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CLINICAL PROFESSOR
UNIVERSITY OF WISCONSIN SCHOOL OF MEDICINE AND PUBLIC HEALTH
DEPARTMENT OF ORTHOPAEDICS AND REHABILITATION
DEPARTMENT OF SURGERY, PLASTIC SURGERY

PERSONAL DATA

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FORMAL EDUCATION

Fellowship

1994-1995 Hand Surgery/Research Millard Filmore Hospital Hand
Center of Western New York Buffalo, NY

Residency

1990-1994 Orthopaedic Surgery Grandview Hospital Dayton, OH

Internship

1989-1990 Grandview Hospital Dayton, OH

Graduate Medical Education

1985-1989 Ohio University College of Osteopathic Medicine, Athens,
OH, D.O.

1981 -1985 Case Western Reserve University, Cleveland, OH, M.S.,
Biomedical Engineering

Undergraduate

1977-1981 Kenyon College, Gambier, OH, B.A., Chemistry

MEDICAL LICENSURE

State of Wisconsin, No. 373859
State of Ohio- current

CERTIFICATIONS/FELLOWSHIP

2011 Fellowship in American Osteopathic Academy of
Orthopaedics (FAOAO)
2008 CAQ (Certificate of Added Qualifications) in Hand Surgery
2008 Recertified in Orthopaedic surgery
2000 CAQ (Certificate of Added Qualifications) in Hand Surgery
1999 Board Certified in Orthopaedic Surgery

POSITIONS HELD

2013-present	Clinical Professor, University of Wisconsin, Department of Orthopedics and Rehabilitation
2010-present	Medical Co-Director Madison Surgery Center
2006-2013	Clinical Associate Professor, University of Wisconsin, Department of Orthopedics and Rehabilitation
2002-present	Clinical Assistant Professor, University of Wisconsin, Department of Surgery Co-Director Hand Surgery Education for Plastics Residents
1999-2006	Clinical Assistant Professor, University of Wisconsin, Department of Orthopedics and Rehabilitation
1996-1999	Hand Surgeon, Physicians Plus Medical Group, Madison, Wisconsin
1994-1996	Hand fellowship, Buffalo, NY
1994	Locum Tenens Orthopaedic Surgery, Cambridge, OH
1994	Orthopaedic Disability Assessments State of New York, Syracuse, NY

ADMINISTRATIVE RESPONSIBILITIES

Departmental

2012- present	Orthopedic Education Committee
2005-2007	Chair- Orthopedic Practice Committee at Meriter Hospital
2001-present	Co-director of Meriter Hand Surgery Rotation, Plastic Surgery

UW Foundation

2013-present	Physician Coach
2001-present	Operations Committee

2006-2009 Chair- Resource Management
2001-2008 Compliance Committee

Regional and National

2011-present Chair- AOBOS Hand CAQ
2006-present Secretary/Treasurer of the AOBOS (American Osteopathic Board of Orthopedic Surgery)
2006-present AOBOS standard setting committee
2004-present Chair- AOBOS written boards

HONORS AND AWARDS

2004 Orthopedic Resident Teaching Award (Okagaki Teaching Award)
2002-10 Top Hand Surgeon, Madison Magazine
1998 First prize for poster, ASSH meeting, Minneapolis, MN.
1993 First prize for resident research paper of the year, AAOS
1991 First prize for poster, AOS meeting, Orlando, Fla.
1989 Highest grades in clinical rotations, Grandview Hospital site
1986 Ohio University Summer Research Scholarship
1982 Edward M. Chester Summer Scholarship
1981 Ukrainian Honors Scholarship

SOCIETY MEMBERSHIPS

2006-present American Osteopathic Board of Orthopedic Surgeons (AOBOS)
2005-present American Academy of Orthopedic Surgeons (AAOS)
2001-2004 Wisconsin State Medical Society
2000-present American Society for Surgery of the Hand (ASSH)
1998-2001 American College of Osteopathic Surgeons (ACOS)
1998-present American Osteopathic Academy of Orthopedics (AOAO)
President Hand Section 2003-4
President Research Committee 2003
1997-present American Osteopathic Association (AOA)

PUBLICATIONS

1. Radwin RG, Sesto ME, Zachary SV. Functional tests to quantify recovery following carpal tunnel release. J Bone Joint Surg Am. 2004 Dec; 86-A(12):2614-20.

2. Zachary SV, Peimer CA. Salvaging the "unsalvageable" digit. *Hand Clinics*. 1997;13(2):239-249.
3. Albert MC, Zachary SV, Alter S. Blastomycosis of the forearm synovium in a child. *Clin Orthop.*, 1995;(317):223-226.
4. Zachary SV, Stem PJ. Complications following AO/ASIF wrist arthrodesis. *J Hand Surg [Am]*, 1995;20(2):339-344.
5. Rodgers MM, Barre PS, Zachary SV, Glaser RM. Intraoperative evaluation of forearm muscle performance and tendon tension. *J Biomech.*, 1990;23(7):716.
6. Mehlman CT, Zachary SV, Barre PS. Total wrist arthroplasty in the rheumatoid patient: a clinical review. *Contemp Orthop.*, 1988; 17(2):39-44.

ABSTRACTS

1. Ezenwa BN, Rogers MM, Barre PS, Glaser RM, Zachary SV. Intraoperative tension and wrist angle measurement system. RESNA 14th Annual Conference, 1991.
2. Rodgers MM, Barre PS, Zachary SV, Glaser RM. Intraoperative assessment of muscle performance during total wrist arthroplasty. American Association of Biomechanical Engineers, 1989.
3. Crago PE, Zachary SV. Fatigue induced changes in stiffness of the flexor pollicis longus in human subjects with intact reflexes. Eighth Annual Meeting of the American Society of Biomechanics, Tucson, Ariz, October, 1984
4. Crago PE, Zachary SV. Fatigue induced changes in stiffness of the flexor pollicis longus in human subjects with intact reflexes. Eighth Annual Meeting of the American Society of Biomechanics, Tucson, Ariz, October, 1984.

POSTERS

1. PIP fusion strength, Comparison of Dorsal Plate vs. IM Screw, Dr. Brian Wills- to be submitted to the *Journal of Hand*. POSTER, ASSH meeting, Boston, Sept 2010.
2. Zachary SV 5 Distal Radius Fractures. AOA Meeting, Chicago, September. 2003.
3. Zachary SV, Peimer CA. " Combined endoscopic carpal tunnel release and abductorplasty", ASSH meeting, Minneapolis, MN, 1998. First Place**
4. Zachary SV, Bamberger HB, Young EC. "Clinical experience with a soft tissue anchoring device in a community hospital - expanded indications." Presented at the 64th Annual Assembly of Osteopathic Surgeons, Orlando, Fla, September, 1991.
5. Barre PS, Rodgers MM, Glaser RM, Zachary SV, Ezenwa BN. "Tendon tension measurement during tendon transfer surgery: system development and presentation." Presented at the Hand Society Meeting, Toronto, Ontario, Canada, September, 1990.

EDITORIAL REVIEW

Reviewer/editor for the Journal of Hand Surgery, 2013- present

Review of the manuscript entitled, "Refractory Elbow Arthrofibrosis," number JBJS-D-08-00971. The Editor's decision was B-Revise. 2009.

EDUCATIONAL PRESENTATIONS

National

1. "Distal Radius fixation," Guest lecturer for Synthes, AOA Midyear Meeting, May 2012, WV
2. "New Aspects of Recertification, OCC," AOA Midyear Meeting, May 2012, WV
3. "Orthopedic Educator Meeting, "Board Certification: How to Prepare Your Residents"-May 2007, 2008, 2009, 2011 Chicago.
4. "Finger Flaps, " AOA midyear meeting, March 2010, Orlando
5. "Preparing yourself for Continuous Recertification," AOA midyear meeting, April 2009, Chicago
6. "The role of PA's in a hand practice," AOA midyear meeting, April 2008, Chicago.
7. "FCR extended approach to distal radius," AOA midyear meeting, May 2007, Atlanta
8. Pitfalls in Athletic Hand Injuries, Sports Medicine Symposium, Madison, May 2006. Presented to MD's, PA's, NP's.
9. Thumb Stabilization, AOA midyear meeting, Phoenix, May, 2006. Presented to Orthopedic Surgeons.
10. Moderator/organizer, Radius Fractures, AOA Meeting, Chicago,
11. Wrist contractures, AOA Meeting, September 2001. Presented to Orthopedic Surgeons.

Regional

1. University of Wisconsin- Milwaukee, Wisconsin Hand Experience, opening speaker, "Brain Surgery Hand," May 15, 2014
2. Dane County Surgical Coders Society, guest speaker, "Coding of Common Upper Extremity Procedures," Oct 13, 2011.
3. UWMF Immediate Care, "Complications of Care of the Hand Patient," Sept 27, 2011.
4. Meriter Hospital outreach, "Common hand conditions," and "Surgical Management of Common Hand Problems"- Oct 1, 2009.
5. Hillsboro Hospital outreach, "Nonoperative Treatment of Common Hand Problems," July 19, 2007
6. Watertown Hospital outreach, "Treatment of Hand Problems for the Primary care," May 2007

Departmental

1. Grand Rounds Ortho, "What are you Worth?" Sept 23, 2013.
2. Grand Rounds Plastic Surgery, "Extensor and Flexor Tendon Injury Care," July 19, 2013.
3. INDICATIONS:
4. Perilunate dislocations, June 2013
5. Digital nerve injuries, March, 2013
6. Grand Rounds, Ortho, "Your Online Reputation," Oct 3, 2012
7. Grand Rounds, Plastic Surgery, "Avoid These ER Treatment Complications," July 13, 2012
8. Grand Rounds, UW Emergency Medicine, "Emergency Room Care of the Patient with an Injured Hand," May 31, 2012
9. Grand Rounds, Plastics, "Complications of Upper Extremity Care," July, 2011
5. Hand Indications, 2-3 per year for 8 years.
6. Grand Rounds, Ortho, "Wrong Site Surgery, Medical and Legal Aspects," with attorney Guy Debeau, Dec., 2010.
7. Grand Rounds, Ortho, "Small Joint Arthroplasty," Sept., 2010.
8. Grand Rounds, Plastics, "Emergency Hand Care," July 2010.
9. Hand Journal Club, "Kienbocks," July 12, 2010
10. Grand Rounds, Orthopedic Surgery, "Upper Extremity Aspects of Rheumatoid," July 15, 2009.
11. Grand Rounds, Plastic Surgery, "Hand Fractures," Sept. 11, 2009.
12. Hand Journal Club, "Tetraplegia and the hand," Jan. 5, 2009.
13. Grand Rounds, Plastic Surgery, "Upper Extremity Fracture Management," July 11, 2008
14. Hand Journal Club, "Cerebral Palsy and the Upper Extremity," July 7, 2008
15. Grand Rounds, Orthopedic Surgery, "Updates of Distal Radius Fracture care," January 16, 2008
16. Grand Rounds, Plastic Surgery, "Pitfalls in Upper Extremity Sports Injuries," June 8, 2007
17. Grand Rounds, Radiology, "Radiological Pitfalls in Sports Upper Extremity Injuries," Feb 8, 2007
18. Grand Rounds, Orthopedics, "Aesthetics and Prosthetics in the Upper Extremity," Nov. 2006 Grand Rounds, Plastic Surgery, "Hand Fractures" July, 2006

CURRENT RESEARCH

Carpal Tunnel Assessment- Pre and Post Carpal Tunnel Release, with Dr. Joseph Towles

Biomechanical measurement of Lateral Epicondylitis, with Dr. Mary Sesto

Strength of various PIP joint fusion constructs with Dr. Brian Shannon. 2006, Dr. Brian Wills 2006-2008. –Poster at ASSH.

Sensory Feedback for the Powered Upper Extremity Prosthesis. In conjunction with Dr. Paul Bachy Rita 2005-2007.

Functional Hand Orthotic for Stroke and Paralysis, Hydraulic driven. University of Wisconsin Department of Biomedical Engineering, F Fronczak, PhD. Preliminary work resulted in Master's thesis by Scott Randall. 2004-2005.

Resident/Fellow Education, Medical Student Teaching

Fellows

Rheumatology fellow hand surgery rotation (2006-2010)

Residents

Orthopedic surgery resident PGY5 hand rotation

Personal microsurgery instruction Plastic residents- 4 hours

OITE review- 1 hours

Hand Surgery journal lectures/indications- 3 hours

ER residents- PGY1 Hand Rotation

Medical Students

PDS- 2012

MSK- Sept. 2008

Rotators 16 hours

Director of Meriter Hand Surgery Rotation, Plastic Surgery

Plastic surgery resident hand rotation- PGY4 (6 months) and PGY2 (2 months)

University of South Carolina Residents- PGY5 (6 months)

Physicians Assistants

Hand Rotation

Part III, AOBOS exam, 2-4 site visits per year. Educating young orthopedic surgeons.

Senior Examiner

BOARD EXAMINER

Ortho Part I- Exam writer

Ortho Part II- Administration/standard setting/proctor

Hand CAQ- Exam composer/editor/standard setting/proctor

Ortho Part III (Site exam, 20 charts and observe 2 cases), 6 last year as Senior Examiner

Abbreviations Key:

AAOS- American Academy Of Orthopaedic Surgery

AOAO – American Osteopathic Academy of Orthopedics

AOBOS – American Osteopathic Board of Orthopedic Surgery