Recertification Educational Resources
  - 1999 - Member, Task Force on Integrated Product Lines
  - 1999 - Member, Task Force on Health Care Education Initiatives
  - 2001 - Chair, Project Team on Knowledge, Experience and Interest Program
  - 2003 - Member, Health Policy Research Advisory Panel
  - 2003 – 2005 - Member, AAOS Bulletin Editorial Board

Orthopaedic Learning Center:

- 1996 - 2003 - Member, Board of Directors
- 2000 - 2001 - Secretary and Treasurer
- 2001 - 2002 - President

- 1987 Gerontological Society of America
- 1986 Orthopaedic Research Society
- 1986 American Rheumatism Association
- 1986 American Geriatrics Society
- 1984 New York State Society of Orthopaedic Surgeons

**Journal/Editorial Responsibilities**

*Essentials of Musculoskeletal Medicine*

- Member, Editorial Board (3<sup>rd</sup> Edition - 2004)
- American Academy of Orthopaedic Surgeons

*Orthopaedics Today*

- Member, Editorial Advisory Board (2003 - 2010)

*Steadmans Medical Dictionary*

- Associate Editor for Orthopaedics - 27<sup>th</sup> Edition - 2002
- Associate Editor for Orthopaedics - 28<sup>th</sup> Edition - 2005

*The Joint Letter*

- Executive Editor (1995-1998)

*Strategic Orthopaedics*

Editorial Board (1996-1998)

*Orthopaedic Knowledge Update: Shoulder & Elbow*

Editorial Board, American Academy of Orthopaedic Surgeons (1996-1997)

*Orthopaedic Knowledge Update V*

Editorial Board, American Academy of Orthopaedic Surgeons (1994-1996)

*Clinical Orthopaedics and Related Research*

Consultant Reviewer (1996-Present)

*Journal of Orthopaedic Trauma*

Consultant Reviewer (1996-Present)

Associate Editor (1996-97)

*Journal of Bone and Joint Surgery*

Consultant Reviewer (1991-Present)

Board of Associate Editors (1997-2000)

*Western Journal of Medicine*

Consultant Reviewer (1994-Present)

*Journal of Orthopaedic Research*

Consultant Reviewer (1993-Present)

*Bulletin of the Hospital for Joint Diseases*

Deputy Editor (1992-Present)

*Journal of Shoulder and Elbow Surgery*

Consultant Reviewer (1992 - present)

Associate Editor - Review Articles (1992-1997)

Member, Board of Trustees (1996-2002)

Treasurer, Board of Trustees (1999-2002)

Member, Board of Trustees (2005-2011)

Secretary, Board of Trustees (2005-2010)

*American Family Physician*

Consultant Reviewer (1992-Present)

*Arthritis and Rheumatism*

Consultant Reviewer (1990-2000)

*Orthopaedic Patient Education Resource Manual*

Editorial Advisory Board, Aspen Publishers, Inc. (1992-Present)

*Bone Health and Osteoporosis: A Report of the Surgeon General*

Contributing Author, Department of Health and Human Services (2004)

*Journal of the American Medical Association*

Consulting Reviewer (1992-present)

Orthopaedic Book Reviews (2008 - 2011)



**Grants**

Mary and David Hoar Fellowship - New York Academy of Medicine - Research in Musculoskeletal Trauma January 1986 - December 1986	\$30,000.00
Federation of Jewish Philanthropies - Outcome Analysis in Geriatric Hip Fracture Patients September 1986 - August 1987	\$34,000.00
Peter Feinberg Endowment Fund for Geriatric Education - Self-help Seminar for Senior Citizens April 1987	\$1,500.00
Morgan Guaranty Trust - Comprehensive Care of Geriatric Hip Fractures July 1987 - June 1988 July 1988 - June 1989	\$25,000.00 \$25,000.00
Booth-Ferris Foundation - Outcome Analysis of Geriatric Hip Fracture Patients July 1987 - June 1988 July 1988 - June 1989	\$50,000.00 \$50,000.00
Weininger Foundation - Development of Geriatric Activities Center May 1988	\$10,000.00
Sprague Foundation - Development of a Geriatric Activities Center June 1988	\$1,000.00
Leslie R. Samuels & Fan Fox Foundation - Development of a Geriatric Activities Center July 1989	\$40,000.00
Alan Kempner Memorial Fund - Development of a Geriatric Hip Fracture Protective Device January - December 1990	\$50,000.00
Reicher Foundation - Dynamic Evaluation of Shoulder Function Using Isokinetic Testing and Electromyographic Analysis July 1988 - June 1989 July 1989 - June 1990 July 1990 - June 1991	\$150,000.00 \$100,000.00 \$100,000.00
American Fracture Association - Biomechanical Evaluation of an Intramedullary Nail for Fractures of the Proximal Femur July 1990 - December 1990	\$3,000.00
Fan Fox & Leslie R. Samuels Foundation - Development of an Orthopaedic Urgent Care Center June 1, 1992 - May 30, 1993	\$440,000.00
Fan Fox & Leslie R. Samuels Foundation - Development of a Falls Evaluation Program April 1, 1992 - March 31, 1995	\$300,000.00
Pfizer Pharmaceuticals Group - "Survey of Decision Making Processes of Primary Care Physicians in the Treatment of Common Shoulder Ailments" December 1, 2001 - May 31, 2002	\$70,000.00
Smith and Nephew - "Development and Utilization of a Comprehensive Total Joint Registry" January 1, 1998 - December 31, 1998 January 1, 1999 - December 31, 1999 January 1, 2000 - December 31, 2000 January 1, 2001 - December 31, 2001	\$80,000.00 \$80,000.00 \$100,000.00 \$100,000.00

## Smith and Nephew - "Development and Utilization of a Comprehensive Total Joint Registry" (cont.)

January 1, 2002 - December 31, 2002	\$100,000.00
January 1, 2003 - December 31, 2003	\$100,000.00
January 1, 2004 - December 31, 2004	\$100,000.00
January 1, 2005 - December 31, 2005	\$100,000.00
January 1, 2006 - December 31, 2006	\$100,000.00

## Pfizer Pharmaceutical Group - "Survey of Decision Making Processes of Primary Care Physicians in the Treatment of Common Knee Ailments"

November 1, 2004 to April 30, 2005 \$50,000.00

## Inscope Orthopaedic Fellowship Award - "An Assessment of Glenohumeral Bone Defects and Shoulder Instability"

January 1, 2005 - June 30, 2005 \$20,000.00

**Continuing Medical Education Courses**International

- Faculty: 10<sup>th</sup> South American Conference on Surgery of the Shoulder and Elbow  
Belo Horizonte, Brazil, December 9-11, 2004.  
"Osteonecrosis of the Humeral Head"  
"The Influence of CA Arch Anatomy on Rotator Cuff Tears"  
"Chronic Glenohumeral Dislocations"  
"Hemiarthroplasty for Proximal Humeral Fractures"
- Faculty: Brazilian Orthopaedic Association - Annual Meeting, Porto Alegre, Brazil,  
November 13-15, 2008.  
"Reverse Total Shoulder Arthroplasty"  
"Anterior Glenohumeral Instability Associated with Bone Loss"
- Faculty: Israeli Orthopaedic Association - Jerusalem, Israel, November 17-19, 2008.  
"Orthopaedic Resident Education: From Bench to Bedside/  
Selection to Practice"  
"Geriatric Hip Fractures"  
"Reverse Total Shoulder Arthroplasty"
- Faculty: 56<sup>th</sup> South African Orthopaedic Association Congress  
Port Elizabeth, South Africa, August 30 - September 2, 2010.  
"Orthopaedic Residency Education in the United States"
- Faculty: 12<sup>th</sup> Meeting of the Combined Orthopaedic Associations  
Glasgow, Scotland, September 12-17, 2010.  
"Surgeon-Industry Relationships and the U.S. Department of Justice"  
"Difficult Proximal Humeral Fractures"  
"Training Within the 80 hour Work Week - Lessons for the USA"
- Faculty: Total Shoulder Arthroplasty: Trauma, Primary and Reverse  
Sheffield University, Sheffield, UK, September 14, 2010.  
"Evolution of the Reverse Prosthesis: Application to Treatment of Fractures"

7. Faculty: 70<sup>th</sup> Annual Scientific Meeting of the Australian Orthopaedic Association  
Adelaide, South Australia, October 10-14, 2010.  
“Reverse Total Shoulder Arthroplasty for Revision of Failed Shoulder Arthroplasty”  
“Anterior and Posterior Scapular Impingement Associated with Two Different Reverse Shoulder Designs”  
“Professionalism in Orthopaedic Residency Training – Can it be Taught?”
8. Faculty: 20<sup>th</sup> International Course on Osteoarticular Reconstruction Surgery  
Madrid, Spain, May 5-6, 2011.  
“Shoulder Arthroplasty After Fractures: Anatomic or Reverse”  
“Reverse Prosthesis in Acute Fractures: More Surgery to Obtain the Same Result?”  
“Clinical Approach to Total Shoulder Replacement: Operative Techniques”
9. Faculty: Master’s Course in Shoulder Arthroplasty  
Bordeaux, France, June 21-22, 2012.  
“Radiographic Analysis of Scapular Notching”  
“Total Shoulder Arthroplasty Through a Cuff Sparing Approach”
10. Co-Director: Transcontinental Masters Course in Shoulder Arthroplasty  
Rio de Janeiro, Brazil and Venice, Italy, April 3-4, 2014.  
“Glenohumeral anatomy: relevance to TSA”  
“Subscapularis preserving technique for TSA”
11. Faculty: Curso Interinstitucional de Cirurgia do Ombro e do Cotovelo  
Sao Paulo, Brazil, February 26-27, 2015  
“TSA: Safe and effective technique”  
“Subscapularis sparing total shoulder replacement”  
“RSA for proximal humeral fractures”
12. Faculty: Masters Course in Shoulder Arthroplasty  
Bordeaux, France, August 7-8, 2016  
“Fifteen Commandments of Leadership”  
“Managing Glenoid Defects with a TSA”  
“aTSA and rTSA in Young and Active Patients”  
“The Next 10 Years in Shoulder Arthroplasty”

National

1. Faculty: Principles of Intramedullary Nailing - AAOS Summer Institute, Boston, MA, September 19-20, 1983.
2. Faculty: Shoulder Disorders with Arthroscopy - AAOS Summer Institute, New York, NY, September 9-10, 1985.  
“The Bankart Procedure”
3. Faculty: Therapeutic Uses of Radiopharmaceuticals - Society of Nuclear Medicine - Instructional Course Lectures - Annual Meeting, Toronto, Canada, June 3, 1987.  
“Treatment of Inflammatory Arthritis with Radiopharmaceuticals”

4. Faculty: Shoulder Disorder with Arthroscopy - AAOS Summer Institute, Boston, MA, September 12-14, 1987.  
“Failed Rotator Cuff Repairs”  
“Proximal Humeral Replacement for Glenohumeral Arthritis”
5. Faculty: Topics in Sports Medicine and Rehabilitation - New York, NY, November 12, 1987.  
“Evaluation of the Unstable Shoulder”
6. Faculty: Them Ol’ Bones V - St. Luke’s Medical Center - Scottsdale, AZ., February 25-27, 1988.  
“Surgical Management of Geriatric Hip Fractures”
7. Faculty: Complications & Pitfalls of Sports Medicine Surgery - New York, NY, October 21-22, 1988.  
“Complications of Hardware About the Shoulder”  
“Failed Rotator Cuff Surgery”
8. Faculty: Periarticular Fractures in the Elderly - AAOS Summer Institute - Chicago, IL, September 13-14, 1989.  
“Overview of Fractures in the Elderly”  
“Treatment of Unstable Intertrochanteric Fractures”
9. Faculty: Anterior Cruciate Ligament, Patellofemoral and Shoulder Problems – New York, NY, October 13-14, 1989.  
“Evaluation of the Unstable Shoulder”
10. Faculty: Geriatrics Review Course - New York University School of Medicine, New York, NY, December 6-10, 1989.  
“Treatment of Geriatric Hip Fractures”
11. Faculty: Current Topics in Orthopaedic Surgery - University of Washington Continuing Medical Education, Seattle, WA, June 23-24, 1990.  
“Treatment of Geriatric Hip Fractures”
12. Faculty: The Future of Arthroscopy and Sportsmedicine - New York, NY, December 14-15, 1990.  
“Shoulder Instability: The Role of Arthroscopy”  
“Impingement and Rotator Cuff Disease”
13. Faculty: Annual Open Meeting of the Hip Society - Anaheim, CA, March 10, 1991.  
“Hip Fractures: Reducing Morbidity, Mortality and Cost by a Coordinated Approach”
14. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, April 6-10, 1991.  
“Fractures of the Shoulder and Humeral Shaft”
15. Faculty: Basic Arthroscopy and Sportsmedicine - Hospital for Joint Diseases, November 15-16, 1991.  
“Instability in the Athlete’s Shoulder”
16. Faculty: Geriatrics Review Course - New York University School of Medicine, New York, NY, December 9-13, 1991.  
“Hip Fractures in Geriatric Patients”

17. Faculty: Occupational Orthopaedics - American Academy of Orthopaedic Surgeons, New York, NY, December 8-10, 1991.  
“Occupational Shoulder Disorders”
18. Faculty: Instructional Course Lectures: The Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, D.C., February 21, 1992.  
“Fractures of the Scapula”
19. Faculty: Case Controversies: Fractures about the Shoulder, Annual Meeting of the Academy of Orthopaedic Surgeons, Washington, D.C., February 22, 1992.
20. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons, Chicago, IL, March 30 - April 3, 1992.  
“Fractures of the Shoulder and Humeral Shaft”
21. Faculty: Occupational Diseases - Quebec Orthopaedic Association, Montreal, Canada, November 21, 1992.  
“Occupational Shoulder Disorders”  
“Occupational Elbow Disorders”
22. Faculty: Current Shoulder Surgical Management - Summer Institute - American Academy of Orthopaedic Surgery, Seattle, WA, September 21-23, 1992.  
“Complications of Instability Surgery”
23. Faculty: Cost Effectiveness of Shoulder Diagnosis and Treatment - Symposium at Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 21, 1993.  
“Cost-Effectiveness of Total Shoulder Replacement”
24. Faculty: Instructional Course Lectures - Hip Fracture Update - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 21, 1993.  
“Intertrochanteric Hip Fractures”
25. Faculty: Instructional Course Lectures - The Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 19, 1993.  
“Fractures and Dislocations of the Clavicle”
26. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, March 21-26, 1993.  
“Fractures of the Shoulder and Humeral Shaft”
27. Faculty: The Shoulder: State of the Art - 1993 - American Academy of Orthopaedic Surgeons - Hawaii, March 31-April 4, 1993.  
“How I Treat Proximal Humerus Fractures”  
“Open Rotator Cuff Repairs”  
“The Scapula-Snapping, Winging, and Drooping”
28. Faculty: The Shoulder: Current Concepts- University of South Carolina - Continuing Medical Education, Charleston, SC, June 2-4, 1993.  
“Repair of Massive Rotator Cuff Tears”  
“Acromioclavicular and Sternoclavicular Joint Injuries”

29. Faculty: Current Shoulder Surgical Management - Summer Institute - American Academy of Orthopaedic Surgeons - New York, NY, September 9-11, 1993.  
“Anterior Instability: Treatment and Results”
30. Moderator: Mid-Week Session - Summer Institute - American Academy of Orthopaedic Surgeons - New York, NY, September 9, 1993.  
“Open vs. Arthroscopic Subacromial Decompression”
31. Faculty: Geriatrics Review Course - New York University School of Medicine - New York, NY, December 9-12, 1993.  
“Hip Fractures in Geriatric Patients”
32. Faculty: Management of Complex Fractures and Deformities of the Lower Extremity - Hospital for Joint Diseases, New York, NY, December 3-4, 1993.  
“Unstable Intertrochanteric Hip Fractures: Current Concepts”
33. Moderator: Instructional Course Lectures - “Cost Effective Patient Care” - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA, February 25, 1994.  
“Hospital-based Program to Reduce the Costs of Orthopaedic Implants”
34. Faculty: Instructional Course Lectures - Hip Fractures - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA, February 25, 1994.  
“Outcomes Following Hip Fracture”
35. Faculty: Consideration in the Cost of Total Joint Arthroplasty - Symposium at the Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA, February 25, 1994.  
“Control of Joint Implant Costs by Competitive Bid Purchasing”
36. Faculty: Complications of Instability Surgery - Symposium at the Annual Open Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA, February 27, 1994.  
“Complications of Open Anterior and Posterior Instability Surgery”
37. Faculty: Instructional Course Lectures - The Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA, February 28, 1994.  
“Cost-Effectiveness of Total Shoulder Replacement”
38. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, April 10-15, 1994.  
“Fractures of the Shoulder and Humeral Shaft”  
“Shoulder Reconstruction:
39. Chairman: Fractures of the Shoulder & Elbow - American Academy of Orthopaedic Surgeons San Diego, CA, May 17-19, 1994.  
“Fracture-Dislocations of the Proximal Humerus”  
“ORIF of Three-and Four-Part Fractures”  
“Scapula Fractures”  
“Humeral Shaft Fractures: Nonoperative Management

40. Faculty: Orthopaedic Surgery & Sports Medicine Seminar - Lloyd Nolan Hospital - Hilton Head, SC, July 21-23, 1994.  
“Treatment of Rotator Cuff Tears”  
“Unstable Intertrochanteric Hip Fractures”  
“Fractures of the Proximal Humerus”
41. Faculty: Summer Meeting of the Hip Society - New York, NY, September 9, 1994.  
“Development of a Functional Recovery Score for Geriatric Hip Fracture Patients”
42. Moderator: Mid-week Session - Summer Institute - American Academy of Orthopaedic Surgeons - Monterey, CA, September 11, 1994.  
“Open vs. Arthroscopic Shoulder Stabilization”
43. Faculty: Current Shoulder Surgical Management - Summer Institute - American Academy of Orthopaedic Surgeons - Monterey, CA, September 11-13, 1994.  
“Complications of Instability Surgery”
44. Faculty: Surgery of the Shoulder Including Arthroscopy - Orthopaedic Skills Course - American Academy of Orthopaedic Surgeons - Rosemont, IL, November 17-19, 1994.  
“Surgical Demonstration: Proximal Humeral Replacement for Four-Part Fractures”
45. Faculty: Instructional Course Lectures - Hip Reconstruction - Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL, February 17, 1994.  
“Hospital-based Program to Reduce the Costs of Orthopaedic Implants”
46. Faculty: Instructional Course Lectures - Hip Fractures - Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL, February 20, 1994.  
“Functional Outcomes Following Hip Fractures”
47. Moderator: Instructional Course Lectures - “Cost Effective Patient Care” - Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL, February 17, 1994.  
“Competitive Bidding to Reduce the Cost of Orthopaedic Implants”
48. Faculty: Instructional Course Lectures - The Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL, February 20, 1994.  
“Cost-effectiveness of Total Shoulder Replacement”
49. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, March 19-24, 1995.  
“Fractures of the Shoulder and Humeral Shaft”  
“Shoulder Reconstruction”
50. Faculty: Comprehensive Shoulder Review Course - American Academy of Orthopaedic Surgeons - Washington, D.C., April 28-30, 1995.  
“Axillary Nerve Injuries: Etiology and Management”  
“One-Part Proximal Humerus Fractures”  
“Treatment of Three-Part Proximal Humerus Fractures”
51. Faculty: Post-Traumatic Deformities - American Academy of Orthopaedic Surgeons - Orthopaedic Learning Center, July 28-30, 1995.  
“Proximal Humeral Replacement for Post-Traumatic Arthritis”



52. Faculty: Treatment of Post-Traumatic Deformities - Orthopaedic Skills Course - American Academy of Orthopaedic Surgeons - Rosemont, IL, July 28-30, 1995.  
“Prosthetic Replacement for Post-traumatic Arthritis of the Shoulder”  
“Surgical Demonstrations: Proximal Humeral Replacement for Four-Part Fractures”
53. Co-Chairman: Top Ten Orthopaedic Procedures - Summer Institute - American Academy of Orthopaedic Surgeons - Boston, MA, September 8-9, 1995.  
“Economic Issues of Commonly Performed Orthopaedic Surgical Procedures”
54. Faculty: Surgery of the Shoulder - Summer Institute - American Academy of Orthopaedic Surgeons - Boston, MA, September 10-12, 1995.  
“Complications of Instability Surgery”
55. Faculty: Symposium on Modularity of Orthopaedic Implants - Annual meeting of ASTM - Norfolk, VA, November 8, 1995.  
“Clinical Considerations in the Use of Modularity in Total Shoulder Arthroplasty”
56. Faculty: Arthroscopic and Open Surgery of the Shoulder: The Debate Continues - Orthopaedic Skills Course - American Academy of Orthopaedic Surgeons - Rosemont, IL, November 11-13, 1995.  
“Diagnosis of Glenohumeral Arthritis”
57. Faculty: Instructional Course Lectures - The Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - Atlanta, GA, February 23, 1996.  
“Outcomes Following Total Shoulder Replacement”
58. Faculty: Instructional Course Lectures - Primary Total Hip Arthroplasty - Containing Cost - Annual Meeting of the American Academy of Orthopaedic Surgeons - Atlanta, GA, February 23 1996.  
“Competitive Bidding to Reduce the Cost of Orthopaedic Implants”
59. Moderator: Instructional Course Lectures - Cost Effective Patient Care - Annual Meeting of the American Academy of Orthopaedic Surgeons - Atlanta, GA, February 24, 1996.  
“Hospital-based Program to Reduce the Costs of Orthopaedic Implants”
60. Moderator: Symposium - Complex Proximal Humeral Fractures - Annual Meeting of the American Academy of Orthopaedic Surgeons - Atlanta, GA, February 26, 1996.  
“Indications and Techniques of Proximal Humeral Replacement”
61. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Rosemont, IL, March 17-22, 1996.  
“Fractures of the Shoulder and Humeral Shaft”  
“Shoulder Reconstruction”  
“Rotator Cuff and Impingement”  
“Shoulder Instability”  
“AC & SC Joint Problems”
62. Faculty: Surgery of the Shoulder - Orthopaedic Skills Course - American Academy of Orthopaedic Surgeons - Rosemont, IL, April 19-21, 1996.  
“Open Rotator Cuff Repair”



63. Faculty: Annual Upper Extremity Update - University of Toronto - Toronto, Ontario, March 29, 1996.  
“Proximal Humeral Replacement for Complex Proximal Humeral Fractures”  
“Relationship of Coracoacromial Arch Anatomy in Rotator Cuff Repairs”  
“Complications of Anterior Instability Surgery”
64. Faculty: Practical Techniques for Treatment of Athletic Injuries - Summer Institute - American Academy of Surgeons - San Diego, CA, September 11-12, 1996.  
“Anterior Instability Repair: The Humeral Side”
65. Faculty: Techniques in Shoulder Surgery: The Old vs. The New - Summer Institute - American Academy of Surgeons - San Diego, CA, September 10-12, 1996.  
“Open Acromioplasty and Rotator Cuff Repair”
66. Co-Chairman: Top Ten Orthopaedic Procedures - Summer Institute - American Academy Orthopaedic Surgeons- San Diego, CA, September 8-9, 1996.  
“Economic Issues”
67. Faculty: Instructional Course Lectures - Femoral Neck Fractures - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 17, 1997.  
“Functional Outcomes After Hip Fracture”
68. Faculty: Instructional Course Lectures - Primary Total Hip Arthroplasty Optimizing Outcome While Containing Cost - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 15, 1997.  
“Competitive Bidding to Reduce the Cost of Orthopaedic Implants”
69. Faculty: Instructional Course Lectures - Management of Proximal Humerus Fractures: Current Trends - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 14, 1997.  
“Complications of Proximal Humeral Replacement”
70. Moderator: Instructional Course Lectures - Cost-Effective Patient Care - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 13, 1997.  
“Hospital-based Program to Reduce the Costs of Orthopaedic Implants”
71. Moderator: Symposium - Management of Complex Proximal Humeral Fractures - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 13, 1997.  
“Complications of Proximal Humeral Replacement”
72. Faculty: Orthopaedic Surgery Update - Campbell Clinic - Marco Island, FL, January 16-19, 1997.  
“Proximal Humeral Replacement”  
“Orthopaedic Implants in the Current Healthcare Environment”
73. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, March 9-14, 1997.  
“Fractures of the Shoulder and Humeral Shaft”  
“Shoulder Reconstruction”  
“Rotator Cuff and Impingement”  
“Shoulder Instability”  
“AC & SC Joint Problems”

74. Faculty: Current Concepts in Hip Trauma and Reconstructive Surgery - New York Medical College Orthopaedic Symposium - Tarrytown, NY, May 8-9, 1997.  
“Treatment of Intertrochanteric Hip Fractures”
75. Faculty: Current Techniques for Treatment of Common Athletic Injuries - Summer Institute - American Academy of Orthopaedic Surgeons - Washington, D.C., September 6-7, 1997.  
“Multi-Directional Instability”
76. Faculty: Techniques in Shoulder Surgery: A Comprehensive Review - Summer Institute - American Academy of Orthopaedic Surgeons - Washington, D.C., September 3-5, 1997.  
“Complications of Instability Surgery”
77. Co-Chairman: The “Top Ten” Orthopaedic Procedures - Summer Institute - American Academy of Orthopaedic Surgeons - Washington, D.C., September 3-4, 1997.  
“Economic Issues”
78. Faculty: Comprehensive Review Course for Orthopaedic Surgeons - American Academy of Orthopaedic Surgeons - Chicago, IL, May 10-16, 1998.  
“Fractures of the Shoulder and Humeral Shaft”  
“Shoulder Reconstruction”  
“Rotator Cuff and Impingement”  
“Shoulder Instability”  
“AC & SC Joint Problems”
79. Faculty: Comprehensive Shoulder Review Course - ASES/AAOS Combined Meeting - Kiawah Island, SC, April 23-26, 1998.  
“Management of Scapula Fractures”
80. Faculty: Symposium - Annual Meeting - “Osteoporosis and the Orthopaedic Surgeon: Recent Advances in Suppression and Treatment” - American Academy of Orthopaedic Surgeons - New Orleans, LA, March 23, 1998.  
“Management of Osteoporotic Hip Fractures”
81. Faculty: Instructional Course Lectures - Annual Meeting - “Hip Fractures” - American Academy of Orthopaedic Surgeons - New Orleans, LA, March 23, 1998.  
“Femoral Neck Fractures”
82. Moderator: Instructional Course Lecture Dinner - Annual Meeting - American Academy of Orthopaedic Surgeons - New Orleans, LA, March 21, 1998.  
“Quiz Show - Orthopaedic Style”
83. Faculty: Instructional Course Lectures - Proximal Humerus Fractures - Annual Meeting - American Academy of Orthopaedic Surgeons - New Orleans, LA, March 21, 1998.  
“Complications of Humeral Head Replacement for Fractures”
84. Moderator: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - New Orleans, LA, March 19, 1998.  
“Acromioclavicular and Sternoclavicular Joint Injuries”

85. Faculty: “Current Techniques for Treatment of Common Athletic Injuries” - Summer Institute - American Academy of Orthopaedic Surgeons - Rosemont, IL, September 9-10, 1998.  
“Acromioclavicular Joint Injuries”
86. Faculty: Techniques in Shoulder Surgery: A Comprehensive Review - Summer Institute - American Academy of Orthopaedic Surgeons - Rosemont, IL, September 9-11, 1998.  
“Acromioclavicular Joint Dislocations and Lateral Clavicle Fractures: Indications and Techniques”
87. Faculty: The Top Ten Orthopaedic Procedures - Summer Institute - American Academy of Orthopaedic Surgeons - Rosemont, IL, September 12-13, 1998.  
“Implants for Intertrochanteric Fractures: Decision Making”
88. Moderator: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 4, 1999.  
“Acromioclavicular and Sternoclavicular Joint Injuries”
89. Faculty: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 4, 1999.  
“Management of Osteoporotic Hip Fractures”
90. Moderator: Instructional Course Lectures - Annual Meeting - “Fractures in the Elderly” - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 5, 1999.  
“Management of Complex Hip Fractures”
91. Faculty: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 5, 1999.  
“Proximal Humerus Fractures - Current Trends”
92. Faculty: Symposium - Annual Meeting - “Osteoporosis and the Orthopaedic Surgeon: Recent Advances in Diagnosis and Treatment” - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 6, 1999.  
“Management of Osteoporotic Hip Fractures”
93. Faculty: Instructional Course Lectures - Annual Meeting - “Management of Intertrochanteric and Subtrochanteric Fractures” - American Academy of Orthopaedic Surgeons - Anaheim, CA, February 6, 1999.  
“Postoperative Care and Rehabilitation”
94. Faculty: Principles of Rehabilitation and Sports Medicine - NYU Continuing Medical Education - New York, NY, December 8, 1999.  
“Athletic Activity After Total Joint Replacement”
95. Faculty: American Shoulder & Elbow Surgeons - Annual Meeting - Philadelphia, PA, October 19-21, 1999.
96. Faculty: American Shoulder & Elbow Therapists - Annual Meeting - Philadelphia, PA, October 19, 1999.  
“Frozen Shoulder”
97. Moderator: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Orlando, FL, March 15, 2000.  
“Acromioclavicular and Sternoclavicular Joint Injuries”

98. Faculty: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Orlando, FL, March 15, 2000.  
“Management of Osteoporotic Hip Fractures”
99. Faculty: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Orlando, FL, March 16, 2000.  
“Proximal Humerus Fractures - Current Trends”
100. Faculty: Instructional Course Lectures - Annual Meeting - American Academy of Orthopaedic Surgeons - Orlando, FL, March 16, 2000.  
“Complications of Humeral Head Replacement for Fractures”
101. Faculty: Second Biannual Shoulder and Elbow Meeting - AAOS/ASES - Miami Beach, FL, May 4-7, 2000.  
“Glenoid Fossa and Scapula Fractures”  
“The Stiff Shoulder and Scapula ROM” (Moderator)
102. Moderator: Instructional Course Lectures - Shoulder Arthroplasty: Current Techniques - Annual Meeting - American Academy of Orthopaedic Surgeons - San Francisco, CA, March 1, 2001.  
“Indications and Preoperative Considerations”
103. Faculty: Instructional Course Lectures - Proximal Humeral Fractures I: Alternative to Arthroplasty - Annual Meeting - American Academy of Orthopaedic Surgeons - San Francisco, CA, March 1, 2001.  
“Fracture Classification and Radiographic Evaluation”
104. Moderator: Instructional Course Lectures - Shoulder Arthroplasty: Current Techniques - Annual Meeting - American Academy of Orthopaedic Surgeons - Dallas, TX, February 13, 2002.  
“Indications and Preoperative Considerations”
105. Faculty: Symposium - “Controversies in the Operative Treatment of Hip Fractures” - Annual Meeting - American Academy of Orthopaedic Surgeons - Dallas, TX, February 14, 2002.  
“Prosthetic Replacement for Acute Femoral Neck Fractures”
106. Faculty: Third Biannual Shoulder and Elbow Meeting - AAOS/ASES - Orlando, FL, April 4-7, 2002.  
“Evaluation, Classification and Nonoperative Management of Proximal Humerus Fractures”  
“Scapula and Glenoid Fractures”
107. Moderator: American Geriatrics Society - Symposium - Washington, DC., May 10, 2002.  
“The National Consensus Conference on Improving the Care for Patients with Hip Fracture”
108. Co-Chair: Second Annual OREF New York Metropolitan Area Resident Research Symposium - New York, NY., May 22, 2002
109. Faculty: CME Courses - “Current Concepts in Shoulder Reconstruction Surgery” - New York Medical College - Rye, NY., October 24-25, 2002.  
“Prosthetic Replacement for Proximal Humerus Fractures”  
“Current Concepts in Osteonecrosis of the Shoulder”

110. Moderator: American Academy of Orthopaedic Surgeons Symposium - Annual Meeting - New Orleans, LA., - February 5, 2003.  
“Hip Fractures in the Elderly: An International Crisis”
111. Moderator: Instructional Course Lectures - Shoulder Arthroplasty: Current Techniques - Annual Meeting - American Academy of Orthopaedic Surgeons - New Orleans, LA., - February 6, 2003.  
“Indications and Preoperative Considerations”
112. Co-Chair: Symposium - “Recent Innovations in Orthopaedic Surgery” - New Orleans, LA, February 6, 2003.
113. Co-Chair: Symposium - “Recent Innovations in Orthopaedic Surgery” - San Francisco, CA, March 10, 2004.
114. Moderator: Instructional Course Lectures - Proximal Humeral Fractures II: Arthroplasty and Management of Complications - Annual Meeting - American Academy of Orthopaedic Surgeons - San Francisco, CA, March 11, 2004.  
“Complications of Proximal Humeral Replacement”
115. Faculty: Biennial Comprehensive Shoulder and Elbow Course - ASES/AAOS - Monterey, CA, October 16-17, 2004.  
“Proximal Humeral Fractures: Evaluation, Classification and Nonoperative Management”  
“Scapula and Glenoid Fractures”
116. Faculty: Dale Daniel, M.D. Orthopaedic Symposium - Kaiser Permanente - Indian Wells, CA, January 28-29, 2005.  
“Evidence-based Management of Hip Fractures in the Elderly”
117. Faculty: Fewer Hours, Better Patient Care? : Responding to the Limitations on Resident Work Hours - Annual Meeting - American Academy of Orthopaedic Surgeons - Washington, D.C., February 24, 2005.  
“Changes Made by Larger Training Programs”
118. Faculty: Current Concepts in Reconstructive Shoulder Surgery - Rye, NY, October 20-26, 2005.  
“Evaluation, Natural History of Impingement Syndrome and Rotator Cuff Repair”
119. Co-Chair: Biennial Comprehensive Shoulder & Elbow Course - AAOS/ASES - Orlando, FL, April 6-9, 2006.  
“Humeral Exposure and Reconstruction”
120. Faculty: Current Concepts in Joint Replacement - Current Concepts Institute - Las Vegas, NV, May 21-24, 2006.  
“Cementless Humeral Component Fixation”  
“Total Shoulder Arthroplasty: Replicating the Anatomy”  
“Prosthetic Replacement for Fracture Sequelae”
121. Faculty: Geriatric Trauma Summit - University of Minnesota Medical School, Minneapolis, MN, September 6-8, 2007.  
“Evidence-based medicine: research in geriatric orthopaedics”  
“Evolution of Proximal Humerus Fracture Care”  
“Shoulder Arthroplasty for Proximal Humerus Fracture”

122. Faculty: Top Ten Orthopaedic Controversies - American Academy of Orthopaedic Surgeons - New York, NY, September 8, 2007.  
“Proximal Humerus Fractures”
123. Faculty: NYU Sports Medicine Imaging Course - May 16-18, 2008.  
“Glenohumeral Arthritis and Prosthetic Replacement: Pathology and Implant Selection”
124. Faculty: Traps and Tricks: Shoulder and Elbow - AOA/COA Combined Meeting - Quebec City, Canada, June 6, 2008.  
“Hemiarthroplasty for Proximal Humerus Fracture”
125. Faculty: 3<sup>rd</sup> Annual Orthopaedic Practice Management: Building Essential Skills for a Successful Practice - American Academy of Orthopaedic Surgeons - Washington, D.C. - October 17-19, 2008.  
“Importance of Practice Management in Orthopaedics”  
“Academic Faculty Practice”
126. Faculty: 30<sup>th</sup> Annual ASBMR Annual Meeting - Symposium - Montreal, Canada – September 14, 2008.  
“Osteoporosis Quality Measures: An Orthopaedic Perspective”
127. Faculty: Chicago Trauma Symposium - Chicago, IL, July, 31, 2009.  
“AAOS Update: 2009-10”
128. Faculty: Shoulder and Elbow Symposium - Annual Meeting of the American Osteopathic Academy of Orthopaedics - Boston, MA, October 9, 2009.  
“Shoulder Arthroplasty: Evolution of Prosthetic Design to Current State of the Art”
129. Moderator: Proximal Humeral Fractures: A Case-based Symposium - Annual Closed Meeting of the American Shoulder and Elbow Surgeons - New York, NY, October 25, 2009.
130. Moderator: AAOS Symposium on Health Care Reform - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA - March 10, 2010.  
“AAOS Activities: Coalition Building, Calls-to-action and Other Initiatives”
131. Moderator: Instructional Course Lectures - Improving Orthopaedic Resident Success During Training: Selecting and Training the Best - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA - March 12, 2010.  
“Interview Strategies”
132. Moderator: The Orthopaedic Surgeon and Industry Relationship: Evolution or Revolution? - Symposium - Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA - March 12, 2010.  
“Introduction and Review of Recent Events”  
“Perspective of an Orthopaedic Chair and Educator”
133. Faculty: Sports Medicine Imaging State of the Art: A Collaborative Course for Radiologists and Sports Medicine Specialists - NYU School of Medicine Department of Radiology - New York, NY - May 24-26, 2010.  
“Important Surgical Anatomy with Gross Dissection and Imaging Correlations”
134. Faculty: Current Concepts in the Treatment of Rotator Cuff Tears - NYU Hospital for Joint Diseases - New York, NY - November 6, 2010.  
“Arthroplasty for Rotator Cuff Deficiency”



135. Faculty: Foundation for Orthopaedic Research and Education - Current Solutions in Shoulder and Elbow Surgery - Tampa, FL, July 21-23, 2011.  
“Proximal Humerus Fractures: Basic Principles and Pitfalls”  
“Complex Proximal Humerus Fractures in the Elderly: Hemi vs. Reverse Arthroplasty”
136. Faculty: Ask an Expert: Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Diego, CA, February 16, 2011.  
“Problems Around the Shoulder: A Cased-based Presentation”
137. Moderator: Institutional Course Lecture – Improving Orthopaedic Resident Success During Training: Selecting and Training the Best - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Diego, CA, February 17, 2011.  
“Interview Strategies”
138. Faculty: Institutional Course Lecture – Revision Shoulder Arthroplasty: Indications, Techniques and Results - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Diego, CA - February 18, 2011.  
“Component Loosening in Shoulder Arthroplasty”
139. Faculty: NYU’s Sports Medicine Imaging: State of the Art 2011 - NYU School of Medicine Department of Radiology - New York, NY, May 23-25, 2011.  
“Important Surgical Anatomy with Gross Dissection and Imaging Correlations”  
“Rotator Cuff Pathology: When is Imaging Worthwhile, What Do I Need to Know and What are My Surgical Options?”
140. Faculty: Prevention, Diagnosis and Treatment of Total Joint Infection - NYU School of Medicine - Department of Orthopaedic Surgery - New York, NY, October 14, 2011.  
“AAOS Guidelines in Perioperative Infection”
141. Faculty: AAOS Top Ten Orthopaedic Controversies - American Academy of Orthopaedic Surgeons - New York, NY, October 15, 2011.  
“Prosthetic Replacement for Rotator Cuff Arthropathy”
142. Course Director: State of the Art Shoulder Arthroplasty: Expanding Indications and Techniques - NYU School of Medicine - Department of Orthopaedic Surgery – New York, NY, November 5, 2011.  
“Evolution of Non-constrained Prosthetic Designs”  
“Rehabilitation Following TSA: Principles and Guidelines”
143. Faculty: Ask an Expert - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 8, 2012.  
“Challenging Shoulder Problems”
144. Faculty: Revision Shoulder Arthroplasty - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 8, 2012.  
“Component Loosening in Shoulder Arthroplasty”
145. Faculty: What Went Wrong and What to Do About It: Pitfalls in Common Shoulder Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 9, 2012.  
“Hemiarthroplasty for Four-Part Fractures”

146. Moderator: Selecting and Training the Best: Strategies for Improving Orthopaedic Resident Success - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 10, 2012.  
“Interview Strategies: How to Maximize the Interview”
147. Moderator: Poster Tours: Shoulder - Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA, February 10, 2012.
148. Faculty: NYU’s Sports Medicine Imaging State of the Art 2012 - NYU School of Medicine - New York, NY, May 21-23, 2012.  
“Important Anatomy of the Shoulder: Gross Dissection, Arthroscopy and Imaging Correlations”
149. Faculty: Las Vegas Shoulder Course - International Congress for Joint Replacement - Las Vegas NV, September 13-15, 2012.  
“Preoperative Evaluation for Total Shoulder Arthroplasty”  
“Open Rotator Cuff Repair in 2012”  
“Biceps Tenotomy vs. Tenodesis”
150. Moderator: Value-Driven Shoulder and Elbow Care - Symposium - Closed Meeting of the American Shoulder and Elbow Surgeons - Sea Island, GA, October 13, 2012.
151. Faculty: Update on Joint Reconstruction Surgery - Cleveland Clinic Florida - Fort Lauderdale, FL, October 19-21, 2012.  
“Rotator Cuff Arthropathy”
152. Faculty: Current Solutions in Shoulder and Elbow Surgery - Tampa, FL, January 11-13, 2013.  
“Decision-Making: Proximal Humeral Fractures – fix, hemi or reverse”  
“Economic Rationale for Treatment of Proximal Humerus Fractures”  
“Principles of Leadership”  
“How I Do a PHR and RTSA for Proximal Humerus Fractures”
153. Faculty: Revision Shoulder Arthroplasty - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - Chicago, IL, March 19, 2013.  
“Component Loosening in Shoulder Arthroplasty”
154. Faculty: The AAOS Professional Compliance Program - Symposium - Annual Meeting of the American Academy of Orthopaedic Surgeons - Chicago, IL, March 20, 2013.  
“PCP Experience: Summary of Cases, Costs and Integration”
155. Moderator: Measuring Quality in Orthopaedic Surgery - Symposium - Annual Meeting of the American Academy of Orthopaedic Surgeons - Chicago, IL, March 20, 2013.  
“Health Care in 2013”
156. Faculty: Ask an Expert - Annual Meeting of the American Academy of Orthopaedic Surgeons – Chicago, IL, March 21 & 22, 2013  
“Challenging Shoulder Problems”
157. Moderator: The Art of Teaching Orthopaedic Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - Chicago, IL, March 22, 2013.  
“Didactic Education in Orthopaedic Residency”
158. Faculty: What Went Wrong and What to Do About It: Pitfalls in Common Shoulder Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons - Chicago, IL, March 22, 2013.  
“Hemiarthroplasty for Four-Part Fractures”



159. Faculty: San Diego Shoulder Course - San Diego Shoulder Institute - San Diego, CA, June 12-13, 2013.  
“How I Plan a Shoulder Arthroplasty”  
“How to Revise a TSA and RTSA”
160. Faculty: Shoulder Reconstruction 2013: State of the Art and Science - ICJR, Las Vegas, NV, November 14-16, 2013  
“Case Presentation: TSA”  
“Options for treating osteoarthritis in young patients”  
“Reverse TSA: How to handle the humerus”  
“What would you do? Case-based presentations”
161. Course Co-Director: State of the Art Shoulder Arthroplasty - NYU School of Medicine - Department of Orthopaedic Surgery, New York, NY, November 16, 2013  
“Advances in TSA: an overview of current options”  
“Management of Perioperative Shoulder Infection”
162. Course Co-Chair: Master’s Course in Shoulder Arthroplasty - Denver, CO, August 1-2, 2013  
“Subscapularis Preserving techniques for TSA”
163. Faculty: Current Solutions in Shoulder and Elbow Surgery - Foundation for Orthopaedic Research and Education, Tampa, FL, January 16-19, 2014  
“Decision-making: which fractures are operable?”  
“Bone graft augmentation in ORIF”  
“Hemi vs. RTSA for fracture”
164. Faculty: AAOS Poster Tour: Shoulder and Elbow - Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 12, 2014
165. Faculty: Pitfalls in Common Shoulder Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 13, 2014  
“PHR + RTSA for fracture: what went wrong and how to fix it”
166. Moderator: The Art of Teaching Orthopaedic Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 14, 2014  
“Didactic Education in Orthopaedic Residency”
167. Faculty: Ask an Expert - Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 14, 2014  
“Challenging Shoulder Cases”
168. Faculty: Orthopaedic Update 2014 - University of British Columbia and BC Orthopaedic Association, May 1-2, 2014  
“Morton Lecture: ‘Applying Quality Principles to Orthopaedic Surgery’ “  
“New Approaches to Resident Education”
169. Co-Director: Fellows Course in Shoulder Arthroplasty – New York, NY, September 26-27, 2014  
“Infections: Prevention and treatment in TSA and RTSA”  
“Revisions of TSA and RTSA: Humeral and Glenoid Considerations”

170. Faculty: Principles of Orthopaedic Leadership - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24, 2015
171. Faculty: Implementing Bundled Payment Initiatives for Total Joint Replacement: Decreasing Cost and Increasing Quality - AAOS Symposium - Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 26, 2015  
“An Academic Medicine Center’s Decision to Pursue BPI: An Overview”
172. Moderator: The Art of Teaching Orthopaedic Surgery - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 26, 2015  
“Didactic Education in Orthopaedic Residency”
173. Moderator: Pitfalls in the operative management of common shoulder problems - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 26, 2015  
“Arthroplasty for Proximal Humerus Fractures”
174. Faculty: Masters Course in Shoulder Arthroplasty - San Francisco, CA, August 6-7, 2015  
“Fifteen Commandments of Leadership”  
“aTSA and rTSA in Young and Active Patients”  
“The Next 10 Years in Shoulder Arthroplasty”
175. Course Co-Director: Fellows Course in Shoulder Arthroplasty – New York, NY, September 25-26, 2015  
“TSA Through Cuff Sparing Approach”
176. Faculty: Orthopaedic Summit 2015 - Las Vegas, NV, December 3-4, 2016  
“Reverse Shoulder Arthroplasty: My Way”  
“TSA: Please Show Me The Glenoid”  
“The Future of shoulder Surgery: Are We Becoming a High Cost – Low Value Specialty”
177. Faculty: Current Solutions in Shoulder and Elbow Surgery - Tampa, FL, February 5-7, 2016  
“The Economics of Proximal Humerus Fractures”
178. Moderator: Pitfalls in the Operative Management of Common Shoulder Problems - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1, 2016  
  
“Arthroplasty for Proximal Humerus Fractures”
179. Faculty: Principles of Orthopaedic Leadership - Instructional Course Lecture - Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1, 2016

180. Faculty: Ask An Expert - Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 4, 2016  
“Complex Shoulder Problems”

Regional

1. Case Coordinator: Current Problems in Pediatric Orthopaedics - Children’s Orthopaedic Hospital and Medical Center, Seattle, WA, August 20-21, 1981.
2. Faculty: Current Concepts in Total Knee Replacement - Hospital for Joint Diseases, New York, NY, December 15, 1984.  
“State of the Art in Cemented Knee Replacement”
3. Faculty: Advances in Arthritis Surgery - Hospital for Joint Diseases, New York, NY, June 22, 1985
4. Faculty: Therapies in Nuclear Medicine - Missouri Valley Chapter of the Society of Nuclear Medicine, Kansas City, MO., September 12-14, 1986.  
“Radiation Synovectomy”
5. Chairman: The Unstable Shoulder - Hospital for Joint Diseases, New York, NY, April 9, 1988.  
“Surgical Management of Anterior Instability - Capsular Repairs”
6. Faculty: Topics in Geriatric Rehabilitation - Hospital for Joint Diseases, New York, NY, October 14-15, 1988.  
“Treatment of Orthopaedic Injuries in the Elderly”
7. Faculty: Beyond Primary Hip and Knee Arthroplasty - Garden City, NY, October 22, 1988.  
“Total Hip Arthroplasty Following Osteotomy and Internal Fixation”  
“Management of Infected Total Knee Arthroplasty”
8. Faculty: Geriatric Rehabilitation - Sunnyview Rehabilitation Hospital, Schenectady, NY, November 9-11, 1988.  
“Management of Hip Fractures in Geriatric Patients”
9. Faculty: Impingement Syndrome and Rotator Cuff Tears - New York Orthopaedic Hospital, New York, NY, April 15, 1989.  
“Anatomy and Physical Diagnosis of Impingement Syndrome”
10. Faculty: Osteoarthritis: Medical and Surgical Management - New York Arthritis Association, New York, NY, May 12, 1989.  
“Principles of Surgical Management of Osteoarthritis”
11. Faculty: Current Concepts in Shoulder Arthroplasty - Hospital for Special Surgery, New York, NY, May 5, 1990.  
“Indications for Total Shoulder Arthroplasty”
12. Chairman: Fractures About the Shoulder - Hospital for Joint Diseases, New York, NY, March 30, 1991.
13. Faculty: Fracture Problems and Problem Fractures - Hospital for Joint Diseases, New York, NY, November 23, 1991.  
“Treatment of Three-and Four-Part Fractures of the Proximal Humerus”

14. Faculty: Multidisciplinary Challenges of Geriatric Care - New York Academy of Medicine, New York, NY, March 20, 1992.  
“Surgical Management of Arthritis in a Geriatric Patient”
15. Faculty: Philadelphia Shoulder Course - University of Pennsylvania - Philadelphia, PA, June 11-12, 1992.  
“Management of Proximal Humerus Fractures”  
“Complications of Instability”
16. Faculty: Meadowlands Sports Care Sportsmedicine Seminar - Meadowlands, NJ, December 4-5, 1992.  
“Impingement in the Young Athlete”
17. Faculty: Fracture Problems & Problem Fractures -Hospital for Joint Diseases, New York, NY., November 13, 1993.  
“Unstable Intertrochanteric Hip Fractures”
18. Faculty: Diagnostic Dilemmas and Therapeutic Challenges in Shoulder Surgery - Hospital for Special Surgery - New York, NY, April 23, 1994.  
“Complications of Stabilization Surgery”
19. Co-Chairman: Fracture Problems, Problem Fractures and Their Solutions - Hospital for Joint Diseases, September 23, 1995.
20. Co-Chairman: Current Trends in Shoulder and Elbow Surgery - Hospital for Joint Diseases, May 10, 1996.
21. Co-Chairman: Fracture Problems, Problem Fractures and Their Solutions - Hospital for Joint Diseases, November 15, 1997.
22. Faculty: Connecticut State Orthopaedic Society - Annual Meeting, New Haven, CT, September 24, 1999.  
“Humeral Head Replacement for Proximal Humerus Fractures”  
“Shoulder Arthroplasty”
23. Faculty: Old Bones and Joints 2 - Montreal Jewish Hospital - McGill University, Montreal, March 29-30, 2001.  
“Principles of Treatment of the Elderly Orthopaedic Patient”  
“Predictors of Outcome in the Geriatric Hip Fracture Patient”  
“Proximal Humerus Fractures”
24. Faculty: Controversies in Orthopaedic Surgery - New York State Society of Orthopaedic Surgeons, New York, NY, November 1, 2003.  
Moderator: Four-part Shoulder Fracture: Fix or Replace
25. Faculty: Orthopaedic Injuries Presenting to the Emergency Department - NYU School of Medicine Continuing Education, New York, NY, April 1, 2005.  
“Common Pitfalls in the Evaluation of Orthopaedic Problems in the Emergency Department”
26. Faculty: Orthopaedic Injuries Presenting to the Emergency Department - NYU School of Medicine Continuing Education, New York, NY, April 7, 2006.  
“Common Pitfalls in the Evaluation of Orthopaedic Problems in the Emergency Department”

27. Speaker: Bear-Stearns 19<sup>th</sup> Annual Healthcare Conference - New York, NY, September 11, 2006.  
“Orthopaedic Pricing and Volume Dynamics: Perspectives from High Volume Orthopaedic Centers”
28. Faculty: Shoulder Instability: Open and Arthroscopic Techniques - Metropolitan Shoulder Symposium - NYU Hospital for Joint Diseases, New York, NY, September 30, 2006.  
“Treatment of Instability Associated with Bone Deficiency”
29. Faculty: Western Orthopaedic Association Oregon Chapter - Fall Meeting - Trauma Gleneden Beach, OR - November 9-11, 2007.  
“AAOS Update”  
“Displaced Proximal Humerus Fracture: Decision-making and treatment”
30. Faculty: Current Concepts in Orthopaedics 2008 - New Jersey Orthopaedic Society - May 17-18, 2008.  
“Decision Making in Proximal Humerus Fractures”  
“AAOS Update - 2008”
31. Faculty: 63<sup>rd</sup> Annual Workers’ Compensation Educational Conference - Orlando, FL, August 18, 2008.  
“Evidence-based Approaches to Workers’ Compensation”
32. Faculty: Advances in Arthroplasty - Scottsdale, AZ - October 3-4, 2008.  
“Equinoxe Shoulder Design Rationale: Primary and Fracture Stems”  
“Initial Two Year Outcomes with Equinoxe Primary Shoulder System”
33. Faculty: Puerto Rico Orthopaedic Society - Annual Meeting - Rio Mar, Puerto Rico - October 10-12, 2008.
34. Faculty: Cutting Edge Orthopaedics: What’s Hot and What’s Not - New York State Society of Orthopaedic Surgeons Symposium - New York, NY, October 18, 2008.  
“AAOS and You”
35. Faculty: Delaware Orthopaedic Symposium - Wilmington, DE, November 1, 2008.  
“Point-Counterpoint: Scope or Open”  
“Failure of Medicine: Challenges and Opportunities”
36. Faculty: Annual Meeting of the Mid-America Orthopaedic Association - Amelia Island, FL, April 23, 2009.  
“Treatment of Displaced Proximal Humerus Fractures”  
“AAOS Updates”
37. Faculty: UC Irvine Shoulder Symposium - Irvine, CA, May 29, 2009.  
“The Rotator Cuff Deficient Shoulder”  
“Reverse Total Shoulder Arthroplasty”
38. Faculty: Annual Meeting of the Eastern Orthopaedic Association - Paradise Island, Bahamas - June 17-18, 2009.  
“Tricks in treating geriatric fractures”  
“Health Reform Update”
39. Faculty: Annual Meeting of the Western Orthopaedic Association - Seattle, WA, July 30, 2009.  
“AAOS Report”

40. Faculty: Tristate Trauma Symposium - NYU Hospital for Joint Diseases, New York, NY, October 23, 2009.  
“Four-part proximal humerus fractures: hemiarthroplasty vs. reverse shoulder replacement”
41. Faculty: Orthopaedic Leadership Institute - Meeting of the AAOS Leadership Fellows - New York, NY, July 29, 2011.  
“Being a Department Chair: Lessons Learned”
42. Faculty: Maine Society Orthopaedic Surgeons - Annual Meeting - Portland, ME, October 1, 2011.  
“Prosthetic Replacement for Glenohumeral Arthritis”
43. Faculty: Clinical Orthopaedic Society and New York State Society of Orthopaedic Surgeons - Annual Meeting - New York, NY, September 24-25, 2015  
“Lessons Learned with Bundled Payment”
44. Course Co-Director: State of the Art Shoulder Arthroplasty: Expanding Indications and Technique - NYU Hospital for Joint Diseases – New York, NY, November 13, 2015  
“RTSA for Failed Arthroplasty”
45. Faculty: New England Orthopaedic Society Fall Meeting - Waltham, MA - November 20-21, 2015  
“Revision TSR to RTSA”  
“Healthcare Reform”  
“New Approaches to Resident Education”

Local

1. Faculty: The Foot - Virginia Mason Hospital, Seattle, WA, May 7, 1982.  
“Torsional Deformities of the Lower Extremity in Children”
2. Chairman: Office Orthopaedics - Hospital for Joint Diseases, New York, NY, April 26-27, 1985.  
“Treatment of Common Shoulder and Elbow Problems”
3. Chairman: Interdisciplinary Care of Geriatric Hip Fracture Patients -Hospital for Joint Diseases, New York, NY, May 2, 1986.  
“Hip Fractures in the Elderly: Factors in Choice of Treatment”
4. Faculty: Treatment of Tibia Fractures - Hospital for Joint Diseases, New York, NY, September 19, 1987.  
“Standard and Interlocking Nailing for the Treatment of Tibia Fractures”
5. Faculty: Current Concepts in Geriatric Rehabilitation - St. Albans VAMC, May 5, 1989.  
“Interdisciplinary Care of Geriatric Hip Fracture Patients”
6. Faculty: Geriatric Medicine - Brooklyn Academy of Medicine, Brooklyn, NY, January 14, 1990.  
“Orthopaedic Problems of the Elderly”

7. Faculty: An Introduction to the Gamma Locking Nail - New York, NY, May 18, 1990.  
“Treatment of Intertrochanteric Hip Fractures”  
“Early Experience with the Gamma Nail”
8. Faculty: Treatment of Problem Fractures - Hospital for Joint Diseases, New York, NY, September 22, 1990.  
“Treatment of Unstable Intertrochanteric Fractures”
9. Chairman: Ortho-Rheum for the Generalist - Hip and Back Pain. Hospital for Joint Diseases, New York, NY, November 3, 1990.
10. Chairman: Ortho-Rheum for the Generalist - Neck, Shoulder & Elbow Pain. Hospital for Joint Diseases, New York, NY, June 7, 1991.  
“Evaluation of Common Shoulder Problems”  
“Evaluation of Common Elbow Problems”
11. Chairman: Total Shoulder Arthroplasty: Current Concepts - New York Academy of Medicine, October 7, 1991.
12. Faculty: Geriatrics Symposium - Barnert Hospital, Paterson, NJ, September 9, 1992.  
“Hip Fractures in the Elderly”
13. Faculty: Glenohumeral Instability: Current Trends - New York Academy of Medicine, October 5, 1992.  
“Complications of Glenohumeral Instability Repairs”
14. Faculty: Los Angeles Chapter of the Western Orthopaedic Association - Monthly Meeting, Los Angeles, CA, September 23, 1993.  
“Hip Fractures in the Elderly”
15. Faculty: Rotator Cuff Tears: Current Concepts - New York Academy of Medicine, December 15, 1993.
16. Faculty: AAOS Initiatives in Practice Management - Iowa Orthopaedic Society, Des Moines, IA, April 17, 2009.
17. Faculty: National Healthcare Reform: Potential Directions - Arizona Orthopaedic Society Annual Meeting - Phoenix, AZ, May 30, 2009.  
“The Future of Health Care Reform”
18. Faculty: Federal Healthcare Reform Forum - New York County Medical Society - New York, NY, September 16, 2009.  
“Federal Healthcare Reform and its Impact on Specialties”
19. Faculty: Healthcare Reform - Richmond County Medical Society and the Medical Society of the County of Kings, Brooklyn, NY, October 6, 2009.  
“Health Care Reform”
20. Faculty: Prosthetic Replacement for the Treatment of Glenohumeral Arthritis - North Carolina Orthopaedic Association - Raleigh, NC, January 12, 2010.
21. Faculty: Pursuing a Career in Orthopaedic Surgery: A Primer on Successfully Matching - NYU Hospital for Joint Diseases - New York, NY, April 24, 2010.  
“Introduction to Orthopaedic Surgery”



22. Faculty: All Things Shoulder: Diagnosis and Management of Common Shoulder Injuries and Conditions - 3<sup>rd</sup> Annual Orthopaedic Symposium - New York Hospital Queens, October 4, 2013.  
“Prosthetic Replacement for Glenohumeral Arthritis”

#### Web-Based

1. Moderator: Symposium - Online VuMedi Webinar - August 24, 2009.  
“Reverse Total Shoulder Arthroplasty”
2. Moderator: Total Shoulder Arthroplasty - VuMedi Webinar - July 20, 2010.  
“Avoiding Complications in Shoulder Arthroplasty”
3. Moderator: Healthcare Reform 2011 - VuMedi Webinar - May 9, 2011.
4. Faculty: Complex Shoulder Arthroplasty - VuMedi Webinar - March 21, 2012.  
“Management of Instability Following Shoulder Arthroplasty”
5. Moderator: VuMedi Symposium - Value based Shoulder Care - July 30, 2013.
6. Faculty: Transparency, consumerism and volume in orthopaedics – Castlight Health and the Cleveland Clinic Foundation – Web-based seminars, 2015  
Part 1: Transparency, consumerism and value in orthopaedics.  
Part 2: High-volume procedures and referrals in orthopaedics.  
Part 3: High-volume hip, knee and spine surgery.
7. Faculty: Failed Shoulder Surgery - AAOS Webinar, September 16, 2014  
“The Painful Hemiarthroplasty: Diagrams and Treatment.”
8. Faculty: Issues in Total Shoulder Arthroplasty – VuMedi Webinar, September 22, 2014  
“RTSA is preferred over PHR for proximal humeral fractures”

#### **Visiting Professorships**

1. **Duncan Lecturer** - Cleveland Orthopaedic Club, St. Luke’s Medical Center, March 6-7, 1987  
“Hemiarthroplasty for the Treatment of Glenohumeral Arthritis”  
“Radiation Synovectomy for the Treatment of Rheumatoid Arthritis”
2. **John B. Manly Lectureship** - Department of Orthopaedic Surgery, Long Island Jewish Medical Center - New York, NY., April 5-6, 1995  
“Strategies to Reduce the Cost of Orthopaedic Implants”  
“The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears”  
“Geriatric Hip Fractures: HJDOI Experience”
3. **Andrew Hoyt Crenshaw Memorial Lecture** - Campbell Clinic - Memphis, TN, May 12-13, 1995  
“Geriatric Hip Fractures: HJDOI Experience”  
“Coracoacromial Arch Anatomy and Rotator Cuff Tears”
4. **Visiting Professor, Kerlan-Jobe Orthopaedic Clinic**, Fellows Day, Inglewood, CA, July 7-8, 1995  
“The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears”
5. **Dana M. Street Lecturer** - Harbor-UCLA General Hospital - Los Angeles, CA, June 14-15, 1996  
“Outcomes Following Hip Fracture”; “Shoulder Proprioception”  
“The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears”

6. **John LeCoq Lecturer** - University of Washington - Department of Orthopaedic Surgery  
Seattle, WA, January 15-16, 1998  
“Hip Fractures: HJDOI Experience” and “Diagnosis of Infected Total Joint Replacement”
7. **Jones-Korn Lectureship** - Philadelphia Orthopaedic Society - Philadelphia Academy of Medicine,  
Philadelphia, PA, March 9, 1998  
“Hip Fractures: HJDOI Experience”
8. **Charles Gregory Visiting Professorship** - University of Texas Southwestern Medical Center -  
Department of Orthopaedic Surgery - Dallas, TX, May 29-30, 1998  
“Diagnosis of Infected Total Joint Replacement”  
“Coracoacromial Arch Anatomy and Rotator Cuff Tears”
9. **Visiting Professor - George Washington University Medical Center** - Department of Orthopaedic  
Surgery - Washington, D.C., June 11-12, 1998  
“Coracoacromial Arch Anatomy and Rotator Cuff Tears”  
“Hip Fractures: HJDOI Experience”
10. **Residents Visiting Professor - University of Minnesota** - Department of Orthopaedic Surgery and  
Twin Cities Orthopaedic Society, Minneapolis, MN, April 6-7, 2000  
“Humeral Head Replacement for Fractures: Indications, Techniques and Complications”,
11. **Arthur Thibodeau Visiting Professor** - Tufts University Department of Orthopaedic Surgery -  
Resident Graduation, Boston, MA, June 8-9, 2000  
“Hip Fractures: HJD Experience”  
“Humeral Head Replacement for Fractures”
12. **William Buckhalter Lecturer** - University of Miami Department of Orthopaedic Surgery,  
Miami, FL, November 18, 2004  
“Humeral Head Replacement for Proximal Humeral Fractures”,.
13. **Alpha Omega Alpha Honor Medical Society Induction Speaker** - Medical College of Wisconsin -  
April 25, 2006  
“Professionalism in Lessons I Have Learned” and “Keys to Success in Residency Training”
14. **Visiting Professorship - Washington University School of Medicine and St. Louis Orthopaedic  
Society**, St. Louis, MO, March 7, 2007  
“The Influence of Coracromial Anatomy on Rotator Cuff Tears”  
“Hemiarthroplasty for Proximal Humerus Fractures: Indications, Techniques and  
Complications”
15. **Visiting Professor - Postgraduate Seminar and Disputations of the Yale Orthopaedic  
Association**, Yale University School of Medicine Department of Orthopaedic Surgery,  
New Haven, CT, June 7 -8, 2007  
“The Effect of Coracoacromial Arch Morphology on Rotator Cuff Tears”
16. **University of Colorado Orthopaedic Alumni Association Visiting Professorship**, Denver, CO,  
June 19, 2008  
“Hip Fractures in the Elderly: The NYUHJD Experience”  
“The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears”
17. **University of Vermont Department of Orthopaedic Surgery - Visiting Professorship**,  
Burlington, VT, April 15-16, 2009  
“Reverse Shoulder Arthroplasty”  
“Orthopaedic Resident Education: From Bench to Bedside (Selection to Practice)”

18. **William C. Campbell Lecturer**, Campbell Clinic Centennial Celebration, Memphis, TN, April 23-25, 2009
  - “Reverse Shoulder Arthroplasty”
  - “Practice Management: Ancillary Income Opportunities”
19. **University of California, Irvine Department of Orthopaedic Surgery - Visiting Professor**, Irvine, CA, May 28, 2009
  - “Graduate Research Forum”
20. **33<sup>rd</sup> Distinguished J.B. Williams - Resident Graduation Symposium, Visiting Professor**, University of Connecticut Department of Orthopaedic Surgery, Farmington, CT, June 5, 2009
  - “The Rotator Cuff Deficient Shoulder”
  - “Orthopaedic Resident Education: From Bench to Bedside (Selection to Practice)”
21. **Charles H. Epps, Jr., M.D. Lecturer in Orthopaedic Surgery**, Howard University Department of Orthopaedic Surgery, Washington, D.C., December 2, 2009
  - “Prosthetic Replacement for the Treatment of Glenohumeral Arthritis”, ,
22. **Visiting Professorship – University of Michigan Department of Orthopaedic Surgery –** March 16-18, 2011
  - “Orthopaedic Resident Selection and Education”
  - “Top Ten Keys to Success in Residency Training”
23. **49<sup>th</sup> Annual Murray S. Danforth Oration Brown University Department of Orthopaedic Surgery –** Rhode Island Hospital – May 18, 2011
  - “Prosthetic Replacement for Glenohumeral Arthritis”
  - “Orthopaedic Resident Education: from bench to bedside (selection to practice)”
24. **John S. Gould Lectureship – Medical College of Wisconsin –** Department of Orthopaedic Surgery – Milwaukee, WI – June 24, 2011
  - “Prosthetic Replacement for Glenohumeral Arthritis”
  - “Selecting Orthopaedic Residents: From Bench to Bedside”
25. **Malcolm B. Coult's Visiting Professorship -** Western Orthopaedic Association - San Diego Chapter - January 13, 2012
  - “Prosthetic Replacement for Glenohumeral Arthritis”
  - “Orthopaedic Resident Education: From Bench to Bedside”
  - “Healthcare Reform: Is Universal Coverage Possible”
  - “Treatment of Proximal Humerus Fractures”
  - “Being a Department Chair: Lessons Learned”
26. **Visiting Professorship -** University of Florida Department of Orthopaedics and Rehabilitation - Gainesville, FL - March 28-30, 2012
  - “Prosthetic Replacement for Glenohumeral Arthritis”
  - “Healthcare Reform in 2012: Is it Possible?”
27. **Albert J. Ferguson, Jr., M.D. Visiting Professorship and Resident Research Day - University of Pittsburgh -** Department of Orthopaedic Surgery - Pittsburg, PA - April 17 - 18, 2012
  - “Orthopaedic Resident Education: From Bench to Bedside (Selection to Practice)”
28. **Siegling Society Research Day Symposium Visiting Professor - Medical University of South Carolina -** Charleston, SC - April 27, 2012
  - “Prosthetic Replacement for Glenohumeral Arthritis”
  - “Orthopaedic Resident Education: From Bench to Bedside”
  - “Healthcare Reform in 2012”

29. **D. J. Frank Memorial Lectureship and Thesis Day - University of Cincinnati** - Department of Orthopaedic Surgery - Cincinnati, OH - May 4, 2012  
“Orthopaedic Resident Education: From Bench to Bedside”
30. **Alan E. Freeland Research Day Visiting Professor– University of Mississippi** - Department of Orthopaedic Surgery – Jackson, MS – June 6-7, 2013  
“Orthopaedic Resident Education: From Bench to Bedside”
31. **23<sup>rd</sup> Annual Dr. Gunnar Andersson Lecture** - Department of Orthopaedic Surgery – **Rush University Medical Center** - Chicago, IL - April 14, 2013  
“Prosthetic Replacement for Glenohumeral Arthritis”  
“Healthcare Reform in 2013: Is it possible?”
32. **Resident Research Day Visiting Professor - University of British Columbia** - Vancouver, BC - April 30, 2014  
“Selecting Orthopaedic Residents: Art or Science”
33. **E. Shannon Stauffer Visiting Professor** - Department of Orthopaedic Surgery - **Southern Illinois University School of Medicine** - Carbondale, IL - May 29, 2014  
“Proximal Humerus Fractures: Rehab, Repair, Replace or Reverse”
34. **E. Burke Evans Distinguished Lecturer and Visiting Professor - University of Texas Medical Branch** - Department of Orthopaedic Surgery - Galveston, TX - June 27, 2014  
“Prosthetic Replacement for Glenohumeral Arthritis”  
“Professionalism: Lessons I Have learned”
35. **J. Paul Harvey, M.D. Memorial Lecture and Visiting Professor-** Department of Orthopaedic Surgery - University of Southern California - **Keck School of Medicine** - Los Angeles, CA - June 23, 2014  
“Healthcare Reform in 2014: Is it possible?”  
“Prosthetic Replacement for Glenohumeral Arthritis”
36. **Dr. Phillip Spiegel Memorial Visiting Professor - USF Orthopaedics and Florida Institute** - Tampa, FL - June 5, 2015  
“Establishing Effective Leadership”
37. **Resident Research Day Visiting Professor** - Department of Orthopaedic Surgery - **University of Washington** - Seattle, WA - June 12, 2015  
“New Approaches to Orthopaedic Resident Education”  
“Health Care Reform: Is universal coverage possible?”

### Grand Rounds/Invited Presentations

1. “Radiation Synovectomy in the Treatment of Rheumatoid Arthritis” - Combined Rheumatology Grand Rounds, Hospital for Joint Diseases/Beth Israel Medical Center, New York, NY, February 4, 1985.
2. “Radiation Synovectomy” - Grand Rounds, Department of Rheumatology, New York University Medical Center, New York, NY, December 17, 1985.
3. “Radiation Synovectomy” - Grand Rounds, Department of Rheumatology, North Shore University Hospital, Manhasset, NY, October 23, 1986.
4. “Radiation Synovectomy for the Treatment of Rheumatoid Arthritis” - Grand Rounds, Department of Rheumatology, Hospital for Special Surgery, New York, NY, January 14, 1987.

5. "The Challenge of Geriatric Hip Fractures" - Division of Geriatric Medicine, New York Academy of Medicine, New York, NY, June 13, 1988.
6. "Interdisciplinary Care of Geriatric Hip Fracture Patients" - Department of Aging, University of Kansas, Kansas City, KS, July 20, 1988.
7. "Evaluation of the Unstable Shoulder" and "Treatment of Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Monmouth Medical Center, Long Branch, NJ, January 11, 1989.
8. "Principles of Radiation Synovectomy" - Musculoskeletal Problems in Hemophilia, National Hemophilia Foundation, New York, NY, March 10, 1989.
9. "Treatment of Unstable Intertrochanteric Hip Fractures" and "Evaluation and Management of Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Robert Wood Johnson Medical School, New Brunswick, NJ, September 21, 1989.
10. "Radiation Synovectomy" - Grand Rounds, Department of Rheumatology, SUNY Stony Brook School of Medicine, September 23, 1989.
11. "Proximal Humeral Fractures" - Grand Rounds, Elmhurst Hospital and Medical Center, Flushing, NY, September 25, 1989.
12. "Evaluation and Management of Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Bronx Lebanon Hospital and Medical Center, Bronx, NY, October 10, 1989.
13. "Biomechanics of Throwing" - Metropolitan Sportsmedicine Association, Lenox Hill Hospital, New York, NY, March, 1990.
14. "Hip Fractures in Geriatric Patients: Current Status" - Ground Rounds, Benedictine Hospital, Kingston, NY, June 16, 1990.
15. "Principles of Fracture Treatment in the Elderly" - Department of Orthopaedic Surgery, Catholic Medical Center, Flushing, NY, June 27, 1990.
16. "The Challenge of Geriatric Hip Fractures: Current Status" - Department of Geriatric Medicine, Norwalk Hospital, Norwalk, CT, December 13, 1990.
17. "Evaluation and Management of Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Mount Sinai School of Medicine, New York, NY, December 19, 1990.
18. "Geriatric Hip Fractures" - Grand Rounds, Department of Orthopaedic Surgery and Rehabilitation, Rhode Island Hospital, Providence, RI, March 10, 1992.
19. "Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Nyack Hospital, Nyack, NY, June 9, 1992.
20. "Treatment of Proximal Humerus Fractures - Department of Orthopaedic Surgery - Putnam Hospital Center -Carmel, NY, October 29, 1992.
21. "Total Joint Replacement in the Elderly"- Grand Rounds, Department of Geriatric Medicine, New York University School of Medicine, New York, NY, November 2, 1992.
22. "Cost Containment of Prosthetic Implants" - Business Opportunities in Orthopaedic Surgery, Medpro International, San Francisco, CA, February 18, 1993.

23. "Evaluation and Treatment of Fractures of the Proximal Humerus" - Grand Rounds, Department of Orthopaedic Surgery, Georgetown University School of Medicine, April 20, 1993.
24. "Hip Fractures in the Elderly" - Grand Rounds, Department of Orthopaedic Surgery, Columbia University College of Physicians & Surgeons, New York, NY, January 27, 1994.
25. "Glenohumeral Arthritis" - Grand Rounds, Department of Orthopaedic Surgery, Bronx-Lebanon Medical Center, Bronx, NY, October 11, 1994.
26. "Hip Fractures in the Elderly" - Grand Rounds, Department of Orthopaedic Surgery, University of Massachusetts Medical Center, Springfield, MA, March 29, 1995.
27. "Geriatric Hip Fractures: HJDOI Experience" and "The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears" - Grand Rounds, Department of Orthopaedic Surgery, University of Medicine and Dentistry of New Jersey - Newark, NJ., May 4-5, 1995.
28. "Fractures of the Proximal Humerus" - Grand Rounds, St. Vincent's Hospital and Medical Center, New York, NY, September 20, 1995.
29. "Hip Fractures: the HJDOI Experience" - Grand Rounds, Winthrop University Hospital, Mineola, NY, August 8, 1996.
30. "Humeral Head Replacement for Proximal Humerus Fractures: Indications, Techniques and Complications" and "Geriatric Hip Fractures", Genesee Memorial Lectureship - The Genesee Hospital and University of Rochester, Rochester, NY, February 27 - March 1, 1997.
31. "Humeral Head Replacement for Proximal Humerus Fractures" - Grand Rounds, Department of Orthopaedic Surgery, Mount Sinai Medical Center, New York, NY, March 5, 1997.
32. "Geriatric Hip Fractures" - Ground Rounds, Department of Orthopaedic Surgery, Lenox Hill Hospital, New York, NY, March 17, 1997.
33. "Geriatric Hip Fractures" - Ground Rounds, Department of Orthopaedic Surgery, Columbia University College of Physicians and Surgeons, New York, NY., November 13, 1997.
34. "Hip Fractures" - Brooklyn Orthopaedic Society Meeting, Brooklyn, NY, March 24, 1999.
35. "Prosthetic Replacement for Proximal Humerus Fractures" - Orthopaedic Grand Rounds, Winthrop University Hospital, Mineola, NY, September 14, 1999.
36. "Proximal Humeral Replacement for Fracture: Technique, Results and Complications" - Grand Rounds, Winthrop University Hospital, Mineola, NY, October 17, 1999.
37. "Hip Fractures: HJD Experience" - Milwaukee Orthopaedic Society, Milwaukee, WI, May 16, 2000.
38. "Humeral Head Replacement for Fractures" - Grand Rapids Medical College of Wisconsin, Milwaukee, WI, May 17, 2000.
39. "Hip Fractures: The Hospital for Joint Diseases Experience" - Grand Rounds - Department of Orthopaedic Surgery, University of Massachusetts Medical Center, January 24, 2001.
40. "Humeral Head Replacement for Fractures: Technique, Results and Complications" - Grand Rounds-Department of Orthopaedic Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA., June 5, 2001.
41. "Humeral Head Replacement for Fractures: Indications, Technique and Results" - Grand Rounds - Lenox Hill Hospital - New York, NY, November 24, 2003.



42. "Proximal Humeral Head Replacement for Fractures: Technique, Results and Complications - Brooklyn Orthopaedic Society, Brooklyn, NY, March 25, 2004.
43. "Orthopaedic Resident Education: From Bench to Bedside (selection to practice)", Emory University Department of Orthopaedic Surgery, Atlanta, GA, October 20, 2008.
44. "The Cuff Deficient Shoulder" and "Conflicts of Interest in Orthopaedic Surgery: The Surgeon-Industry Relationship", Grand Rounds - North Shore-LIJ Department of Orthopaedic Surgery, New Hyde Park, NY, November 5, 2008.
45. "The Cuff Deficient Shoulder", Mid Atlantic Shoulder Symposium, Philadelphia, PA, November 6, 2008.
46. "Orthopaedic Resident Education: From Bench to Bedside (selection to practice)", Grand Rounds - Massachusetts General Hospital, Boston, MA, November 19, 2008.
47. "Update on Federal Health Care Reform" - Grand Rounds - Maimonides Medical Center, Department of Orthopaedic Surgery - Brooklyn, NY, February 5, 2010.
48. "How Technology Has Changed Orthopaedic Surgery" - 26<sup>th</sup> Annual New York Medical College Student Physician Awareness Day - Valhalla, NY - April 4, 2011.
49. Mount Sinai Medical Center Department of Orthopaedic Surgery - New York, NY - February 29, 2012.
50. "Orthopaedic Resident Education: From Bench to Bedside"  
Frederick N. Meyer, M.D. Keynote Speaker - Annual Meeting of the Residency Coordinators in Orthopaedic Surgery (ARCOS) - San Francisco, CA - February, 8, 2012.
51. "Teaching Professionalism in Orthopaedic Residency Programs: Can it be done?"  
University of Virginia Department of Orthopaedic Surgery - Grand Rounds - Charlottesville, VA - January 21, 2013.
52. "Prosthetic Replacement for Glenohumeral Arthritis"  
"Orthopaedic Resident Education: From Bench to Bedside (selection and practice)"  
Jackson Orthopaedic Society - Jackson, MS - June 6, 2013.
52. "Healthcare Reform in 2013: is it possible?"

### Teaching Lectureships

- |             |   |
|-------------|---|
| 1998- 2010  | New York University School of Medicine - Second-Year Musculoskeletal Pathology Course<br>Topic: Treatment of Osteoarthritis   |
| 1984 - 1994 | New York University, Department of Ergonomics New York, New York<br>Topics: Biomechanics of the Shoulder and Elbow; Occupational Disorders of the Shoulder          |
| 1984 - 1986 | Hunter College, Department of Physical Therapy, New York, New York<br>Topic: Treatment of Fractures   |
| 1985        | Long Island University, School of Physical Therapy and Occupational Therapy, New York, NY.<br>Topics: Upper Extremity Reconstructive Surgery<br>Trauma and Fracture |
| 1984        | Simmons College, Department of Physical and Occupational Therapy, Boston, MA  |



Topics: Disorders of the Hip and Knee  
Fractures of the Lower Extremity  
Common Problems in Pediatric Orthopaedics

1981 - 1983 University of Puget Sound, School of Occupational and Physical Therapy, Tacoma, WA

Topics: Infections of Bones and Joints  
Metabolic Bone Diseases  
Pediatric Orthopaedic Problems  
Total Joint Replacement

## Scientific Presentations

1. "Acetabular Augmentation for Progressive Hip Instability of Neuromuscular Origin" - Presented at the Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Detroit, MI., October 21, 1981.
2. "Reconstructive Forefoot Surgery in Adolescents: Results of Surgical Treatment" - Presented at the Annual Meeting of the Foot and Ankle Society, Anaheim, CA. March 9, 1983.
3. "Treatment of Pigmented Villonodular Synovitis with Intra-articular Radiation Synovectomy" - Presented at the Annual Meeting of the New England Rheumatism Society, Boston, MA. April 23, 1984.
4. "Treatment of Antigen-Induced Arthritis in Rabbits with Dysprosium-165 Ferric Hydroxide Macroaggregates" - Presented at the Annual Meeting of the Orthopaedic Research Society, Las Vegas, NV. January 23, 1985.
5. "Treatment of Unstable Femoral Shaft Fractures with Closed Interlocking Nailing" - Presented by Dr. Veith at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV. January 25, 1985.
6. "Proximal Humeral Replacement" - Presented at the Annual Meeting of the American Shoulder and Elbow Surgeons, New Orleans, LA., February 22, 1986.
7. "Treatment of Rheumatoid Synovitis of the Knee by Radiation Synovectomy" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA., February 22, 1986.
8. "Threaded Non-Cemented Acetabular Components in Difficult Hip Arthroplasties" - Presented by Dr. Frankel at the Annual Meeting of the Canadian Orthopaedic Association, Edmonton, Alberta, June 4, 1986.
9. "Biomechanical Evaluation of Medial Displacement vs. Anatomic Reduction in the Treatment of Unstable Intertrochanteric Fractures" - Presented by Dr. Chang at the annual meetings of the Orthopaedic Research Society and American Academy of Orthopaedic Surgeons, San Francisco, CA., January 20 and 27, 1987.
10. "Anticipated Outcomes in Geriatric Hip Fracture Patients", "Comprehensive Care of Geriatric Hip Fracture Patients", "Radiation Synovectomy for Rheumatoid Arthritis in Patients Over Age 60" - Them Ol' Bones IV, Scottsdale, AZ., March 12, 1987.

11. "Treatment of Rheumatoid Synovitis of the Knee by Radiation Synovectomy" - Presented by Dr. Wilson at the Annual Meeting of the American Rheumatism Association, Houston, TX., May 26, 1988.
12. "Interdisciplinary Care of Geriatric Hip Fracture Patients" - Presented at the Annual Meeting of the American Geriatrics Society, Anaheim, CA., May 20, 1988.
13. "Interdisciplinary Care of Geriatric Hip Fracture Patients: How Can We Optimize Outcomes?" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV., February 11, 1989.
14. "Internal Fixation of Intertrochanteric Fractures: Question of Plate-Angle" - Presented by Dr. Meislin at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV., February 11, 1989.
15. "Preliminary Results of a Community follow-up Research Project for Hip Fracture Patients" - Presented by Dr. Sakales at the Annual Meeting of the American Society on Aging, Washington, DC., March 20, 1989.
16. "The Effect of Arm Position and Capsular Release on Rotator Cuff Repairs: A Biomechanical Study" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA., February 9, 1990.
17. "Radiation Synovectomy Using Ho-166-FHMA in Rabbits with Antigen-Induced Arthritis" - Presented by Dr. Chinol at the Annual Meeting of the Society of Nuclear Medicine, Washington, DC., June 19, 1990.
18. "Role of Radiation Synovectomy in the Treatment of Pigmented Villonodular Synovitis of the Knee" - Presented by Dr. Tsahakis at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Anaheim, CA., March 7, 1991.
19. "Radiographic Evaluation of Endosteal Response in Press-Fit Total Hip Arthroplasty" - Presented by Dr. Adler at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Anaheim, CA., March 7, 1991.
20. "Ambulatory Ability After Hip Fracture: A Prospective Study in Geriatric Patients" - Presented by Dr. Meadows at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Anaheim, CA., March 7, 1991.
21. "Pain Inhibition of Shoulder Strength in Patients with Impingement Syndrome"- Presented by Dr. Ben-Yishay at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Anaheim, CA., March 11, 1991.
22. "Surgical Delay and Long-Term Outcomes in Previously Ambulatory Hip Fracture Patients" - Presented by Dr. Skovron at the Annual Meeting of the American Geriatrics Society, Chicago, IL., May 11, 1991.
23. "Predictors of Functional Recovery in Elderly Hip Fracture Patients" - Presented by Dr. Skovron at the Annual Meeting of the American Public Health Association, Atlanta, GA., November 10, 1991.
24. "Biomechanical Evaluation of the Gamma Nail for Intertrochanteric Fractures" Presented by Dr. Rosenblum at the Annual Meeting of the Orthopaedic Research Society, Washington, DC., February 7, 1992.

25. "Interobserver Reliability of the Neer Classification of Proximal Humerus Fractures" - Presented by Dr. Sidor at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 23, 1992.
26. "One-Part Proximal Humerus Fracture: A Prospective Study of Functional Outcome" - Presented by Dr. Powell at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 24, 1992.
27. "Effectiveness of a Hospital-Based Strategy to Reduce Prosthesis Costs" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 24, 1992.
28. "The Effect of Surgical Delay on Outcome in Geriatric Hip Fracture Patients" - Presented by Dr. Skovron at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 25, 1992.
29. "The Influence of Coracoacromial Arch Anatomy on Rotator Cuff Tears" - Presented at the Annual Meeting of the American Shoulder and Elbow Surgeons and American Academy of Orthopaedic Surgeons, Washington, DC., February 23 and 25, 1992.
30. "Proximal Humeral Replacement" - Presented by Dr. Cofield at the Fifth International Conference on Surgery of the Shoulder, Paris, France, July 14, 1992 and the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA., June 8, 1993.
31. "Humeral Head Replacement for Acute Three- and Four-Part Fractures" - Presented by Dr. Goldman at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 18, 1993 and at the Orthopaedic Trauma Association, Minneapolis, MN., October 1, 1992.
32. "The Clinical Significance and Histology of Fracture Blisters" - Presented by Dr. Giordano at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 20, 1993 and at the Orthopaedic Trauma Association, Minneapolis, MN., October 3, 1992.
33. "The Influence of Acromioclavicular Joint Morphology on Rotator Cuff Tears" - Presented by Dr. Cuomo at the open meeting of the American Shoulder and Elbow Surgeons, San Francisco, CA., February 21, 1993.
34. "Recovery of Strength Following Surgical Repair of the Rotator Cuff" - Presented at the annual open meeting of the American Shoulder and Elbow Surgeons, San Francisco, CA., February 21, 1993.
35. "Fixation of Basicervical Fractures of the Proximal Femur: A Biomechanical Cadaver Study" - Presented by Dr. Blair at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 22, 1993 and at the Orthopaedic Trauma Association, Minneapolis, MN., October 3, 1992.
36. "Laboratory Evaluation of Ten Fixation Techniques for the Treatment of Surgical Neck Fractures of the Proximal Humerus" - Presented by Dr. Blair at the Annual Meeting of the Orthopaedic Trauma Association, New Orleans, LA., September 23, 1993.
37. "Development of a Global Recovery Score for Geriatric Hip Fracture Patients" - Presented by Ms. Aharonoff at the Annual Meeting of the American Public Health Association, San Francisco, CA., October 27, 1993.
38. "The Influence of Acromial Morphology on Rotator Cuff Tears" - Presented at the annual closed meeting of the American Academy of Orthopaedic Surgeons, Williamsburg, VA., November 1, 1993.
39. "Frozen Shoulder: A Consensus Approach" - Presented at the annual closed meeting of the American Academy of Orthopaedic Surgeons, Williamsburg, VA., November 1, 1993.

40. "Unipolar vs. Bipolar Prosthesis: A Prospective Evaluation of Functional Outcome Following Femoral Neck Fracture" - Presented by Dr. Wathne at the American Academy of Orthopaedic Surgeons, New Orleans, Louisiana, February 25, 1994 and the Annual Meeting of the Orthopaedic Trauma Association, New Orleans, Louisiana, September 25, 1993.
41. "A Functional Recovery Score for Geriatric Hip Fracture Patients" - Presented at the Annual Meeting of the Orthopaedic Trauma Association, Los Angeles, CA., September 22, 1994 and at the Annual Meeting of the American Orthopaedic Association, Sun Valley, Idaho, June 10, 1994.
42. "Distal Femoral Nonunions: Treatment with a Retrograde Inserted Intramedullary Nail" - Presented by Dr. Koval at the Annual Meeting of the Orthopaedic Trauma Association, Los Angeles, CA., September 28, 1994.
43. "Biomechanical Comparison of Three Sliding Hip Screws: Effects of Material and Fixation Design" - Presented by Dr. Choueka at the Annual Meeting of the Orthopaedic Trauma Association, Los Angeles, CA., September 28, 1994.
44. "The Effect of Anesthetic Technique on In-Hospital Morbidity and Mortality in Patients Undergoing Repair of Hip Fracture" - Presented by Dr. Rosenberg at the Ninth European Congress of Anesthesiology, Jerusalem, Israel, October 2, 1994.
45. "An Analysis of the Efficacy of Corticosteroid Injections for the Treatment of Subacromial Impingement Syndrome" - Presented by Dr. Cuomo at the annual open meeting of the American Shoulder and Elbow Surgeons, Orlando, Florida, February 19, 1995 and by Dr. Blair at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, Florida, February 18, 1995.
46. "Predictors of One Year Mortality Following Hip Fracture" - Presented by Ms. Aharonoff at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL., February 20, 1995 and at the Annual Meeting of the American Public Health Association, Washington, DC., October 10, 1994.
47. "Proprioception of the Shoulder with Degenerative Arthritis" - Presented by Dr. Cuomo at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL., February 21, 1995, and at the Annual Closed Meeting of the American Shoulder and Elbow Surgeons, Manchester, VT., September 26, 1994.
48. "The Reliability of Intraoperative Frozen Section for Revision of Total Hip and Knee Arthroplasty" - Presented by Dr. Lonner at the Annual Meeting of the American Academy of Orthopaedic Surgeons, February 21, 1995.
49. "Lesions of the Intracapsular Segment of the Long Head of the Biceps Tendons in Patients with Rotator Cuff Pathology: MR Imaging and Surgical Correlation" - Presented by Dr. Beltran at the Radiological Society of North America, November 30, 1995.
50. "Outcomes Following One-Part Proximal Humerus Fracture" - Presented by Dr. Cuomo at the International Conference on Surgery of the Shoulder, Helsinki, Finland, June 27, 1995 and at the Annual Meeting of the American Shoulder and Elbow Surgeons, February 25, 1996.
51. "A Functional Recovery Score for Geriatric Hip Fracture Patients: Development and Clinical Assessment" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, February 24, 1996.
52. "Effect of Instability and Subsequent Anterior Shoulder Repair on Proprioceptive Ability" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, February 23, 1996 and at the annual open meeting of the American Shoulder & Elbow Surgeons, February 25, 1996.

53. "Intermediate Results of a Cemented Collared Straight Cobolt-Chrome Femoral Stem Using Second Generation Cementry Technique" - Presented by Dr. Kale at the Annual Meeting of the American Academy of Orthopaedic Surgeons, February 26, 1996.
54. "Outcome Following Hip Fracture: Utilization and Efficacy of Acute Inpatient Rehabilitation" - Presented by Dr. Koval at the Annual Meeting of the Orthopaedic Trauma Association, September 27, 1996 and the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 17, 1997.
55. "Effect of Posterior Comminution on the Fixation Stability of Femoral Neck Fracture" - Presented by Dr. Kauffman at the Annual Meeting of the Orthopaedic Trauma Association, September 27, 1996.
56. "Weightbearing After Hip Fracture: A Prospective Computerized Gait Analysis Comparing the Effects of Surgical Treatment" - Presented by Dr. Kummer at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 17, 1997 and by Dr. Koval at the Annual Meeting of the Orthopaedic Trauma Association, September 27, 1996.
57. "Functional Outcome After Hip Fracture: The Effect of General versus Regional Anesthesia" - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 17, 1997.
58. "The Value of Intraoperative Frozen Section in Revision Total Knee Arthroplasty" - Presented by Dr. Lonner at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., February 15, 1997; American Association of Hip and Knee Surgeons, November 9, 1996 and The Knee Society Specialty Day, February 16, 1997.
59. "Long Term Functional Outcome Following Repair of Large and Massive Rotator Cuff Tears" - Presented by Dr. Rokito at the Annual Meeting of the American Academy of Orthopaedic Surgeons on March 19, 1998 and the American Shoulder and Elbow Surgeons on March 22, 1998, New Orleans, LA.
60. "The Safety of Reinfusing Unwashed Wound Drainage in the PACU" - Presented by Dr. Rosenberg at the Annual Meeting of the American Academy of Orthopaedic Surgeons on February 5, 1999, Anaheim, CA.
61. "A Comparison of Nonoperative and Operative Treatment of Type II Distal Clavicle Fractures" - Presented by Dr. Rokito at Annual Meeting of the American Academy of Orthopaedic Surgeons on February 8, 1999, Anaheim, CA.
62. "Unipolar vs. Bipolar Prosthesis: A Prospective Evaluation Following Femoral Neck Fracture" - Presented by Dr. Maurer at the Annual Meeting of the Orthopaedic Trauma Association on October 20, 1999, Charlotte, NC.
63. "Effect of Greater tuberosity Placement on Active ROM After Hemiarthroplasty for Acute Fractures of the Proximal Humerus" - Presented by Dr. Cuomo at the annual closed meeting of the American Shoulder and Elbow Surgeons, Philadelphia, PA., October 17, 1999 and by Dr. Loebenberg at the annual open meeting of the American Shoulder and Elbow Surgeons, Orlando, FL., March 18, 2000.
64. "Effect of Depression on Functional Recovery Following Hip Fracture" - Presented by Dr. Wolinsky at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL., March 16, 2000.



65. "Accuracy of the Axillary Projection to Determine Fracture Angulation of the Proximal Humerus" - Presented by Dr. Puopolo at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA., March 1, 2001.
66. "An Analysis of Orthopaedic Residency Selection Criteria: Do Program Directors and Residency Applicants Agree?" - Presented by Dr. Bernstein at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Dallas, TX., February 14, 2002.
67. "The Effect of Cartilage Derived Bone Mophogenetic Protein on Rotator Cuff Healing" - Presented at the Annual Meeting of the American Shoulder and Elbow Surgeons, Dana Point, CA., October 9, 2003.
68. "Mortality Risk After Hip Fracture: A Ten Year Longitudinal Study" - Presented by Dr. Kubiak at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 24, 2005.
69. "Resident Work-hour rules: Resident and Program Director's Opinions and Attitudes" - Presented by Dr. Kubiak at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC., February 24, 2005.
70. "Long-term Follow-Up of the Surgical Management of Chronic Shoulder Dislocation" - Presented by Dr. Sahajpal at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL., March 22, 2006.
71. "Functional Outcomes After One-Part proximal Humerus Fractures: A Prospective Study" - Presented by Dr. Tejwani at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL., - March 24, 2006.
72. "Geometric Analysis of the Grammont Reverse Shoulder Prosthesis: An evaluation of the relationship between prosthetic design parameters and clinical failure modes" - Presented by Chris Roche, M.S. at the International Society for Technology in Arthroplasty, New York, NY., October 7, 2006.
73. "Early Complications in Proximal Humerus Fractures (OTA Types II) Treated with locked Plates" - Presented by Dr. Jazrawi at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA., February 14, 2007.
74. "Correlation between the Quality of Anatomic Reconstruction and the Clinical Results of the Shoulder Arthroplasty" - Presented by Dr. Flurin at the Third international Conference on Shoulder Arthroplasty, Paris, France, April, 2005; at the Pan Hellenic Orthopaedic Congress, Athens, Greece, May, 2005; and at the Tenth International Congress of Shoulder and Elbow Surgery - Costa do Sauipe, Bahia, Brazil - September 16, 2007.
75. "Geometric Analysis of the Grammont Reverse Shoulder Prosthesis: an evaluation of the relationship between prosthetic design parameters and clinical failure modes" - Presented by Dr. Flurin at the Tenth International Congress of Shoulder and Elbow Surgery - Costa do Sauipe, Bahia, Brazil - September 16, 2007.
76. "Anterior and Posterior Scapular Impingement Associated with Reverse Shoulder" Presented by Dr. Flurin at the 11<sup>th</sup> International Congress of Shoulder and Elbow Surgery - Edinburgh, Scotland - September 5, 2010.
77. "Fixation of a Posteriorly Augmented Glenoid Prosthesis" Presented by Dr. Flurin at the 11<sup>th</sup> International Congress of Shoulder and Elbow Surgery - Edinburgh, Scotland - September 7, 2010.
78. "A Comparison of Locking Blade and Locking Screw Fixation in the Proximal Humerus" Presented by Dr. Wright at the 11<sup>th</sup> International Congress of Shoulder and Elbow Surgery - Edinburgh, Scotland - September 8, 2010.

79. "Proximal Humerus Fracture Site Augmentation with Calcium Phosphate Prevents Screw Penetration" Presented by Dr. Egol at the Annual Meeting of the American Academy of Orthopaedic Surgeons – San Diego, CA – February 17, 2011
80. "Sodium Hyaluronate (Supartz) for the Treatment of Glenohumeral Arthritis" Presented by Dr. Kwon at the Annual Meeting of the American Academy of Orthopaedic Surgeons – San Diego, CA – February 17, 2011
81. "Reverse Total Shoulder Arthroplasty for Revision of Failed Shoulder Arthroplasty" - Presented at the SECEC Meeting - Lyon, France - September, 2011
82. "Reverse Total Shoulder Arthroplasty for Revision of Failed Shoulder Arthroplasty" - Presented by Dr. Patel at the Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA - February 9, 2012
83. "The Rising Incidence of Rotator Cuff Repairs" - Presented by Dr. Rokito at the 2012 Closed Meeting of the American shoulder and Elbow Surgeons - Sea Island, GA - October 12, 2012
84. "The Effect of Shoulder Immobilization on Driving Performance" - Presented by Dr. Jazrawi at the Annual Meeting of the American Orthopaedic Society for Sports Medicine - Baltimore, MD - July 15, 2012; and by Dr. Hasan at the Annual Meeting of the American Academy of Orthopaedic Surgeons - San Francisco, CA - February 9, 2012
85. "Comparison of Clinical Outcomes Using Anatomic and Reverse Total Shoulder Arthroplasty" - presented by Dr. Wright - at ISTA - 2013
86. "Impact of Posterior Glenoid Wear on Rotator Cuff Muscle Tension with Total Shoulder Arthroplasty" - presented by Dr. Wright - at ISTA - 2013
87. "Can the Average Total Joint Orthopaedic Surgeon Maintain an Average Increase of Medicare Reimbursement Rates?" - Presented by Dr. Iorio at the Annual Meeting of the Association of Arthritic Hip and Knee Surgeons - Dallas, TX - November 8-10, 2013
88. "Driving Performance after Total Shoulder Arthroplasty" - Presented by Dr. Kwon at the Open Meeting of the American Shoulder and Elbow Surgeons and at the 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA - March 13 and 15, 2014
89. "Early Results of CMS Bundled Payment Initiative for a 90 Day Total Joint Replacement Episode of Care" - Presented by Dr. Iorio at the Annual Meeting of the American Academy of Orthopaedic Surgeons - New Orleans, LA - March 14, 2014
90. "Clinical Skills and Professionalism-Unannounced Standardized Patients" - Presented by Dr. Phillips at the Combined Meeting of the AOA/COA Denver, CO - June 19, 2014
91. "Objective Structured Clinical Exams to Assess Communications on Interns vs. Senior Orthopaedic Residents: What are the Differences?" - Presented by Dr. Phillips at the Annual Meeting of the Council of Residency Directors - Denver, CO - June 21, 2014
92. "Reverse Total Shoulder Arthroplasty Using Structural Bone Grafts for Large Glenoid Defects" - Presented by Dr. Gilot at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Las Vegas, NV - March 25, 2015
93. "The Incidence of Subsequent Shoulder Surgery Following Repair of Superior Glenoid Labral Tears" - Presented by Dr. Rokito at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Las Vegas, NV - March 26, 2015
94. "Anatomic Reconstruction of Total Shoulder Arthroplasty with the Subscapularis Spacing Approach" - Presented by Dr. Ding at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Las Vegas, NV - March 27, 2015



95. "Initial Varus Displacement of Proximal Humerus Fractures Results in Similar Function by Higher Complication Rates" - Presented by Dr. Egol at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Las Vegas, NV - March 27, 2015
96. "The Effect of Axillary Crutch Use Following rTSA on Baseplate Fixation" - Presented by Alex Greene at the Annual Meeting of the International Society for Technology in Arthroplasty - Vienna, Austria - October 2, 2015
97. "The Impact of Anterior Glenoid Defects on Reverse Shoulder Glenoid Fixation" - Presented by Christopher Roche at the Annual Meeting of the International Society for Technology in Arthroplasty - Vienna, Austria - October 2, 2015
98. "Comparison of Clinical Outcomes with rTSA in Patients With and Without Scapular Notching" Presented by Christopher Roche at the Annual Meeting of the International Society for Technology in Arthroplasty - Vienna, Austria - October 3, 2015
99. "Improvement in TJA Quality Metrics: Year One vs. Year Three of the Bundled Payment for Care Initiatives - Presented by Dr. Iorio at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL - March 2, 2016
100. "Reverse Total Shoulder Arthroplasty Outcomes With and Without Repair of the Subscapularis" - Presented by Dr. Friedman at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL - March 2, 2016
101. "Comparison of Outcomes with Reverse Total shoulder Arthroplasty in Patients With and Without Scapular Notching - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons - Orlando, FL - March 2, 2016

### Scientific Exhibits/Posters

1. "The Use of The Interlocking Nail in the Treatment of Unstable Femoral Shaft Fractures"
  - . American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 9-14, 1984
2. "Treatment of Rheumatoid Synovitis of the Knee with Intra-articular Dysprosium-165-Ferric Hydroxide Macroaggregates"
  - . American Academy of Orthopaedic Surgeons  
New Orleans, LA., February 22, 1986
  - . American Orthopaedic Association  
San Diego, CA., June 11, 1985
  - . American Rheumatism Association  
Minneapolis, MN., June 7, 1984
3. "Biomechanical Evaluation of Anatomic Reduction vs. Medial Displacement Osteotomy in the Treatment of Unstable Intertrochanteric Fractures"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., January 23, 1987
4. "The Development and Use of an Interdisciplinary Hip Fracture Program Data Collection Form"
  - . New York State Association of Gerontological Educators  
Ellenville, NY., October 22, 1987

5. "Multidisciplinary Care of Geriatric Hip Fracture Patients"
  - Gerontological Society of America  
Washington, DC., November 21, 1987
6. "Treatment of Pigmented Villonodular Synovitis By Radiation Synovectomy: An Adjuvant to Surgical Synovectomy"
  - American Rheumatism Association  
Houston, TX., May 27, 1988
7. "Factors Predicting Acute Care Hospital Length of Stay for Geriatric Hip Fracture Patients"
  - New York State Association of Gerontological Educators  
Albany, NY., October 12, 1988
8. "Internal Fixation of Intertrochanteric Hip Fractures: Question of Plate-Angle"
  - Orthopaedic Research Society  
Las Vegas, NV., February 8, 1989
9. "Hip Fractures in Geriatric Patients: How Can We Optimize Outcomes?"
  - American Academy of Orthopaedic Surgeons  
Las Vegas, NV., February 12, 1989
10. "Functional Status and Survival of Aged Hip Fracture Patients"
  - Gerontological Society of America  
Minneapolis, MN., November 20, 1989
11. "The Safety of Radiation Synovectomy with Dysprosium-165-Ferric Hydroxide Macroaggregates as Established by Serial Chromosomal Analysis"
  - American College of Rheumatology - Northeast Regional Meeting  
New York, NY., May, 1990
12. "The Role of Radiation Synovectomy in the Treatment of Pigmented Villonodular Synovitis of the Knee"
  - American College of Rheumatology  
Seattle, WA., October 31, 1990
13. "Epidemiology of Hip Fractures in New York City: 1982-1986"
  - Third International Symposium on Osteoporosis and Consensus Development Conference  
Copenhagen, Denmark, October 14-20, 1990
14. "Anterior Shoulder Repairs Using a Suture-to-Bone Anchor: Description of Technique and Clinical Results"
  - American Academy of Orthopaedic Surgeons  
Anaheim, CA., March 7-12, 1991
15. "Comparison of Prefracture Characteristics of Femoral Neck and Intertrochanteric Hip Fracture Patients"
  - American Geriatrics Society  
Chicago, IL., May, 1991
16. "The Effect of Age, Speed and Dominance on Motor Output in Three Axes of Shoulder Movement in Untrained Males"
  - Orthopaedic Research Society  
Washington, DC., February 18, 1992

17. “Biomechanical Evaluation of the Gamma Nail for the Treatment of Intertrochanteric Hip Fractures”
  - . American Academy of Orthopaedic Surgeons  
Washington, DC., February 23, 1992
18. “The Histology and Clinical Significance of Fracture Blisters”
  - . Orthopaedic Trauma Association  
Seattle, WA., October 31 - November 2, 1991
  - . American Academy of Orthopaedic Surgeons  
Washington, DC., February 20-25, 1992
19. “Technical Pitfalls in the Use of the Sliding Hip Screw for the Treatment of Intertrochanteric Fractures”
  - . Orthopaedic Trauma Association  
Seattle, WA., October 31 - November 2, 1991
  - . American Academy of Orthopaedic Surgeons  
Washington, DC., February 20-25, 1992
20. “The Influence of Coracoacromial Arch Anatomy on the Incidence of Rotator Cuff Tears”
  - . International Conference on Surgery of the Shoulder  
Paris, France, July 12-15, 1992
  - . American Academy of Orthopaedic Surgeons  
Washington, DC., February 25, 1992
  - . Orthopaedic Research Society  
Washington, DC., February 18, 1992
21. “The Effect of Surgical Delay on Outcome in Geriatric Hip Fracture Patients”
  - . American Orthopaedic association  
Toronto, Canada, June 22-25, 1992
22. “Internal Fixation of Proximal Humerus Fractures: A Biomechanical Cadaver Study”
  - . Orthopaedic Trauma Association  
Minneapolis, MN., October 1992
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 1993
23. “The Development of a Functional Rating Score for Geriatric Hip Fracture Patients”
  - . American Geriatrics Society  
Washington, DC., November 15, 1992
24. “Evaluation of Screw Designs for Hip Fracture Fixation”
  - . American Academy of Orthopaedic surgeons  
San Francisco, CA., February 20, 1993
25. “The Influence of Acromial Morphology on Rotator Cuff Tears”
  - . American Academy of Orthopaedic Surgeons  
New Orleans, LA., February 24 - March 1, 1994

26. “DRG’s and the Cost of Orthopaedic Implants”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., February 24 - March 1, 1994
27. “A Biomechanical Evaluation of Five Fixation Techniques for Vertical Shear Fractures of the Medial Malleolus”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., February 24 - March 1, 1994
28. “Design and Evaluation of a Telemetrized Shoulder Prosthesis”
  - American Academy of Orthopaedic Surgeons  
Orlando, FL., February 17, 1995
29. “Finite Element Analysis of Glenoid Components”
  - American Academy of Orthopaedic Surgeons  
Orlando, FL., February 18, 1995
30. “Circumstances of Falls Leading to Hip Fracture in an Ambulatory, Community Dwelling Elderly Population”
  - American Geriatrics Society  
Washington, DC., May 20, 1995
31. “The Effect of Anesthetic Technique on In-hospital Morbidity and Mortality in Hip Fracture Patients”
  - American Geriatrics Society  
Washington, DC., May 20, 1995
32. “Treating Musculoskeletal problems in the Aging Patient. Are You Ready to Make Important Distinctions in Care?”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 22-26, 1996
33. “Allografts in Orthopaedic Surgery: The Costs of Advancing Technology”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 22-26, 1996
34. “A New Technique for Stabilization of Complex Intertrochanteric Hip Fractures”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 23, 1996
35. “Examination of the Lateral Antebrachial Cutaneous Nerve: An Anatomic Study in Human Cadavers”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 23, 1996
36. “Cost Analysis of Revision Hip and Knee Replacement: Impact of the Implants”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 24, 1996
37. “Hemiarthroplasty for Advanced Glenohumeral Arthritis Complicated by Massive Rotator Cuff Deficiency”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 26, 1996

38. “The Effect of Instability and Subsequent Anterior Shoulder Repair on Proprioceptive Ability”
  - American Academy of Orthopaedic Surgeons  
Atlanta, GA., February 26, 1996
39. “Dependency After Hip Fracture in Geriatric Patients: A Study of Predictive Factors”
  - American Geriatrics Society  
Chicago, IL., February 8, 1996
40. “The Predictive Value of Intraoperative Gram Stains in the Diagnosis of Infected Total Joint Replacement at Revision Surgery”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 14, 1997
41. “Normal Elbow Proprioception and the Effect of Elastic Bandage and Local Intraarticular Anesthesia”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 13, 1997
42. “Optimal Fixation of Subcapital Femoral Neck Fractures with Posterior Comminution”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 15, 1997
43. “Treatment of Reverse Obliquity Femur Fractures: A Biomechanical Study”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 15, 1997
44. “The Value of Intraoperative Frozen Section in Revision Total Knee Arthroplasty”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 17, 1997
45. “Anatomy of the Sternoclavicular Joint”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 15, 1997
46. “Is the Bicipital Groove a Useful Reference for TSR Orientations?”
  - American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 14, 1997
47. “Long Term Functional Outcome Following Repair of Large and Massive Rotator Cuff Tears”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 21, 1998
48. “An Electromyographic Evaluation of the Biceps Muscle During Provocative Testing”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 21, 1998
49. “Magnetic Resonance Angiography of the Glenohumeral Joint in Patients with Labral Tears and Instability”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 21, 1998
50. “Long-term Results of Cemented Metal-Backed Acetabular Components”
  - American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 20, 1998

51. “The Use of Indium-111 Leukocyte Scans for Determining Residual Infection Following Resection Arthroplasty”
  - . American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 19, 1998
52. “Structural Acetabular Bone-Grafts in Non-Cemented Total Hip Arthroplasty”
  - . American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 19, 1998
53. “Pitfalls in the Management of Proximal Humerus Fracture”
  - . American Academy of Orthopaedic Surgeons  
New Orleans, LA., March 19-23, 1998
54. “The Efficacy of Preoperative Skin Traction After Hip Fractures: A Prospective Randomized Study”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 4, 1999
55. “Outcome After Hip Fracture: The Effect of Stroke”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 4, 1999
56. “The Safety of Reinfusing Unwashed Wound Drainage in the PACU”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 5, 1999
57. “Are Available Glenoid Components Optimally Sized?”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 6, 1999
58. “A Comparison of Nonoperative and Operative Treatment of Type II Distal Clavicle Fractures”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 6, 1999
59. “Hip Fractures in Nonagenarians”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 6, 1999
60. “Mortality Risk After Hip Fracture”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 6, 1999
61. “The Effects of Nutritional Status on Outcome After Hip Fracture”
  - . American Academy of Orthopaedic Surgeons  
Anaheim, CA., February 6, 1999
62. “Risk Factors for a Subsequent Hip Fracture”
  - . Orthopaedic Trauma Association  
Charlotte, NC., October 20, 1999
63. “Vertical Sheer Fractures of the Femoral Neck”
  - . Orthopaedic Trauma Association  
Charlotte, NC., October 20, 1999

64. "Are Three Screws Really Necessary for fixation of Femoral Neck Fractures"
  - . Orthopaedic Trauma Association  
Charlotte, NC., October 20, 1999
65. "Five Year Mortality After Hip Fracture: Is There a Difference Between Young-Old and Old-Old?"
  - . Orthopaedic Trauma Association  
Charlotte, NC., October 20, 1999
66. "Outcome After Hip Fracture in Individuals 90 Years of Age and Older"
  - . Annual Meeting of the American Public Health Association  
Chicago, IL., November 12-14, 1999
  - . Annual Meeting of the American Geriatric Society  
Nashville, TN., May 18, 2000
67. "Predictors of Discharge to Nursing Home Following Hip Fracture Surgery: Likelihood Now Greater than 1986"
  - . Annual Meeting of the American Public Health Association  
Chicago, IL., November 12-14, 1999
68. "The Most Efficient Method of Avoiding Allogeneic Transfusion in Patients Undergoing Total Knee Replacement"
  - . Annual Meeting of the American Association of Blood Banks  
San Francisco, CA., November 15, 1999
69. "The Real Cost of Avoiding Blood Transfusions During THR"
  - . American Academy of Orthopaedic Surgeons  
Orlando, FL., March 15-19, 2000
70. "Cancellous Bone Grafting for Acetabular Defects in Conjunction with Non-Cemented Components"
  - . American Academy of Orthopaedic Surgeons  
Orlando, FL., March 15-19, 2000
71. "In-Hospital Mortality Following Femoral Neck Fracture: Is There a Difference Between Internal Fixation and Hemiarthroplasty"
  - . American Academy of Orthopaedic Surgeons  
Orlando, FL., March 15-19, 2000
72. "Effect of Depressive Symptoms on Functional Recovery following Hip Fracture"
  - . Annual Meeting of the American Geriatric Society  
Nashville, TN., May 18, 2000
73. "Pain and Delirium in Elderly Hip Fracture Patients"
  - . Orthopaedic trauma Association  
San Antonio, TX., October 16, 2000
  - . American Academy of Orthopaedic Surgeons  
San Antonio, TX., October 16, 2000
74. "Functional Outcome Following Hip Fracture: Effect of Anemia"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001



75. "Unipolar versus Bipolar Hemiarthroplasty: A Prospective Evaluation of Long-Term Functional Outcome Following Femoral Neck Fracture"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001
76. "Predictors of Discharge to Nursing Home Following Hip Fracture Surgery: 2000 vs. 1985"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001
77. "Secular Trends of Hip Fracture in New York State: 1985 through 1996"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001
78. "Financial Considerations for Orthopaedic Residents"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001
79. "Posterior Capsulorrhaphy for Treatment of Recurrent Posterior Glenohumeral Instability"
  - . American Academy of Orthopaedic Surgeons  
San Francisco, CA., February 28 - March 3, 2001
80. "Predictors of Discharge to Nursing Home in Hip Fracture Patients"
  - . American Geriatrics Society  
Washington, DC., May 8 - 11, 2002
81. "Use of Lovenox for Thromboprophylaxis in Hip Fracture Patients"
  - . American Geriatrics Society  
Washington, DC., May 8 - 11, 2002
82. "Gender Differences in Hip Fracture Patients: Greater Risk of Morbidity and Mortality in Men"
  - . American Public Health Association  
Philadelphia, PA., November 11, 2002
83. "Predictors of Discharge to Nursing Home Following Hip Fracture Surgery: Likelihood Now Greater than in 1985"
  - . American Geriatrics Society  
Washington, DC., May 10, 2002
84. "Thromboprophylaxis Following Hip Fracture: A Prospective Evaluation"
  - . American Geriatrics Society  
Washington, DC., May 10, 2002
85. "Gender Differences in Hip Fracture Patients: A Greater Risk of Morbidity and Mortality in Men"
  - . Annual Meeting of the American Public Health Association  
Philadelphia, PA., November, 2002
86. "Predictors of Mortality in Elderly Patients following Hip Fracture: A Prospective Evaluation"
  - . Annual Meeting of the American Public Health Association  
Philadelphia, PA., November, 2002
87. "Recurrent Anterior Instability with Onset after Forty Years of Age"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, LA., February, 2003

88. "Revision Anterior Shoulder Reconstruction for Recurrent Anterior Instability"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, LA., February, 2003
89. "A Survey of Decision-making Processes in the Treatment of Common Shoulder Ailments Amongst Primary Care Physicians"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, LA., February, 2003
90. "Outcome and Patient Satisfaction of Arthroscopic Rotator Cuff Repair vs. Mini-Open Repair: 3-4 Years Following"
  - . Annual Meeting of Shoulder and Elbow Surgeons  
Dana Point, CA., October, 2003
91. "Analysis of Conflict of Interest at the Annual Meeting of the Orthopaedic Trauma Association"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Francisco, CA., March, 2004
92. "New Techniques for the Fixation of Fractures in Osteoporotic Bone"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Francisco, CA., March, 2004
93. "Glenoid Loosening in Response to Multi-axis Eccentric Loading: A Comparison of a Keeled and Pegged Design"
  - . French Society of Arthroscopy  
Bordeau, France, September, 2004
94. "A Three Dimensional Analysis of the Bicipital Groove: Implications for the Design of Hemiarthroplasty for proximal Humeral Fractures"
  - . Annual Meeting of the Shoulder and Elbow Surgeons  
New York, NY., October, 2004
  - . French Society of Arthroscopy  
Bordeau, France, September, 2004
95. "Reconstruction of Anatomic Humeral Head Retroversion Following Four-part Fractures of the proximal Humerus: A Comparison of Two Techniques"
  - . Annual Meeting of the Orthopaedic Research Society  
Washington, DC., February, 2005
  - . French Society of Arthroscopy  
Bordeau, France, September, 2004
  - . Pan Hellenic Orthopaedic Congress  
Athens, Greece, May, 2005
96. "Complications of Hagie Pin Fixation for Acute Midshaft Clavicle Fractures"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
Washington, DC., February, 2005
97. "An Assessment of the Effect of Humeral Head Impaction Fracture Size on Glenohumeral Stability"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
Chicago, IL., March 22-26, 2006

98. "Survey of Primary Care Physicians on the Decision Making Process for Common Knee Complaints"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
Chicago, IL., March 22-26, 2006
99. "Geometric Analysis of the Grammont Reverse Shoulder Prosthesis: An Evaluation of the Relationship between Prosthetic Design Parameters and Clinical Failure Modes"
  - . Annual Meeting of the Orthopaedic Research Society  
San Diego, CA., February, 2007
100. "Revision Shoulder Arthroplasty: An analysis of Indications and Outcomes"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Diego, CA., February 14-18, 2007
101. "A Comparative Assessment of the Range of Motion and Stability Associated with Two Different Reverse Shoulder Designs"
  - . Annual Meeting of the Orthopaedic Research Society  
Las Vegas, NV, February 22-24, 2009
102. "Reverse Shoulder Design Parameters Optimization Using the Grammont Reverse Shoulder"
  - . Annual Meeting of the Orthopaedic Research Society  
Las Vegas, NV, February 22-24, 2009
103. "Assessment of Acromioclavicular Joint Injection Accuracy"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
Las Vegas, NV, February 25-28, 2009
104. "Gender and Race Characteristics in Patients Undergoing Hip and Knee Replacement in an Urban Setting"
  - . Annual Meeting of the American Academy of Orthopaedic Surgeons  
Las Vegas, NV, February 25-28, 2009
  - . Annual Meeting of the American Orthopaedic Society of Sports Medicine  
San Diego, CA, July 7-10, 2011
105. "Fixation of a Novel Minimally Cemented, Posteriorly-augmented Glenoid Prosthesis"
  - . DVSE Congress  
Rosenheim , Germany, May 7-8, 2010
106. "Scapular Notching Radiographic Analysis: Recommendations for Glenoid Plate Positioning and Glensphere Overhang in Male and Female Patients"
  - . Orthopaedic Research Society  
San Francisco, CA, February 4-7, 2012
107. "Validation of a Reverse Shoulder Impingement Model: Influence of Glenoid Plate Positioning on Scapular Notching"
  - . Orthopaedic Research Society  
San Francisco, CA, February 4-7, 2012

108. "A Correlation of Five Commonly Used Clinical Metrics to Measure Outcomes in Shoulder Arthroplasty"  
Orthopaedic Research Society  
San Francisco, CA, February 4-7, 2012
109. "Primary Total Shoulder Arthroplasty Performed Through the Rotator Interval: Subscapularis and Deltoid Sparing Technique"  
. Annual Meeting of the American Academy of Orthopaedic Surgery  
San Francisco, CA, February 7 - 11, 2012
110. "Treatment of Glenohumeral Bone Loss in Glenohumeral Instability"  
. Annual Meeting of the American Academy of Orthopaedic Surgery  
San Francisco, CA, February 7 - 11, 2012
111. "Is Simultaneous Bilateral Total Knee Arthroplasty (BTKA) as Safe as Staged BTKA?"  
. Annual Meeting of the American Academy of Orthopaedic Surgery  
San Francisco, CA, February 7 - 11, 2012
112. "The Effect of Shoulder Immobilization During Performance"  
. Annual Meeting of the American Academy of Orthopaedic Surgery  
San Francisco, CA, February 7 - 11, 2012
113. "Primary TSA Through the Rotator Interval: Subscapularis and Deltoid Sparing Approach"  
AAOS Annual Meeting  
San Francisco, CA, February 8 - 10, 2012
114. "Reverse Shoulder Glenoid Loosening: An Analysis of Implant Fixations in Two Different Substrates"  
. 13<sup>th</sup> EFORT Congress  
Berlin, Germany, May 24, 2012
115. "A Metric to Evaluate Clinical Skills and Professionalism in Orthopaedic Residency Training"  
. Annual Meeting of the American Orthopaedic Association  
Washington, D.C., June 27 - 30, 2012
116. "Comparative Strategies for Management of Deep Prosthetic Shoulder Infection"  
. 2012 Closed Meeting of the ASES  
Sea Island, GA, October 11 - 14, 2012
117. "Revision Total Joint Arthroplasty: The Epidemiology of 63,140 Cases in New Yourk State"  
. 2012 Annual Meeting of the Association of Arthritic Hip and Knee Surgeons  
Dallas, TX, November 1 - 3, 2012
118. "Asymmetric Tensioning of the Rotator Cuff by Changing Retroversion in Reverse Shoulder Arthroplasty"  
. ICSES 2013  
Nagoya, Japan, April 10 - 12, 2013
119. "The Effect of Reverse Shoulder Design on the Moment Arms of Muscles Surrounding the Joint During Abduction Motion"  
. ICSES 2013  
Nagoya, Japan, April 10 - 12, 2013

120. "Correlation of Reverse Shoulder Implant Positioning with Scapular Notching and Bone Spurs: Minimum Follow-Up of 2 Years"  
ICSES 2013  
Nagoya, Japan, April 10 - 12, 2013
121. "Biomechanical Analysis of 3 Commonly Available Reverse Shoulder Designs in a Normal and Medially Eroded Scapula"  
ICSES 2013  
Nagoya, Japan, April 10 - 12, 2013
122. "Combined Email and In-Office Technology Improves Patient Reported Outcomes Collections in Standard Orthopaedic Care"  
AAOS Annual Meeting  
New Orleans, LA, March 12 - 15, 2014
123. "Proximal Humerus Fractures 2014: Rehabilitation, Repair, Replace or Reverse"  
AAOS Annual Meeting  
New Orleans, LA, March 12 - 15, 2014
124. "Comparison of Bone Removed with Reverse Total Shoulder Arthroplasty"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
125. "Scapula Anatomy Study with Consideration to Reverse Total Shoulder Arthroplasty Biomechanics and Design"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
126. "Humeral Anatomy Study: A Comparison of Male and Female Shoulders with Similar Average Age and BMI"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
127. "A Comparison and Correlation of Clinical Outcome Metrics in Anatomic and Reverse Total Shoulder Arthroplasty"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
128. "Reverse Shoulder Glenoid Baseplate Fixation: A Comparison of Flat Back vs. Curve Back Designs and Oval vs. Round Designs with Two Different Offset Glenspheres"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
129. "Restoring Rotator Cuff Muscle Tension in Patients with Posterior Glenoid Wear Using Total Shoulder Arthroplasty"  
Orthopaedic Research Society  
New Orleans, LA, March 15 - 18, 2014
130. "Cost Effective Trauma Implant Selection"  
AAOS Annual Meeting  
New Orleans, LA, March 12 - 15, 2014

131. “Glenohumeral Anatomy Study: A Comparison of Male and Female Shoulder with Similar Average Age and BMI”  
SELEL-ESSE  
Çapari, Istanbul, 2014
132. “Objective Structured Clinical Exams and the Orthopaedic In-Training Exam (OITE) Do Assess Different Facets of the Resident Physician”  
Council of Orthopaedic Resident Directors  
Denver, CO, June 20 - 21, 2014
133. “Objective Structured Clinical Exams to Assess Communications in Interns and Senior Residents: What are the Differences?”  
Council of Orthopaedic Resident Directors  
Denver, CO, June 20 - 21, 2014
134. “Ethical Considerations of Informed Consent: Are Orthopaedic Residents Themselves Properly Informed?”  
AOA/COA Combined Meeting  
Denver, CO, June 20 - 21, 2014
135. “Modern Treatment of 3 and 4-Part Proximal Humerus Fractures: ORIF Compared to Reverse Total Shoulder Arthroplasty”  
AAOS Annual Meeting  
Las Vegas, NV, March 24 - 27, 2015
136. “Impact of Humeral Offset on Muscle Length with Reverse Shoulder Arthroplasty”  
Orthopaedic Research Society  
Las Vegas, NV, March 28 - 31, 2015
137. “Glenohumeral Anatomy Study: a comparison of male and female shoulders with similar age and BMI”  
Orthopaedic Research Society  
Las Vegas, NV, March 28 - 31, 2015
138. “Optimizing Deltoid Efficiency with rTSA Using a Novel Glenosphere Geometry”  
Orthopaedic Research Society  
Las Vegas, NV, March 28 - 31, 2015
139. “Clinical Outcome Comparison of Augmented Components vs. Glenoid Bone Graft with Reverse TSA”  
ISTA Annual Meeting  
Vienna, Austria, September 30 - October 3, 2015

140. “Rate of Improvement in Clinical Outcomes with Anatomic and Reverse Total Shoulder Arthroplasty”  
ISTA Annual Meeting  
Vienna, Austria, September 30 - October 3, 2015
141. “Comparison of Clinical Outcomes with Posteriorly Augmented Glenoid Components with a TSA and an rTSA”  
ISTA Annual Meeting  
Vienna, Austria, September 30 - October 3, 2015
142. “The Effect of Shooting Firearms on Reverse Shoulder Baseplate Fixation”  
ISTA Annual Meeting  
Vienna, Austria, September 30 - October 3, 2015
143. “General or Regional Anesthesia for Total Shoulder Arthroplasty: Incidence, Associate Factors and Morbidity”  
American Academy of Orthopaedic Surgeons Annual Meeting  
Orlando, FL, March 1 - 5, 2016
144. “LIMA: Lifetime Initiatives for the Management of Arthritis: Understanding Arthritis as a Disease State”  
American Academy of Orthopaedic Surgeons Annual Meeting  
Orlando, FL, March 1 - 5, 2016
145. “Analysis of Glenoid Fixation Anatomic Total Shoulder Arthroplasty in Extreme Cyclic Loading Scenarios”  
Orthopaedic Research Society  
Orlando, FL, March 5 - 8, 2016
146. “A Comparison and Correlation of Clinical Outcome Metrics in aTSA and rTSA”  
Orthopaedic Research Society  
Orlando, FL, March 5 - 8, 2016
147. “Correlation Between Clinical Outcomes and Anatomic Reconstruction with Anatomic Total Shoulder Arthroplasty”  
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148. “Impact of Posterior Glenoid Wear on Reverse Shoulder Glenoid Fixation”  
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## Multimedia

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2. Kubiak, E. And Zuckerman, J.D.: Cemented vs. Cementless Fixation: Various Approaches to Improving the Gold Standard. Web MD, 2003
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5. Mahoney, A. and Zuckerman, J.D.: When Should You Do an Open Rotator Cuff Repair, ICJR.net, 2013
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1. “Zickel Nailing for Subtrochanteric Fractures” - Periarticular Fractures in the Elderly, AAOS Summer Institute, September 14-15, 1989.
2. “Treatment of Intertrochanteric Hip Fractures” - Interactive Educational Presentation at the Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA., March 19-23, 1998.
3. “Treatment of Humeral Shaft Fractures” - Interactive Educational Presentation at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Dallas, TX., February 13-17, 2002.
4. “Hemiarthroplasty for Proximal Humerus Fracture: An Anatomic Prosthesis with Emphasis on Tuberosity Reattachment Technique” - Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL., March 22-26, 2006.
5. “Achieving Maximum Exposure in TSA: How Patient Positioning and Reproducible Releases Facilitate TSA” - Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA., February 14-18, 2007.
6. “Rotator Cuff Sparing Total Shoulder Arthroplasty” - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, February 7-11, 2012.
7. “Biomechanical Summary of Reverse Shoulder Arthroplasty” - Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.

8. "Management of Glenoid Bone Loss in Shoulder Arthroplasty" - American Academy of Orthopaedic Surgeons, March 1 - 5, 2016

#### Audio Tapes

1. "Sternoclavicular and Acromioclavicular Joint Injuries" - *Audio-Digest* 16:9, September 1993.
2. "Unstable Intertrochanteric Fractures" - *Audio-Digest* 17:11, November 1994.

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  - (2) Perry, C.R. and Zuckerman, J.D.: "Principles of Fracture Treatment in the Elderly"
  - (3) Zuckerman, J.D. and Schon, L.: "Hip Fractures"
  - (4) Moskovich, R. And Zuckerman, J.D.: "Pelvic and Acetabular Injuries"
  - (5) Zuckerman, J.D. and Buchalter, J.: "Shoulder Injuries"
  - (6) Zuckerman, J.D. and Lubliner, J.: "Arm, Elbow & Forearm Injuries"
  - (7) Newport, M.L. and Zuckerman, J.D.: "Periprosthetic Fractures"
  - (8) Sakales, S.R. and Zuckerman, J.D.: "Results of a Comprehensive Care Program for Geriatric Hip Fracture Patients"
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11. Zuckerman, J.D. and Koval, K.J.: Fractures About the Shoulder: A Practical Guide to Management, Thieme Publishers, New York, 2005.  
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  - (6) Chen, A., Hunt, S. And Zuckerman, J.D.: "Impression and Head-Splitting Fractures"
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