

November 12, 2011

CURRICULUM VITAE

STEVE ALAN PETERSEN, MD

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments:

Co-Director, Division of Shoulder Surgery
Co-Director, Johns Hopkins Shoulder Fellowship
Associate Professor
Department of Orthopaedic Surgery
Johns Hopkins University School of Medicine

Active Staff Physician,
Director, Shoulder Service
Johns Hopkins Orthopaedics at Good Samaritan Hospital
Baltimore, MD 21239

Personal Data: DOB: 7-9-54
 Place of Birth: Berwyn, IL
 Citizenship: U.S.
 Family: Married, two children

Office Address: 10753 Falls Road
 Pav II, Suite 305
 Lutherville, MD 21093

Office Telephone: (410)847-3517
Office Fax: (410)583-2963
Email: **speter30@jhmi.edu**

Education and Training:

Undergraduate:

September, 1972 - June, 1976
Baccalaureate of Arts
Monmouth College, Monmouth, IL
Chemistry, Magna Cum Laude

Doctoral/Graduate:

September, 1977 – June, 1981

Medical Degree
Rush Medical College, Chicago, IL
Alpha Omega Alpha Honor Medical Society

August, 1989

Masters Degree
Mayo Graduate School of Medicine, Rochester, MN
Biomedical Sciences – Orthopaedics

Postdoctoral:

Internship/Resident Training:

June, 1981 - July, 1986

Mayo Graduate School of Medicine Rochester, MN
Orthopaedic Surgical Residency

Fellowships:

June, 1986 - July, 1987

Clinical Investigator Program
Mayo Graduate School of Medicine
Department of Orthopaedic Surgery

July, 1991 - January, 1992

Steadman-Hawkins Clinic, Vail, CO
R.J. Hawkins' Sports Medicine/Shoulder Fellowship

September, 1999

American Shoulder and Elbow Surgeons European Exchange Shoulder Fellowship

Professional Experiences:

1987 - 1991

Assistant Chief, Orthopaedic Surgery Service
Director, Orthopaedic Resident Education
Co-Director, Total Joint Arthroplasty Service
Chief, Orthopaedic Clinic

Letterman Army Medical Center, Presidio of San Francisco, CA.

1992 – 1994

Chief, Adult Reconstructive Services
Department of Orthopaedic Surgery
Allen Park Veteran's Administration Hospital, Allen Park, MI.

1992 – 1994

Assistant Professor
Chief, Adult Reconstruction
Department of Orthopaedic Surgery
Wayne State University School of Medicine
Detroit Medical Center Affiliated Hospitals, Detroit, MI.

1994 - 1995

Director, Great Lakes Orthopaedics
Active, Medical Staff
MacNeal Memorial Hospital, Berwyn, IL.

1995 – 2007

Associate Professor
Chief, Adult Reconstructive and Shoulder Service
Department of Orthopaedic Surgery
Wayne State University School Of Medicine
Detroit Medical Center Affiliated Hospitals, Detroit, MI.

1996 - 2007

Associate Director, Orthopaedic Residency Program
Department of Orthopaedic Surgery
Wayne State University, School of Medicine, Detroit, MI.

1996 – 2003

Chief, Department of Orthopaedic Surgery
Hutzel Hospital, Detroit, MI

1999 - 2007

Active Staff Physician, Department of Orthopaedic Surgery
St. John Macomb Hospital, Warren, MI.

2003 – 2007

Chief, Department of Orthopaedic Surgery

Michigan Orthopaedic Specialty Hospital, Madison Heights, MI.

July 2005 – December 2005

Acting Chair, Department of Orthopaedic Surgery
Wayne State University, School of Medicine, Detroit, MI.

2006 – 2007

Associate Chair
Department of Orthopaedic Surgery
Wayne State University, School of Medicine, Detroit, MI.

2007- Present

Co-Director, Division of Shoulder Surgery
Co-Director, Johns Hopkins Shoulder Fellowship
Assistant Professor 1/1/07-6/30/08
Associate Professor 7/1/08-present
Department of Orthopaedic Surgery
Johns Hopkins Medicine, Baltimore, MD.

Active Staff Physician
Director, Shoulder Service, Good Samaritan Hospital
Johns Hopkins Orthopaedics at Good Samaritan Hospital, Baltimore, MD.

Assistant Team Physician, Baltimore Orioles Baseball Club, 2007-present

RESEARCH ACTIVITIES

Publications:

1. Vallier GT, **Petersen SA**, LaGrone MO: The Keller Resection Arthroplasty: A 13 Year Experience. Foot and Ankle 1991;11:187-194.
2. Neumann CH, **Petersen SA**, Jahnke AH, Jr, Steinbach LS, Morgan FW, Helms CA, Genant HK, Farley TE: MRI in the Evaluation of Patients with Suspected Instability of the Shoulder Joint Including a Comparison with CT-Arthrography. FORTSCHV RONTGENSTR 1991;154.
3. Weber WN, Neumann CH, Barakos AA, **Petersen SA**, Steinbach LS, Genant HK: Lateral Tibial Rim, "Segond" Fractures": MR Imaging Characteristics. Radiology 1991;180:731-734.

4. Neumann CH, **Petersen SA**, Jahnke AH Jr: MRI Imaging of the Labral Capsular Complex: Normal Variations. AJR 1991;157:1015-1021.
5. Farley TE, Neumann CH, Steinbach IS, Jahnke AJ, **Petersen SA**: Full thickness tears of the rotator cuff of the shoulder: Diagnosis with MR imaging. AJR 1992;158:347-351.
6. Farley TE, Neumann CH, Steinbach LS, Jahnke AH Jr, **Petersen SA**: MR Imaging of the Shoulder: Appearance of the Supraspinatus Tendon in Asymptomatic Volunteers. AJR 1992;158:1281-1287.
7. Jahnke AH Jr, **Petersen SA**, Neumann CH, Steinbach LS: A Prospective Comparison of CT-Arthrography and MRI of the Glenohumeral Joint. Am J of Sports Med. 1992;20:695-701.
8. Jahnke AH Jr, **Petersen SA**, Park PS: A Cavernous Hemangioma Presenting as a Large Calcific Hypothenar Mass. A Case Report and Review of the Literature. 1993;Orthopaedics 16:478-480.
9. Klemme WR, Galvin EG, **Petersen SA**: Unicompartamental Knee Arthroplasty. Clin Ortho Rel Res. 1994;301:233-238.
10. Farley TE, Neumann CH, Steinbach LS, **Petersen SA**: The Coracoacromial Arch: MR Evaluation and Correlation with Rotator Cuff Pathology. Skel Radiology 1994;23:641-645.
11. Klemme WR, **Petersen SA**: Avulsion of the Triceps Brachii with Selective Radial Neuropathy: A Case Report and Review of the Literature. Orthopaedics 1995;18:285-287.
12. Wooley PH, **Petersen SA**, Song Z, Nasser S: Cellular Immune Responses to Orthopaedic Implant Materials Following Cemented Total Joint Replacement. J Orthop Res. 1997;15:874-880.
13. Andary J, **Petersen SA**: The Vascular Anatomy of the Glenohumeral Capsule and Ligaments: An Anatomic Study. Bone Joint Surgery Am. 2002; 84-A: 2258-65.
14. Meehan R, **Petersen SA**: Factors Affecting Outcome of Revision Surgery for Shoulder Instability. J Shoulder Elbow Surg. 2005;14: 31-37.
15. Grutter P, **Petersen SA**: Anatomic Acromioclavicular Ligament Reconstruction: A Biomechanical Comparison of Reconstructive Techniques of the Acromioclavicular

- Joint. *Am J of Sports Med.* 2005;33:1723-1728.
16. Koh SW, Cavanaugh JM, Mason MJ, **Petersen SA**, Marth DR, Rouhana SW, Bolte JH: Shoulder Injury and Response Due to Lateral Glenohumeral Joint Impact: Analysis of combined Data. *Stapp Car Crash Journal* 2005;4: 291-322.
 17. McFarland EG, Srikumaran U, **Petersen SA**, Jia X, Fayad LM: How to make sense of shoulder MRI: determining when to treat and when to refer. *J Musculoskeletal Med.* 2007;24:500-506.
 18. Chronopoulos E, Gill HS, Freehill MT, **Petersen SA**, McFarland EG: Complications after open distal clavicle excision, *Clin Orthop Rel Res.* 2008;466:646-651.
 19. Jia X, Ji JH, **Petersen SA**, Keefer J, McFarland EG: Clinical evaluation of the shoulder shrug sign. *Clin Orthop Rel Res.* 2008;466:2813-2819.
 20. Phipatanakul W, **Petersen SA**: Porcine small intestine submucosa xenograft augmentation in repair of massive rotator cuff tears. *Am J Orthop.* 2009; 38:572-577.
 21. Holcomb J, Cuff D, **Petersen SA**, Pupello D, Frankle MA: Revision reverse shoulder arthroplasty for glenoid baseplate failure after primary reverse arthroplasty. *J Shoulder Elbow.* 2009;18:717-723.
 22. McFarland EG, Srikumaran U, Freehill MT, Vinodhkumar P, **Petersen SA**: Indications for the reverse prosthesis. *Minerva Orthop Traumatol.* 2009; 60:61-74.
 23. Jia X, **Petersen SA**, Freehill MT, McFarland EG: An analysis of shoulder laxity in patients undergoing shoulder surgery. *J Bone Joint Surg. Am.* 2009;91 (9):2144-2150.
 24. Jia, X, **Petersen SA**, Khosrarvi AH, Almaredi V, Pannirselvam V, McFarland EG: Examination of the shoulder: the past, the present, and the future. *J Bone Joint Surg. Am.* 2009;91(Suppl 6):10-18.
 25. McFarland EG, Tanaka, MJ, Garzon-Muvdi J, Jia X, **Petersen SA**: Clinical assessment for superior labrum anterior-posterior lesions. *Current Sports Med. Rep.* 2009;8 (5):234-239.
 26. McFarland EG, Garson-Muvdi J, Jia X, Desai P, **Petersen SA**: Clinical and diagnostic tests for shoulder disorders: a critical review. *Br J Sports Med.* 2009; Epub ahead of print (doi:10.1136/bjism.2009.067314).

27. **Petersen SA**, Murphy TP: The timing of rotator cuff repairs for the restoration of function. J Shoulder Elbow Surg. 2011; 20(1):62-68.
28. Grutter PW, McFarland EG, Zikria BA, Dia Z, **Petersen SA**: Techniques for suture anchor removal in shoulder surgery. Am J Sports Med. 2010; (38):1706-1710.
29. Johansen J, Grutter PW, McFarland EG, **Petersen SA**: Acromioclavicular Joint Injuries: Indications for Treatment and Treatment Options. J Shoulder Elbow Surg. 2011;20(Suppl):S70-S82.
30. Jia X, Ji JH, Pannirselvam V, **Petersen SA**, McFarland EG: Does a positive Neer impingement sign reflect rotator cuff contact with the acromion? Clin Orthop Relat Res. Epub ahead of print. 2010;10.1007/s11999-010-1590-3
31. Petre BM, Grutter PW, Rose DM, Belkoff SM, McFarland EG, **Petersen SA**: Triceps Tendons: A Biomechanical Comparison of Intact and Repaired Strength. J Shoulder Elbow Surg. 2011;20(2);213-218.
32. Srikumaran U, Freehill MT, Spiker AM, McFarland EG, **Petersen SA**: Evaluation of Shoulder and Elbow Questions on the Orthopaedic In-Training Examination as an Instrument for Enhancing Exam Preparation. J Bone Joint Surg. Am. 2011;93(11):E63 1-6.
33. Dewan AK, Garzon-Muvdi J, Jia X, **Petersen SA**, McFarland EG. Intraarticular abnormalities in overhead athletes are highly variable. Clin Orthop Relat Res., 2011, In press.

Extramural Funding:

Orthopaedic Research and Education Foundation 372
A Comparison of Different Treatment Methods for Chronic Osteomyelitis, the Subsequent Changes in Local Bone Blood Flow and the Application of Magnetic Resonance Imaging as a Technique in the Diagnosis and Treatment of Chronic Osteomyelitis, 1984-1985.
\$8,947
Principle Investigator: **Petersen SA** 100%

Department of Clinical Investigation, Letterman Army Medical Center

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Presidio of San Francisco, CA

A Prospective Comparison Study of Arthrography, Double-Contrast Computerized Arthrotomography and Magnetic Resonance Imaging of the Shoulder, 1988-1990.
\$32,000

Principle Investigator: **Petersen SA** 100%

Hemodynamic and Biochemical Alterations in Cemented and Uncemented Total Hip Arthroplasty, 1989.

\$16,400

Principle Investigator: **Petersen SA** 50%

Orthopaedic Research and Education Foundation

Department of Clinical Investigation,

Letterman Army Medical Center, Presidio of San Francisco, CA

Immunological Responses to Implant Materials in Total Joint Replacement, 1993- 1995.

\$99,106

Co-Principal Investigator: Wooley PH, **Petersen SA** 50%

Don Joy Orthopaedics sponsored Johns Hopkins Institutional Grant for the Johns Hopkins shoulder Fellowship Program, 2008-2011.

\$240,000

Principal Investigator: **Petersen SA**

Research Program Building/Leadership:

1994

Jahnke, AH, Jr., The Biceps Superior Labral Complex: an Arthroscopic and Anatomic Analysis.

Fellowship Basic Science Research Advisor

Steadman-Hawkins Sports Medicine Foundation, Vail, CO.,

1997

Matelic T, The Deltoid Muscle Origin: Pitfalls in Arthroscopic versus Open Approaches to the Anterior Shoulder.

2002

Andary J, The Vascular Anatomy of the Glenohumeral Capsule and Ligaments: An anatomic Study.

2005

Grutter P, Anatomic Acromioclavicular Ligament Reconstruction: A Biomechanical Comparison of Reconstructive Techniques of the Acromioclavicular Joint. Research Advisor, Department of Orthopaedic Surgery, Wayne State University School of Medicine, Detroit, MI. 1997-2005

2008-2010

Freehill MT, Srikumaran U: Neurovascular changes after the Latarjet coracoid bone grafting procedure.

Research Advisor, Johns Hopkins Orthopaedics

2009-2010

Petre BM, Grutter PW: Triceps tendon repair: A biomechanical comparison of repair techniques.

Research Advisor, Johns Hopkins Orthopaedics

2010-2011

Bernard, J, Johansen J: Distal clavicular augmentation for anterior glenoid bone deficiency

2010- 2011

Affonso,J: Arthroscopic treatment for rotator cuff arthropathy

EDUCATIONAL ACTIVITIES:

Educational Publications:

Petersen, SA: Alterations of Bone Blood Flow by a Local Muscle Flap and the Treatment of Chronic Osteomyelitis in a Canine Model. Masters Thesis, Mayo Graduate School of Medicine. Rochester, MN.1989.

Books and Chapters:

1. Fitzgerald RH Jr, Whalen JL, **Petersen SA:** "Musculoskeletal Infections: Pathophysiology of Osteomyelitis and Pharmacokinetics of Antimicrobial Agents in Normal and Osteomyelitic Bone." Esterhai JL Jr, Gristina AG, Poss R (eds), AAOS. 1992:387-399.
2. Unger HR, Neumann CH, **Petersen SA:** "Sports Injuries of the Shoulder: Conservative Management, Magnetic Resonance Imaging." Souza T (ed), Churchill Livingstone, New York, New York. 1994:299-322.

3. **Petersen SA**, Hawkins RJ: "Arthroplasty of the Shoulder," "Revision Shoulder Arthroplasty." Freidman R(ed), Thieme Medical Publishers, Inc.1994:234-241.
4. **Petersen SA**, Fitzgerald RH Jr: "Complications of Orthopaedic Surgery," "Complications of Musculoskeletal Infections." Epps CH(3rd ed), JB Lippincott, Philadelphia, PA 1994: pp155-182.
5. **Petersen SA**: "The Athletes Shoulder, Arthritis and Arthroplasty." Hawkins RJ, Misamore G (eds), Churchill Livingstone, Inc, NY, N 1996:307-324.
6. Hawkins RJ, Noble J, **Petersen SA**: "Master Techniques in Orthopaedic Surgery, Open Reduction and Internal Fixation of Three-Part Proximal Humerus Fracture." Craig EV (ed), Raven Press, NY. 1996:245-258.
7. **Petersen SA**, Hawkins, RJ: "Revision of Failed Total Shoulder Arthroplasty." Orthop Clin of North America. 1998;29:519-533.
8. **Petersen SA**: "Posterior Shoulder Instability." Orthop Clin of North America. 2000; 31: 263-274, 2000.
9. **Petersen SA**. Surgical Exposures. In: Cofield RH, Sperling JW (eds.). Revision and Complex Shoulder Arthroplasty. Lippincott, Williams & Wilkens, Philadelphia, PA. 2009: 65-73.
10. McFarland EG, Garzon-Muvdi J, **Petersen SA**. Clinical history and physical examination. In Romeo A, Provencher M, eds. Shoulder Instability: A Comprehensive Approach. New York: Elsevier; in press. 2011.
11. McFarland EG, **Petersen SA**, Ji JH, Jia X, Krabak BJ: In Nagler W, Singh R (eds.): Shoulder Disorders: A Pocket Guide to Diagnosis and Treatment, in press, Totowa (NJ), Humana Press, 2011.
12. McFarland EG, Johansen JA, Freehill MT, Garzon-Muvdi J, **Petersen SA**: Physical examination of the shoulder and elbow in the baseball player. In Dines JM, El Attrache NS, Yocum LA, Altchek DW, Andrews J, Wilk KE (eds): Sports Medicine of Baseball, Philadelphia: Lippincott Williams and Wilkins, in press, 2011.
13. McFarland EM, Selhi HS, Garzon-Muvdi J, **Petersen SA**: Evaluation and initial treatment of shoulder injuries. In: Mandeep D (ed). Emergency Orthopaedics. 2011.

Other Media:

Co-Author, American Academy of Orthopaedic Surgeons: Orthopaedic In-Training Examination, 1993-1999, 2000.

Co-Author, American Academy of Orthopaedic Surgeons: Orthopaedic Self-Assessment Examination, 1993, 1996, 1999.

Chairman/Editor, American Academy of Orthopaedic Surgeons: Shoulder and Elbow Self Assessment Examination, 2002, 2005.

Teaching:

Classroom Instruction:

1/31/96
Shoulder Biomechanics
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

2/7/96
Shoulder MRI: Applications; Pitfalls
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

2/28/96
Clinical Evaluation of the Shoulder
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

6/29/96
Case Presentations-Adult Reconstruction
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

8/7/96

Journal Club

Leader

Wayne State University Ortho Residents and Attendings
Detroit, Michigan

12/18/96

Case Presentations-Acromioclavicular Joint Injuries

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

12/18/96

Shoulder Injuries and Rehabilitation

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

2/26/97

Anatomy of Shoulder and Arm

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

3/12/97

Anatomy of Shoulder and Arm

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

7/23/97

Journal Club

Leader

Wayne State University Orthopaedic Residents and Attendings

8/6/97

Case presentations-Supracondylar Fractures in the
Same Extremity and Tibial Nonunion

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

8/20/97

Case Presentations

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

9/17/97

Case Presentations-Adult Reconstruction

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

9/24/97

Physiology Bone II

Lecturer

Wayne State University Orthopaedic Residents
Detroit, Michigan

3/25/98

Basic Science

Biomechanics of Upper Extremity

Lecturer

Wayne State University Orthopaedic Resident and Attendings
Detroit, Michigan

9/2/98

Case Presentations-

Diagnosis of Anterior Shoulder Subluxation

Lecturer

Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

11/4/98

Orthopaedic Conditions of the Shoulder

Lecturer

Physical Therapy Master Candidates

Wayne State University Dept of Physical Therapy
Detroit, Michigan

1/27/99

Shoulder Arthritis-Treatment Options

Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

6/23/99
Shoulder Arthroplasty Revision
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

12/8/99
Case Presentations Rotator Cuff Tears
Lecturer
Wayne State University Orthopaedic Grand Rounds
12/8/99
Glenoid Labral Anatomy
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

12/8/99
Shoulder MRI
Lecturer
Wayne State Orthopaedic Grand Rounds
Detroit, Michigan

2/23/00
Anatomy Course- Shoulder/Brachial Plexus
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

10/11/00
Specialty Conference-
An Introduction to the Shoulder-A Practical Approach
to the Shoulder
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

10/11/00
Interesting Cases-The Shoulder

(Instability and Rotator Cuff)
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

12/20/00
Interesting Cases-Shoulder
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

9/12/01
Specialty Conference-
Arthroscopic Shoulder Anatomy-Pearls and Pitfalls
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

12/5/01
"Shoulder Disorders"
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

1/23/02
Basic Science Gross Anatomy-Brachial Plexus /Posterior Shoulder
Lecturer/Instructor
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

10/23/02
Specialty Conference-A Practical Approach to Shoulder Disorders
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

10/23/02
Disorders of the Shoulder

Lecturer
Physical Therapy Master Candidates
Wayne State University Physical Therapy Department
Detroit, Michigan

10/15/03
Shoulder Overview
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

1/28/04
Shoulder Anatomy Lecture with Jessie Wood, Ph.D.
Instructor
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

6/16/04
Shoulder Overview
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

3/16/05
Specialty Conference-
Shoulder Anatomy and Capsulolabral Disorders
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

3/9/05
Disorders of the Shoulder
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

11/30/05
Specialty Conference-
“Shoulder Arthritis”
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

3/8/06
Disorders of the Shoulder
Lecturer
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

8/30/06
Journal Club
JBJS 7/2006 Review
Leader
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

9/27/06
Journal Club
JBJS 8/2006 Review
Leader
Wayne State University Orthopaedic Grand Rounds
Detroit, Michigan

2/22/07
Shoulder Arthritis, Treatment Options
Johns Hopkins Orthopaedic Grand Rounds
Baltimore, MD

10/4/07
Capsulo-labral Anatomy of the Glenohumeral Joint
Johns Hopkins Orthopaedic Grand Rounds
Baltimore, MD

1/10/08
Instruction on Total Shoulder Arthroplasty-Orthopaedic Resident Skills Lab
Johns Hopkins Orthopaedics
International Orthopaedic Learning Center
Johns Hopkins Bayview Medical Center

11/08
Reverse Shoulder Arthroplasty

Johns Hopkins Orthopaedic Grand Rounds
Baltimore, MD

8/26/2009
Capsulo-labral Anatomy of the Glenohumeral Joint
Johns Hopkins Musculoskeletal Radiology Residency/Fellowship Program Lecture
Baltimore, MD

9/09/2009
Invited Faculty
“Shoulder Disorders 101-A practical approach to shoulder disorders”
University of Maryland Physical Therapy Graduate Program
Baltimore, MD.

3/4/2010
Orthopaedic Resident Skills Lab-Total Shoulder Arthroplasty
International Orthopaedic Learning Center
Johns Hopkins Bayview Medical Center

4/22/2010
Trauma Presentation-Johns Hopkins Orthopaedic Grand Rounds
Complications of Shoulder Arthroplasty: Periprosthetic Humeral Fractures-
Treatment Options

5/26/2011
Trauma Presentation-Johns Hopkins Orthopaedic Grand Rounds
Comminuted proximal humeral fractures: An unsolved problem

12/8/2010
Shoulder Arthroscopy Skills Lab, GSH

1/19/2011
Shoulder Arthroscopy Skills Lab, GSH

4/27/2011
Shoulder Arthroscopy Skills Lab, GSH

5/18/2011
Shoulder Arthroscopy Skills Lab, GSH

5/26/2011

Trauma Presentation-Johns Hopkins Orthopaedic Grand Rounds
Comminuted proximal humeral fractures: An unsolved problem

6/29/2011

Shoulder Arthroscopy Skills Lab, GSH

Clinical Instruction:

Mac Neal Hospital, Instructor - Transitional Internship, Family Practice, Internal
Medicine Program, Berwyn, IL, 1994

Medical Students (MS 3,4) Orthopaedic Elective Clinical Rotation.
Wayne State University School of Medicine
Detroit, Michigan
1996- 2007

CME Instruction:

1. 1993
"Evaluation and Treatment of Arthritis Disorders of the Shoulder and Elbow."
Course Director
Michigan State Medical Society Annual Scientific Meeting Detroit, MI.
2. 1994
"Shoulder MRI: What Is There to Know?"
Faculty
University of Michigan Shoulder Symposium, Ann Arbor, MI.
3. 1994
"Natural History of Unicompartamental Arthroplasty."
Faculty
Hip and Knee Arthroplasty, Wayne State University School of Medicine.
Dearborn, MI.
4. 1995
"Anatomy of the Glenoid Labral-Biceps Complex: A Critical Analysis."
Faculty
University of Michigan Shoulder Symposium. Ann Arbor, MI.

5. November, 1995
“Arthroscopic and Open Approaches to Shoulder Surgery: The Debate Continues.”
Faculty
AAOS Surgical Skills Course, Rosemont, IL.
6. April, 1996
“The Painful Shoulder.”
Faculty
AAOS Surgical Skills Course, Rosemont, IL.
7. July, 1997
“Open and Arthroscopic Treatment of Shoulder Disorders.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
8. 1997
“The Deltoid Muscle Origin - A Histologic Analysis.”
Faculty
University of Michigan Shoulder Symposium. Ann Arbor, MI.
9. November, 1998
“Current Techniques in Open and Arthroscopic Shoulder Surgery.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
10. July, 1999
“Open and Arthroscopic Shoulder Surgery: Approaches for the New Millennium.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
11. November, 1999
“Diagnosis and Management of Common Orthopaedic Conditions.”
Course Co-Director
Michigan State Medical Society Annual Meeting. Dearborn, MI.
12. November, 1999
“An Analysis of Failures in the Treatment of Shoulder Instability.”
Faculty
University of Michigan Shoulder Symposium. Ann Arbor, MI.
13. January 15-16, 2000
“Complications in Shoulder Arthroplasty”

- Faculty
Duke University Shoulder Arthroplasty Course. Durham, NC.
14. November, 2000
“Office Management of Common Orthopaedic Disorders.”
Course Co-Director
Michigan State Medical Society Annual Meeting Dearborn, MI.
 15. August, 2001
“Augmentation for Rotator Cuff Repairs”
Faculty
Orthobiologics and Joint Reconstruction. Crystal Mountain, MI.
 16. November, 2001
“Anatomic Variations in Arthroscopic Shoulder Surgery; MRI of the Shoulder.”
Faculty
AAOS Surgical Skills Course. Open and Arthroscopic Shoulder Surgery.
Rosemont, IL.
 17. November, 2001
“MRI of the Shoulder; Revision Shoulder Arthroplasty.”
Faculty
Total Joint Arthroplasty Course. Key Largo, FL.
 18. September, 2002
“Treatment Alternatives for the Arthritic Shoulder; Prevention and Treatment of
Complications in TSA.”
Faculty
The Great Lake Joint Arthroplasty Symposium. Onkama, MI.
 19. September, 2002
“Outcome of Revision Shoulder Instability Surgery.”
Faculty
University of Michigan Shoulder Symposium. Ann Arbor, MI.
 20. July, 2004
“The Shoulder: Advanced Management Options from Open to Arthroscopic.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
 21. October 29, 2004

- “Success of Rotator Cuff Repair in Traumatic Tears at Different Time Intervals.”
Lecturer
University of Michigan 43rd Carl E. Badgley Lectureship, Ann Arbor, MI.
22. November, 2004
“Arthroscopic Treatment of the Shoulder and Elbow.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
23. April, 2005
“Shoulder Arthritis; Treatment Alternatives for Glenohumeral Joint Arthritis.”
Faculty, Instructional Course Lecture
Mid-America Orthopaedic Association Annual Meeting. Amelia Island, FL.
24. September, 2005
“The Shoulder: An Arthroscopic Odyssey.” Management Options from Open to Arthroscopic.”
Faculty
AAOS Surgical Skills Course. Rosemont, IL.
25. September 29-October 2, 2005
“Treatment Alternatives for Glenohumeral Joint Arthritis”
Faculty
Total Joint Arthroplasty Symposium, Laguna Niguel, CA.
26. April 22, 2006
“Timing for the Repair of Rotator Cuff Repairs.”
Faculty, Instructional Course Lecture
Mid-America Orthop Assoc Annual Meeting, San Antonio, TX.
27. February, 2007
“Reverse Shoulder Arthroplasty”
Instructor, Surgical Skills Course.
74th AAOS Annual Mtg. San Diego, CA.
28. July, 2007
“Anterior Glenohumeral Joint Instability- The Pros and Cons of Arthroscopy”
Faculty
ASES/AAOS Arthroscopic Shoulder Surgery: Advanced Techniques, 2007.
Rosemont, IL.

29. March 6, 2008
Complications in Shoulder Arthroplasty
Faculty, Instructional Course Lecture
“Instability and Rotator Cuff Tears in Shoulder Arthroplasty: Avoidance and Treatment.”
75th AAOS Annual Mtg. San Francisco, CA.
30. March 7, 2008
“Reverse Shoulder Arthroplasty”
Instructor, Surgical Skills Course
75th AAOS Annual Mtg. San Francisco, CA.
31. July, 2008
“Anterior Glenohumeral Joint Instability- The Pros and Cons of Arthroscopy”
Faculty
AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability: #3206
Rosemont, IL.
32. September 26, 2008
“Timing for rotator cuff repairs”
Invited Speaker
96th Clinical Orthopaedic Society Annual Mtg, Annapolis, MD.
33. November 7, 2008
“Reverse total shoulder replacement: historical overview, design considerations, indications, and complications”
Faculty- Controversies and Indications in Shoulder Surgery
Union Memorial Hospital, Baltimore, MD.
34. February 25, 2009
Complications in Shoulder Arthroplasty
Faculty, Instructional Course Lecture
“Instability and Rotator Cuff Tears in Shoulder Arthroplasty: Avoidance and Treatment.”
76th AAOS Annual Mtg., Las Vegas, Nevada
35. February 26, 2009
Faculty, 2009 Surgical Skills ICL- Reverse shoulder arthroplasty
“Biomechanics of reverse shoulder arthroplasty”
76th AAOS Annual Mtg., Las Vegas, Nevada
36. June 4-7, 2009
Baer Lectureship, Biennial Meeting and Reunion

- “Reverse Shoulder Arthroplasty”
Johns Hopkins Medicine
Baltimore, MD.
37. September 29, 2009
American Physical Therapy Association of Maryland
Invited Speaker
“Treatment alternatives for glenohumeral joint arthritis”
“Surgical treatment options for anterior shoulder instability”
White Marsh, MD.
38. December 9, 2009
Good Samaritan Hospital Medical Grand Rounds
Invited Speaker
“Oh my aching shoulder-Shoulder 101”
Baltimore, MD.
39. April 30, 2010
Faculty, Advanced Techniques in Shoulder Arthroscopy, Arthroplasty & Fractures
“Pros and Cons of Arthroscopy for Anterior Shoulder Instability”
“Biomechanics of Reverse Shoulder Arthroplasty”
College of Medicine, Mayo Clinic
Rochester, MN
40. May 5, 2010
Faculty, 55th Annual Phillip A. Tumulty Topics in Clinical Medicine
“Treatment Alternatives for Shoulder Arthritis”
Johns Hopkins Medicine
Baltimore, MD
41. November 12, 2010
Invited Lecturer, Hopkins/Harbor Hospital 2010-2011 Ambulatory Rounds:
“Treatment Alternatives for Shoulder Arthritis”

Mentoring:

Advisees:

1987

Burdette R. Porter, M.S. III

“The Chemotactic and Phagocytic Function of Monocytes and Neutrophils in an Acute Osteomyelitis Rat Model”

M.D. Thesis, Mayo Medical School, Rochester, MN.

4/2001-3/2002

Deborah Marth, PhD. Candidate

“Side Impact Injuries to the Shoulder”

PhD Research, WSU Department of Engineering, Detroit, MI.

Educational Program Building/Leadership:

Letterman Army Medical Center, Director, Orthopaedic Resident Education and Curriculum, CA, 1987-1991.

Wayne State University School of Medicine, Department of Orthopaedic Surgery, Resident Education Curriculum Committee, 1992-1994, 1996-2007.

Associate Orthopaedic Residency Program Director, Department of Orthopaedic Surgery, Wayne State University School of Medicine, Detroit, MI, 1996-2007.

Wayne State University School of Medicine, Department of Orthopaedic Surgery Course Director, Adult Reconstructive Orthopaedic Quarterly Grand Rounds, 1993-1999.

Curriculum Program Director, Johns Hopkins Shoulder Fellowship, 2007-Present

R3 Hand-UE Resident Rotation Educational Goals and Objectives by Core Competency-2010-Present.

Co-Director, Arthroscopic Skills Lab (Shoulder Arthroscopy), Johns Hopkins @ Good Samaritan Hospital

Visiting Clinician Sponsor, George Tzoanos, M.D., Traveling Fellowship, Hellenic Orthopaedic Society

CLINICAL ACTIVITIES:

Licensure and Certification

Medical Licenses:

State of Minnesota 1982-1988 0271813 (voluntary expiration)
State of California 1987-2010 G60313
State of Colorado 1991-2011 31013
State of Michigan 1991-2010 4301058728 (voluntary expiration)
State of Illinois 1994-1997 003036088957-01 (voluntary expiration)
State of Maryland 2006-2011 D00665131

Board Certifications

American Board of Orthopaedic Surgery, Diplomate since July, 1989;
Recertification, 1999-2009; 2009-2119

National Board of Medical Examiners, Diplomate: July, 1982

Clinical (service) Responsibilities/Clinical Program Building Leadership

Director Shoulder Service Clinical Apprenticeship, 1992-1994, 1995-2007.
Orthopaedic Residency Program
Department of Orthopaedic Surgery,
Wayne State University School of Medicine
Detroit Medical Center Orthopaedic Residency Program

Co-Director, Johns Hopkins Shoulder Fellowship Program, 2007-present
Director, Shoulder Fellowship Curriculum

Faculty, Johns Hopkins Orthopaedic Resident Rotation at GSH, 2007-present

Chief, Shoulder Surgery, 2009-present
Good Samaritan Hospital
Baltimore, MD

Johns Hopkins Orthopaedic R3 Hand-UE Resident Rotation
Director, Shoulder Rotation-2010

ORGANIZATIONAL ACTIVITIES:

Institutional Administrative Appointments:

Mayo Clinic, Rochester, MN

Orthopaedic Research Committee, 1985-1987.
Research Training and Degrees Committee, 1986-1987.
Subcommittee Clinical Investigator, 1986-1987.

Letterman Army Medical Center, Presidio of San Francisco, CA

Nosocomia Infection Committee, 1987-1990.
Quality Assurance Review Board, 1990-1991.
Clinical Investigations and Research Committee, 1990-1991.

Mac Neal Hospital, Chicago, IL

Blood Utilization Review Committee, 1994

Wayne State University School of Medicine,
Department of Orthopaedic Surgery

Orthopaedic Research Committee, Chairman, 1992-1994.
Resident Education Curriculum Committee, 1992-1994, 1996-2007.
Resident Selection Committee, 1994, 1997-2007.
Orthopaedic Clinical Services Committee, 1996, 1998-2007.
Orthopaedic Steering Committee, 1998-1999.
Orthopaedic Advisory Committee, 1998-2007.
Internal Review Committee, 2004.

Wayne State University, School of Medicine,
Contract Negotiations Committee, 2005

Hutzel Hospital/Michigan Orthopaedic Specialty Hospital

Hutzel Hospital DRG Committee, 1992-1994.
Orthopaedic Quality Assurance Committee, 1993-1994.
Risk Management Committee, Patient Care Improvement Committee, 1996-1997.
Medical Service Operations Committee, 1997-1998, 2000-2007.
Surgical Committee, 1998-2007.
Leadership and Performance Improvement Committee, 1998-2007.

Detroit Medical Center

Medical Executive Committee, 2005.
Executive Medical Team, 2002-2007.
Joint Conference Committee, 2005-2007.

Good Samaritan Hospital, Baltimore, MD

Medical Executive Committee, 2009-2010

Surgical Executive Committee, 2009-Present

Editorial Activities:

Guest Editor: Seminars in Arthroplasty, "Total Shoulder Arthroplasty". W.B. Saunders Co., Philadelphia, PA 6:20 3-311, 1995.

The Yearbook of Orthopaedics, Coventry, MB (ed), Yearbook Medical Publishers, Inc., Chicago, 1986, Consultant reviewer.

Journal Shoulder and Elbow Surgery, Assistant Editor, 2009- present
Consultant Reviewer, 2004-2008.

Journal of Bone and Joint Surgery, Consultant Reviewer, 1992,1993, 2006-Present.

Journal of the American Medical Association, Consultant Reviewer, 1992-Present.

Clinical Orthopaedics and Related Research, Consultant Reviewer, 2010-Present.

Journal of the American Academy of Orthopaedic Surgeons, Consultant reviewer, 2010-present

Professional Societies:

Alpha Omega Alpha Honor Medical Society 1980
Orthopaedic Research Society 1989
American Academy of Orthopaedic Surgeons 1991
American Shoulder and Elbow Society, Active Member 2000
American Orthopaedic Association 2003

European Society for Surgery of the Shoulder and Elbow (ESSSE),
Corresponding Member 1999

Association of Bone and Joint Surgeons 2006
Societe Internationale de Chirurgie Orthopedique et de Traumatologie 1996
Asociacion Argentina de Cirugia de la Mano y Reconstructiva del Miembro
Superior, Corresponding Member 1996

American Medical Association 1982
Mid-Atlantic Shoulder and Elbow Society-Charter Member
Southern Orthopaedic Association
Maryland Orthopaedic Society
Mid-American Orthopaedic Association

Society of Military Orthopaedic Surgeons
Michigan Orthopaedic Society
Detroit Orthopaedic Academy

National and International Boards and Committees:

American Academy of Orthopaedic Surgeons, Chicago, IL
Chair, Shoulder and Elbow Education Sub-Committee, 1999-2005.
Committee on Evaluations, OITE/OSAE 1993-1999.
Specifications Task Force, 1996.

Shoulder and Elbow Program subcommittee, 2010-2012

American Board of Orthopaedic Surgery, Inc. Oral Examiner, 2004, 2009-present

OMeGA Medical Grants Association
Committee Member, 2009

American Shoulder and Elbow Society
Traveling Fellowship Committee, 2005-2009
Chair, 2006-2008, Emeritus 2009
Electronic Technology Committee, 2010-2012

American Orthopaedic Association
Abstract Review Committee 2011-2013

State and Local Boards and Committees

Mid-America Orthopaedic Association
Program Committee, (member at large) 2001-2004
Chair, 2003-04
Board of Directors,(member at large) 2004-2007

Michigan Orthopaedic Society
Membership Committee, 1999
Board of Directors 2002-2007

Detroit Orthopaedic Academy
Executive Committee, 2000-2004

President, 2003-2004

Maryland Orthopaedic Association
Board of Directors, Member at Large, 2010-2012
Program Committee-2011

Conference Organizer, Session Chair:

2004
Program Chair
Mid America Orthopaedic Association Annual Meeting

Consultantships:

1991–1993
Consultant, Letterman United States Army Hospital, Presidio of San Francisco, CA,

1995
Smith and Nephew
Unpaid-Consultant, Shoulder Arthroplasty

May 2003-2007
Encore Medical, LLP.
FDA-Phase III Clinical Investigator Reverse Shoulder Prosthesis
Unpaid Consultant/Educator

2004
Ingen Orthopaedic, LLC
Unpaid Consultant/Design Team, Shoulder Arthroplasty

RECOGNITION:

HONORS AND AWARDS

Sigma Omicron Mu, National Honor Society, 1972
Beta Beta Beta, Biologic Honor Society, 1972
Blue Key, 1972
Letter Award, Intercollegiate Varsity Football, 1973-1976
Academic Allstate Intercollegiate Football Team, 1973
Who's Who in American Colleges and Universities, 1971

Illinois State Scholar, 1972-1976
National Presbyterian Scholar, 1972-1976
Merck, Sharp and Dohme Residents Award, 5th Annual Mid-American
Orthopaedic Association Meeting for an Outstanding Paper Presented by a
Resident in San Diego, CA, 1987
Marquis Who's Who in America, 2001-present
Marquis Who's Who in Medicine and Healthcare, 1999-present
Mid-America Ortho Association, Edward D. Henderson Award, 2001
A Guide to America's Top Surgeons, 2002(1st Edition) -present
Best Doctors in America, 2002-2012
Best Doctors in Baltimore, 2007
Outstanding Teacher Award, Letterman Army Medical Center, Orthopaedic Residency
Program, 1991
Teacher of the Year Award, Wayne State University School of Medicine
Department of Orthopaedics, 2004
US News and World Report Best Doctors in America, 2011-2012

U.S. Army Medical Corps. 1987-1991

Meritorious Service Medal
National Defense Ribbon
Humanitarian Service Award
Army Service Ribbon

Invited talks, panels:

1. Visiting Lecturer, Rehabilitation Institute of Michigan. "Glenohumeral Instability."
Detroit, MI, 1993.
2. Visiting Professor, University of Cincinnati School of Medicine. Cincinnati, OH, 1993.
3. Faculty, Boerhaave Committee-Infections in Orthopaedic Prostheses and
Bone Implants "Infections of Hip Prosthesis." Leiden, Netherlands, 1993.
4. Lecturer, Adult Reconstruction Orthopaedic Grand Rounds. Wayne State University
School of Medicine "Orthopaedic Management of Glenohumeral Arthropathy:
Treatment Alternative in the 1990's." Detroit, MI, 1993.
5. Visiting Professor, American Osteopathic Academy of Orthopaedics 34th Annual

- Postgraduate Seminar, Instructional Lectures. "MRI of the Shoulder;" "Bio-mechanics of Rotator Cuff Disease;" "Treatment Alternatives for the Arthritic Shoulder." Dearborn, MI, 1994.
6. Guest Lecturer, University of Chicago Orthopaedic Surgery Grand Rounds. "Shoulder MRI." Chicago, IL, 1995.
 7. Guest Lecturer, Department of Orthopaedic Surgery Grand Rounds, Northwestern University. "Shoulder MRI; Applications and Pitfalls." Chicago, IL, 1995.
 8. Visiting Professor, XXII Congreso Argentina, de la Asociacion Argentina de Cirugia de la Mano y Reconstructiva de la Miembro Superior. Rosario Argentina, October 23-25, 1996.
 9. Faculty, Sinai Hospital Department of Family Practice. "Moans and Groans: Health Care for the Athletic Family", and "Shoulder Injuries and Rehabilitation." Detroit, MI, November 13, 1996.
 10. Moderator, Mid-America Orthop Assoc Annual Meeting. Hilton Head, SC, April 1997.
 11. Faculty, Shoulder Elbow and Hip Symposium, Dalhousie University, Division of Orthopaedic, Halifax. "Treatment Options for Shoulder Arthritis", "Revision Shoulder Arthroplasty Analysis of Failures." Nova Scotia, April 1998.
 12. Moderator, Mid-America Orthop Assoc Annual Meeting. Bermuda April 1999.
 13. Moderator, Michigan Orthop Society Annual Meeting. Traverse City, MI, June 1999.
 14. ASES/SESEC European Traveling Fellow: Zurich, Switzerland; Nice, France; Heidelberg, Germany, Aarhus, Denmark; London, England; Salzburg, Austria; Milan, Italy, September 1999.
 15. Moderator, Mid-America Orthop Assoc Annual Meeting. Amelia Island, FL, April 2001.
 16. Moderator, Michigan Orthop Society Annual Meeting. Traverse City, MI, June 2002.
 17. Visiting Professor, Rehabilitation Institute of Michigan. "Evaluation and Treatment of Common Shoulder Disorders." Detroit, MI, March, 2002.
 18. Moderator, Michigan Orthop Society Annual Meeting. Mackinac Island, MI, June 2002.

19. Moderator, Mid-America Orthop Assoc Annual Meeting. Hilton Head, SC, April 2003.
20. Moderator, Michigan Orthop. Society Annual Mtg. Mackinac Island, MI. June 2004.
21. Visiting Professor, Walter Reed Department of Orthopaedic Surgery, Resident Research Day. Walter Reed Army Medical Center. Washington DC, June 2005.
22. Moderator, Michigan Orthop. Society Annual Mtg. Traverse City, MI. June 2005.
23. Faculty, Practice Management Seminar Resident Training Program, Mayo Clinic. Rochester, MN, August 27, 2005.
24. Faculty, Encore Medical Reverse Shoulder Prosthesis Product Training Workshop. "Pitfalls and Pearls of Reverse Shoulder Arthroplasty." Rosemont, IL, February 16, 2006.
24. Moderator, Michigan Orthop. Society Annual Meeting. Mackinac Island, MI, June 2006.
25. Distinguished Guest Speaker, Michigan Orthopaedic Society Annual Mtg. Traverse City, MI, June 2007.
26. Moderator, ASES 24th Annual Mtg., Dallas TX. October, 2007.
27. Symposium Moderator, Mid-American Annual Mtg, 2009, Amelia Island, FL.
28. Visiting Professor, Texas Tech University Orthopaedic Resident Research Symposium and Resident Graduation, June 24, 2010.
29. Moderator, ASES 2010 Closed Mtg., Scottsdale, AZ. October, 20-23.
30. Invited Lecturer, Hopkins/Harbor Hospital 2010-2011 Ambulatory Rounds: "Treatment Alternatives for shoulder Arthritis", November 12, 2010.
31. Moderator, ASES Open Mtg., San Diego, CA. February 19, 2011.
32. Invited Guest Lecturer, Detroit Academy of Orthopaedic Surgery, "The Mysteries and Clinical Pearls of Capsulolabral Anatomy", Troy, MI., April 11, 2011.
33. Visiting Professor, Medical College of Georgia, Augusta, GA, November 2-3, 2011.

OTHER PROFESSIONAL ACCOMPLISHMENTS:

Presentations:

INVITED AND/OR REFERRED NATIONAL/ INTERNATIONAL MEETINGS:

1. Petersen SA, Berquist TH, Fitzgerald RH Jr, Brown, ML: Applications of Magnetic Resonance Imaging in Musculoskeletal Sepsis. AAOS Annual Meeting. New Orleans, LA, 1986.
2. Petersen SA, Fitzgerald RJ Jr: Alterations of Bone Blood Flow by a Local Muscle Flap in the Treatment of Osteomyelitis. Society of Military Orthopaedic Surgeons. Colorado Springs, CO, 1986.
3. Petersen SA, Berquist TH, Fitzgerald RH Jr, Brown, ML: Applications of Magnetic Resonance Imaging in Musculoskeletal Sepsis. AOA Residents Conference. Salt Lake City, UT, 1987.
4. Petersen SA, Fitzgerald RH Jr, Berquist TJ: The Changes in Local Bone Blood Flow and the Application of Magnetic Resonance Imaging in the Treatment of Chronic Osteomyelitis by a Muscle Flap. Orthopaedic Research Society Annual Meeting. San Francisco, CA, 1987.
5. Petersen SA, Fitzgerald RH Jr, Porter BR, Idso JD: Experimental Sub acute Osteomyelitis in a Rat Model. Orthopaedic Research Society Annual Meeting. Atlanta, GA, 1988.
6. Petersen SA, Brown, ML, Fitzgerald RH Jr: Three-Phase Technetium Scintigraphic Evaluation of Chronic Musculoskeletal Sepsis. Society of Military Orthopaedic Surgeons. Williamsburg
7. Petersen SA, Fitzgerald RJ Jr.: Alterations of Bone Blood Flow by a Local Muscle Flap in the Treatment of Osteomyelitis. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV, 1989
8. Petersen SA, Jahnke AH Jr, Neumann CH, Steinbach L: A Prospective Comparison of Computerized Arthrography and Magnetic Resonance Imaging of the Shoulder. American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA, 1990.
9. Petersen SA, Jahnke AH Jr, Morgan F, Neumann CH, Steinbach L: Diagnostic Imaging of Glenohumeral Instability: A Prospective Comparison Study of CT Arthrography and

- MRI of the Shoulder. American Academy of Orthopaedic Surgeons Annual Meeting. Anaheim, CA, 1991.
10. Petersen SA, Jahnke AH Jr, Morgan F, Neumann CH, Steinback L: Applications of MRI in the Diagnostic Imaging of Glenohumeral Instability. Scientific Exhibit. American Academy of Orthopaedic Surgeons Annual Meeting. Anaheim, CA, 1991.
 11. Petersen SA, Holt RG, Steinbach LS, Neumann CH: MRI of the Supraspinatus Tendon: Variations in Asymptomatic Individuals. 5th International Conference on Surgery of the Shoulder. Paris, France, 1992.
 12. Petersen SA, Jahnke AH Jr, Morgan PW, Neumann CH, Steinbach LS: Prospective Comparison Study of MRI and CT Arthrography in the Diagnostic Imaging of Glenohumeral Instability. American Academy of Orthopaedic Surgeons 11th Annual Meeting. San Francisco, CA 1993.
 13. Petersen SA, Jahnke AH Jr, Neumann CH: MRI Findings in Anterior Glenohumeral Subluxation and Dislocation. American Academy of Orthopaedic Surgeons 11th Annual Meeting. San Francisco, CA 1993.
 14. Petersen SA, Noble JS, Hawkins RJ: Anatomic Vagaries of the Labral-Biceps Complex. 6th International Congress on Surgery of the Shoulder. Helsinki, Finland, June 1995.
 15. Petersen SA, Jahnke AH Jr, Neumann CH: MRI Findings in Anterior Glenohumeral Subluxation and Dislocation. 6th International Congress on the Surgery of the Shoulder. Helsinki, Finland, June, 1995.
 16. Petersen SA, Jahnke AH Jr, Neumann CH: MRI of the Glenohumeral Joint: Pitfalls in the Diagnosis of Labral Pathology. 6th International Congress on the Surgery of the Shoulder. Helsinki, Finland, June 1995.
 17. Petersen SA, Jahnke AH Jr, Neumann CH: Diagnostic Imaging of the Glenohumeral Instability: MRI vs CT Arthrography. 6th International Congress on the Surgery of the Shoulder. Stockholm, Sweden, July 1995.
 18. Petersen SA, Jahnke AH Jr, Arnoczky SP, Hawkins RJ: The Biceps-Superior Labral Complex: An Arthroscopic and Anatomic Analysis. American Academy of Orthopaedic Surgeons Annual Meeting. New Orleans, LA, 1998.
 19. Petersen SA, Jahnke, AH Jr, Arnoczky SP, Hawkins RJ: The Biceps-Superior Labral Complex: An Arthroscopic and Anatomic Analysis. 7th International Congress on

- Surgery of the Shoulder. Sydney, Australia, October 1998.
20. Petersen SA, Meehan R: Anterior Shoulder Reconstruction: An Analysis of Failures in the Treatment of Anterior Shoulder Instability. Society of Orthopaedic Military Surgeons. Vail, CO, December 1998.
 21. Petersen SA, Andary J: The Vascular Anatomy of the Glenohumeral Capsule and Ligaments. 8th International Congress on Surgery of the Shoulder. Cape Town, South Africa, April 2001.
 22. Petersen SA, And Andary J: The Vascular Anatomy of the Glenohumeral Capsule and Ligaments. 18th Annual Meeting American Shoulder and Elbow Society. Napa, CA, October 2001.
 23. Petersen SA, Meehan R: Factors Affecting Outcome of Revision Surgery for Shoulder Instability. 19th Annual Meeting American Shoulder and Elbow Society. Pebble Beach, CA, October, 2002.
 24. Petersen SA, Murphy TP, Caltoun CB: Success of Rotator Cuff Repair in Traumatic Tears with Weakness Performed at Different Time Intervals. (Poster) 117th Annual AOA Meeting. Boston, MA, June 2004.
 25. Petersen SA, Murphy TP, Caltoun CB: Success of Rotator Cuff Repair in Traumatic Tears with Weakness Performed at Different Time Intervals. 22nd Annual ASES Meeting. Palm Beach, FL, November 2005.
 26. Petersen SA, Murphy TP, Caltoun CB: Success of Rotator Cuff Repair in Traumatic Tears with Weakness Performed at Different Time Intervals. American Academy of Orthopaedic Surgeons Annual Meeting. Chicago, IL, March 2006.
 27. Petersen SA, Murphy TP: The Timing of Rotator Cuff Repair for Restoration of Shoulder Function. 60th Annual Mtg. Association of Bone and Joint Surgeons. Jackson Hole, WY, June 2008.
 28. **Petersen SA** Jia X, Ji JH, Pannirselvam V, , McFarland EG: The relationship between rotator cuff contact with the superior glenoid and symptoms with a positive Neer impingement sign. 62nd Annual Mtg. Assoc. Bone Joint Surg., Washington DC, April 2010.
 29. Freehill MT, Srikumaran U, Archer KR, McFarland EG, **Petersen SA**: Significant Changes in Neuroanatomy after the Latarjet Procedure. (Poster Presentation) 78th AAOS Annual Mtg. San Diego, CA, 2011.

30. **Petersen SA**, Freehill MT, Srikumaran U, Archer KR, McFarland EG: The Latarjet coracoid transfer procedure: What about the neurovascular structures? ASES 2011 Closed Meeting, White Sulphur Springs, WV, October 13-15.

INVITED AND/OR REFERRED LOCAL/REGIONAL MEETINGS:

1. Petersen SA, Fitzgerald RH Jr: The Changes in Local Bone Blood Flow in the Treatment of Chronic Osteomyelitis by a Muscle Flap. Mid-America Orthop Association Annual Meeting. San Diego, CA 1987.
2. Petersen SA, Fitzgerald RH Jr: The Changes in Local bone Blood Flow in the Treatment of Chronic Osteomyelitis by a Muscle Flap. Western Orthopaedic Association Annual Meeting. Honolulu, Hawaii, 1988.
3. Petersen SA: Applications of MRI in the Diagnostic Imaging of Glenohumeral Instability. Inman-Abbott Lectureship, University of California, San Francisco, CA, 1990.
4. Petersen SA: Applications of MRI in the Diagnostic Imaging of Glenohumeral Instability. Mayo Orthopaedic Alumni Meeting, Mayo Clinic. Rochester MN, 1990.
5. Petersen SA: Applications of MRI in the Diagnostic Imaging of Glenohumeral Instability. 5th Annual Herbert E. Pedersen Memorial Lectureship, Wayne State University School of Medicine. Detroit, MI, 1991.
6. Petersen SA: Applications of MRI in the Diagnostic Imaging of Glenohumeral Instability: Patterns of Anterior Instability. Michigan Orthopaedic Society. Mackinac Island, MI, June 1992.
7. Petersen SA, Holt RG, Steinbach LS, Neumann CH: MRI of the Supraspinatus Tendon: Variations in Asymptomatic Individuals. 6th Annual Herbert E. Pedersen Memorial Lectureship, Wayne State University School of Medicine. Detroit, MI, 1992.
8. Petersen SA, Jahnke AH Jr, Neumann CH: Pitfalls in MR Imaging of the Glenohumeral Joint. Mid-America Orthop Assoc Annual Meeting. Hilton Head Island, SC, May 1993.

9. Petersen SA, Jahnke AH Jr, Morgan PW, Neumann CH, Steinbach LS: Prospective Comparison Study of MRI and CT Arthrography in the Diagnostic Imaging of Glenohumeral Instability. Mid-America Orthop Assoc Annual Meeting. Hilton Head Island, SC, May 1993.
10. Petersen SA: Pitfalls in MR Imaging of the Glenohumeral Joint. Michigan Orthopaedic Society. Traverse City, MI, 1993.
11. Petersen SA, Jahnke AH Jr, Neumann CH: Pitfalls in MR Imaging of the Glenohumeral Joint. 7th Annual Herbert E. Pedersen Memorial Lectureship, Wayne State University School of Medicine. Detroit, MI, 1993.
12. Petersen SA, Jahnke AR Jr, Neumann CH: A Prospective Study of MRI and CT Arthrography in the Diagnostic Imaging of Glenohumeral Instability. Michigan Orthopaedic Society. Mackinac Island, MI, June 1994.
13. Petersen SA, Noble JS, Hawkins RJ: Anatomy of the Glenoid Labral-Biceps Complex. 8th Annual Herbert E. Pedersen Memorial Lectureship, Wayne State University School of Medicine. Detroit, MI, September 1994.
14. Petersen SA, Jahnke AH Jr, Neumann CH: Pitfalls in MR Imaging of the Glenohumeral Joint. Mayo Orthopaedic Alumni Meeting, Mayo Clinic. Rochester, MN, 1995.
15. Petersen SA, Jahnke AH, JR, Noble JS, Hawkins, RJ: The Biceps - Labral Complex: A Critical Analysis. Michigan Orthopaedic Society. Traverse, MI, June 1995.
16. Petersen SA, Jahnke AH Jr, Neumann CH, Hawkins RJ: MRI Findings in Anterior Glenohumeral Subluxation and Dislocation, Mid-America Assoc Annual Meeting. San Antonio, TX, April 1996.
17. Petersen SA, Matelic T, Worth M, Lucas D, Teitge R, Rockwood C Jr: The Deltoid Muscle Origin: Pitfalls in arthroscopic and open approaches to the anterior shoulder. Michigan Orthopaedic Society. Mackinac Island, MI, June 1996.
18. Petersen SA, Matelic T, Worth M, Lucas D, Teitge R, Rockwood Jr C: The Deltoid Muscle Origin: Pitfalls in Arthroscopic and Open Approaches to the Anterior Shoulder. Mid-America Orthop Assoc Annual Meeting. Hilton Head, SC, April 1997.

19. Petersen SA, Jahnke AH Jr, Arnoczky SP, Hawkins, RJ: The Biceps-Superior Labral Complex: An Arthroscopic and Anatomic Analysis. Michigan Orthop Society, Mackinac Island, MI, June 1998.
20. Meehan R, Petersen SA: Anterior Shoulder Reconstruction: An Analysis of Failures in the Treatment of Anterior Shoulder Instability. Mid-America Orthop Assoc Annual Meeting. Southampton Princess, Bermuda, April 1999.
21. Petersen SA, Meehan R: Anterior Shoulder Reconstruction: An Analysis of Failures in the Treatment of Shoulder Instability. Mayo Orthop Alumni Meeting. Rochester, MN, October 1999.
22. Petersen SA, Meehan R, Factors Affecting Outcome of Revision Surgery for Shoulder Instability: Mayo Orthop Alumni Meeting. Rochester, MN, October 2002.
- 23-25. Petersen SA, Murphy TP, Caltoun CB: Success of Rotator Cuff Repair in Traumatic Tears with Weakness Performed at Different Time Intervals: Mid-America Annual Mtg., Palm Desert, CA, 2004. Mayo Clinic Alumni Meeting, Rochester, MN, October 2006, Mid-America Annual Mtg. Boca Raton, FL, 2007.
- 26** Petersen SA, Freehill MT, Srikumaran U, Archer KR, McFarland EG: The Latarjet Coracoid Transfer Procedure-What about the Neurovascular Structures? 100th Anniversary of the Mayo Department of Orthopaedic Surgery. Rochester, MN. September 16, 2010.
27. Petersen SA, What to do with the failed instability patient. Mid-Atlantic Shoulder and Elbow Society. 1st Annual Meeting, Washington D.C. September 30, 2011.