

CURRICULUM VITAE
William O. Thompson, MD

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525 E. 71st St
New York, NY 10021
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EDUCATION:

1997-1998 Fellow, Sports Medicine and Shoulder Service
Hospital for Special Surgery, New York, NY

1996-1997 Clinical Instructor, Orthopaedic Surgery
University of Pittsburgh, Pittsburgh, PA

1993-1996 Resident, Orthopaedic Surgery
University of Pittsburgh, Pittsburgh, PA

1992-1993 Research Fellow, Orthopaedic Surgery
University of Pittsburgh, Pittsburgh, PA

1991-1992 General Surgery Intern
University of Pittsburgh, Pittsburgh, PA

1987-1991 University of Pittsburgh, MD, May 1991

1979-1983 State University of New York at Buffalo,
BS, Nuclear Medicine Technology, June 1983

TEAM COVERAGE:

Team Physician
Vassar College
Poughkeepsie, NY
8/1998 – 12/2000 : 1/2004 - Present

Team Physician
Marist College
Poughkeepsie, NY
9/1997- 12/2000

Assistant Team Physician
ATP Hamlet Challenge
1997

Assistant Team Physician
New York Mets Baseball
8/97 - 7/98

Mountain Physician
Killington Ski Resort
Killington, VT
12/97

HONORS and AWARDS:

Research Measurement of Muscle Force and Glenohumeral Joint Kinematics During Scapular Plane Abduction. , **Student Paper Competition, Second Place American Society of Mechanical Engineers, Bioengineering Division**
Chicago, IL, November 1994, presented by Dr. Debski

The Role of Force Couples About the Glenohumeral Joint in Rotator Cuff Disease: A Kinematic Analysis. , **Herodicus Award**
20th Annual Meeting of the American Orthopaedic Society for Sports Medicine
Palm Desert, CA, June 1994

Muscle Forces and Tendon Excursions for Scapular Plane Glenohumeral Abduction: A Human Cadaveric Testing Apparatus., **Best Resident Basic Science Paper**
1st Annual Residents and Fellows Research Day
Pittsburgh, PA, May 1992, presented by Dr. McMahon

Muscle Forces and Tendon Excursions for Glenohumeral Abduction in the Scapular Plane., **Resident Paper Competition**
Pennsylvania Orthopaedic Society
Pittsburgh, PA, November 1992

Three Dimensional MR Imaging of Meniscal Motion in the Knee.
New Award Program, Individual Orthopaedic Instruction
58th Annual Meeting of the American Academy of Orthopaedic Surgeons
Anaheim, CA, March 1991

3D MRI of Meniscal Motion in the Knee.
Mead Johnson Award, Excellence in Research, Medical Student Division
National Student Research Forum
Galveston, TX, April 1990

3D MRI of Meniscal Motion in the Knee.
Dr. Aaron Chausmer Award in Biomedical Computing
National Student Research Forum
Galveston, TX, April 1990

3D MRI of Knee Motion.
Best Student Research Award, Student Scientific Day,
University of Pittsburgh School of Medicine, May 1989

Medical school

Awards: Harold Henderson Sankey, M.D., Award in Orthopedic Surgery
Honors: Orthopaedic Surgery Acting Internship, Orthopaedic Research Rotation,
General Surgery Acting Internship, Radiology, Orthopaedic Surgery,
Pediatric Surgery, Pediatrics, Neurology, Anesthesia, Anatomy, Embryology,
Neuroscience, Physiology.

Undergraduate

Magna Cum Laude, Dean's List 1979-1983, Regent scholarship, Alpha Epsilon Delta, Class president 1982-83, School of Health Related Profession's Certificate of Professional Achievement

RESEARCH:

Manuscripts

Thompson WO, Warren RF, Barnes R

“The Shoulder”

Athletic Training and Sports Medicine, Vol. 3

New York, AAOS Press, 2000

Muhle C, **Thompson WO**, Sciulli R, Pedowitz R, Ahn JM, Yeh L, Clopton P, Haghghi P, Trudell DJ, Resnick D

Transverse ligament and its effect on meniscal motion. Correlation of kinematic MR imaging and anatomic sections.

Invest Radiol. 34(9):558-65, 1999

Thompson WO, Debski RE, Boardman ND, Taskiran E, Warner JJP, Woo SL-Y, Fu FH

A Biomechanical Analysis of Rotator Cuff Deficiency in a Cadaveric Model

Am J Sports Med 24(3):286-292,1996

Debski RE, McMahon P, **Thompson WO**, Warner JJP, Woo SL-Y, Fu FH

A New Dynamic Testing Apparatus to Study Glenohumeral Joint Motion

Journal of Biomechanics, 27:869-874, 1995.

McMahon PJ, Debski RE, **Thompson WO**, Warner JJP, Woo SL-Y, Fu FH

Shoulder Muscle Forces and Tendon Excursions During Scapular Plane Abduction

Journal of Shoulder and Elbow Surgery, 4:199-208, 1995.

Thompson WO, Fu FH:

The Meniscus in the Cruciate Deficient Knee.

in Fu FH (ed):

Clinics In Sports Medicine, The Anterior Cruciate Ligament

Philadelphia, Saunders, 1993, pp 771-796.

Fu FH, **Thompson WO**:

Biomechanics and Kinematics of Meniscus.

in AAOS Symposium (ed): Finerman GA

Biology and Biomechanics of the Traumatized Synovial Joint: The Knee as a Model.

New York, AAOS Press, 1993, pp. 153-183.

Fu FH, **Thompson WO**:

Motion of the Meniscus During Knee Flexion.

in Mow VC, Arnoczky SP, Jackson DW (eds):

Knee Meniscus - Basic and Clinical Foundations.

New York, Raven Press, 1992, pp 75-89.

Thompson W, Thaete F, Fu F, Dye S
Tibial meniscal dynamics using three-dimensional reconstruction of magnetic resonance images
Am J Sports Med 19:210-216, 1991

Heo J, **Thompson W**, Iskandrian AS
Prognostic Implications of Normal Exercise Thallium Images
Am J Noninvas Cardiol 1:209-212, 1987

Askenase A, Chen G, **Thompson W**, et al.
Oblique Cine Magnetic Resonance Blood Flow Imaging to Assess Change in Wall Motion
Circ 76: Suppl IV, 29, 1987, abstract

Thompson W, Heo J, Askenase A, et al.
Quantitative Assessment of Jeopardized Myocardium using Oblique-Angled Tomograms and Polar Maps in Symptomatic and Asymptomatic Ischemia
Clin Res 36(3):323A, 1988, abstract

In progress:

Harner C, **Thompson W**, Jamison J, Schulte K, Irrgang J, Saidman S, Whiteside T
The Immunologic Response to Fresh Frozen Patellar Tendon Allograft Anterior Cruciate Ligament Reconstruction: Humoral, Cellular and Clinical Parameters.

Presentations:

National and International:

McCarty E, **Thompson W**, O'Brien S, Altchek D, Warren R
Functional Outcome Analysis of Arthroscopic Capsular Release in Patients with Postoperative Shoulder Contractures
West Point Fellows Conference
West Point NY, June, 1999

Thompson W, Deng X, Allen A, Paletta G, Altchek D
Isometry of the Medial Ulnar Collateral Ligament
66th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Anaheim, CA, February 1999

Thompson W, Deng X, Allen A, Paletta G, Altchek D
Isometry of the Medial Ulnar Collateral Ligament
West Point Fellows Conference
West Point NY, May, 1998

Thompson W, Schulte K, Jamison J, Saidman S, Harner C
The Immunologic Response to Allograft Anterior Cruciate Ligament Reconstruction: Humoral and Cellular Parameters
63th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Atlanta, GA, February 1996

Schulte K, **Thompson W**, Jamison J, Irrgang J, Harner C
The Immunologic Response to Allograft Anterior Cruciate Ligament Reconstruction:
Clinical Parameters
63th Annual Meeting of the American Academy of Orthopaedic Surgeons
Atlanta, GA, February 1996

Thompson W, Harner C, Jamison J, Saidman S, Whiteside T
The Immunologic Response to Fresh Frozen Patellar Tendon Allograft Anterior Cruciate
Ligament Reconstruction
61th Annual Meeting of the American Academy of Orthopaedic Surgeons
New Orleans, LA, February 1994

Harner C, **Thompson W**, Jamison J, Saidman S, Whiteside T
The Immunologic Response to Fresh Frozen Patellar Tendon Allograft Anterior Cruciate
Ligament Reconstruction
American Orthopaedic Society for Sports Medicine Specialty Day
New Orleans, LA, February 1994

Thompson W, Debski R, McMahon P, Warner J, Woo S, Fu F
A Biomechanical Analysis of a Simulated Supraspinatus Muscle Tear
20th Annual Meeting of the American Orthopaedic Society for Sports Medicine
Sun Valley, ID, July 1993 *combined presentation

McMahon P, **Thompson W**, Debski R, Warner J, Woo S, Fu F
An Analysis of Muscle Forces and Tendon Excursions during Abduction of the
Glenohumeral Joint
20th Annual Meeting of the American Orthopaedic Society for Sports Medicine
Sun Valley, ID, July 1993 *combined presentation

Fu F, **Thompson W**, Thaete F, Olson E
Combined Anterior and Posterior Cruciate Ligament Kinematics by Non-Orthogonal
Magnetic Resonance Imaging
Combined Congress of the **International Arthroscopy Association** and the **International
Society of the Knee**
Copenhagen, Denmark, June 1993

Thompson W, Debski R, McMahon P, Warner J, Woo S, Fu F
A Biomechanical Analysis of a Simulated Supraspinatus Muscle Tear
Seventh Congress of European Society for Surgery of the Shoulder and the Elbow
Aarhus, Denmark, June 1993, Poster

McMahon P, **Thompson W**, Debski R, Warner J, Woo S, Fu F
An Analysis of Muscle Forces and Tendon Excursions during Abduction of the
Glenohumeral Joint
Seventh Congress of European Society for Surgery of the Shoulder and the Elbow
Aarhus, Denmark, June 1993, Poster

Thompson W, Debski R, McMahon P, Maddox L, Warner J, Woo S, Fu F
Muscle Forces for Glenohumeral Abduction in the Scapular Plane in the Simulated
Supraspinatus Tendon Tear
106th Annual Meeting of the **American Orthopaedic Association**
Coronado, CA, June 1993

McMahon P, **Thompson W**, Debski R, Maddox L, Warner J, Fu F, Woo S
Muscle Forces for Glenohumeral Abduction in the Scapular Plane in a Simulated
Supraspinatus Tendon Tear
American Orthopaedic Association 26th Annual Resident's Conference
Seattle, WA, March 1993

McMahon P, Debski R, **Thompson W**, Warner J, Woo S, Fu F
A Cadaveric Model to Study Glenohumeral Motion
60th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
San Francisco, CA, February 1993, scientific exhibit

Thompson W, Fu F, Thaete F, Olson E
Combined Anterior and Posterior Cruciate Ligament Kinematics by Non-Orthogonal
Magnetic Resonance Imaging
11th Annual Meeting of the **Arthroscopy Association of North America**
Boston, MA, April 1992

Berger R, Seel M, **Thompson W**, et al.
Safe and Danger Zones for Screw Fixation of the Tibial Component in Total Knee
Arthroplasty
59th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
The Knee Society
Washington DC, February 1992

Thompson W, Fu F, Thaete F
Meniscal Pathodynamics by 3D Magnetic Resonance Imaging
Combined Congress of the **International Arthroscopy Association** and the
International Society of the Knee
Toronto, Ontario, Canada, May 1991

Thompson W, Fu F, Thaete F
Meniscal Tear Pathodynamics by 3D Reconstructed Magnetic Resonance Images
58th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Anaheim, CA, March 1991

Fu F, **Thompson W**, Thaete F
3D MRI Kinematics of Meniscus Tears
58th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Meniscal Transplantation Study Group
Anaheim, CA, March 1991

Thompson W, Fu F, Thaete F
Meniscal Pathodynamics by 3D MRI
58th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Anaheim, CA, March 1991, scientific exhibit

Thompson W, Fu F, Thaete F, Dye S
Normal Meniscal Kinematics by 3D Reconstruction Magnetic Resonance Imaging
58th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
Anaheim, CA, March 1991, video exhibit

Thompson W, Fu F, Thaete F
Meniscal Pathodynamics by 3D Magnetic Resonance Imaging
A.O.S.S.M/J.O.S.S.M Trans-Pacific Meeting
Kauai, Hawaii, January 1991, poster exhibit

Thompson W, Fu F, Thaete F, Dye S
Normal Meniscal Kinematics by 3D Reconstruction Magnetic Resonance Imaging
First World Congress of Biomechanics
La Jolla, CA, Aug/Sept 1990, poster exhibit

Thompson W, Fu F, Thaete F, Dye S
Normal Meniscal Kinematics by 3D Reconstruction Magnetic Resonance Imaging
Fourth Congress of the **European Society of Knee Surgery and Arthroscopy**
Stockholm, Sweden, June 1990

Thompson W, Thaete F, Fu F, Dye S
Three-Dimensional MR Imaging of Meniscal Motion in the Knee
XXIV FIMS World Congress of Sports Medicine
Amsterdam, Holland, May/June 1990, poster exhibit

Thompson W, Thaete F, Fu F, Dye S
Three-Dimensional MR Imaging of Meniscal Motion in the Knee
American Roentgen Ray Society of North America
Washington, DC, May 1990, poster exhibit

Thompson W, Thaete F, Fu F, Dye S
3D MRI of Meniscal Motion in the Knee
31st Annual **National Student Research Forum**
Galveston, TX, April 1990

Thompson W, Fu F, Thaete F, Dye S
Assessment of Tibial Meniscal Kinematics by 3D Magnetic Resonance Imaging
36th Annual Meeting of the **Orthopaedic Research Society**
New Orleans, LA, Feb 1990

Thompson W, Fu F, Thaete F, Dye S
Normal Meniscal Kinematics by 3D Reconstructed Magnetic Resonance Images
57th Annual Meeting of the **American Academy of Orthopaedic Surgeons**
New Orleans, LA, Feb 1990

Thompson W, Fu F, Thaete F, Dye S
Meniscal Kinematics: Evaluation Using 3D Reconstruction Techniques in Normal and Abnormal Specimens
57th Annual Meeting of the American Academy of Orthopaedic Surgeons, Meniscal Transplantation Study Group
New Orleans, LA, Feb 1990

Fu F, **Thompson W**, Baratz M, Dye S, Thaete F
The Functional Anatomy, Biomechanics and Kinematics of the Meniscus
57th Annual Meeting of the American Academy of Orthopaedic Surgeons
New Orleans, LA, Feb 1990, scientific exhibit

Thompson W, Thaete F, Fu F, Dye S
Three-Dimensional MR Imaging of Meniscal Motion in the Knee
75th Annual Meeting of the Radiologic Society of North America
Chicago, IL, Nov 1989

Thompson W, Thaete F, Fu F, Dye S
Three-Dimensional MR Imaging of Meniscal Motion in the Knee
75th Annual Meeting of the Radiologic Society of North America
Chicago, IL, Nov/Dec 1989, poster exhibit

Thompson W, Thaete F, Fu F, Dye S
Tibial Meniscal Dynamics using 3D Reconstruction of MR Images
1st Congress of Knee and Orthopaedic Sports Medicine Section of the Western Pacific Orthopaedic Association
Yokohama, Japan, July 1989, presented by Dr. Fu

Thompson W, Thaete F, Fu F, Dye S
Tibial Meniscal Dynamics using 3D Reconstruction of MR Images
15th Annual Meeting of the American Orthopaedic Society for Sports Medicine
Traverse City, MI, June 1989

Thompson W, Thaete F, Fu F, Dye S
Tibial Meniscal Dynamics using 3D Reconstruction of MR Images
5th Annual ESKA-AOSSM Sports Medicine Traveling Fellowship
Pittsburgh, PA, June 1989

Regional and Local:

Thompson W, Debski R, McMahon P, Warner J, Fu F, Woo S
Muscle Forces and Tendon Excursions for Glenohumeral Abduction in the Scapular Plane.
Pennsylvania Orthopaedic Society, Pittsburgh, PA, November 1992

Thompson W, Thaete F, Fu F
3D MRI of Knee Motion
Student Scientific Day
Pittsburgh, PA, May 1989

Thompson W
"Meniscus Function"
Sports Medicine Grand Rounds
May 6, 1989

Invited Participation and Lectures:

Invited Participation and Lectures:

The Athlete's Shoulder
Shoulder Workshop
Hospital for Special Surgery
May 9, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Diagnosis of Rotator Cuff Disease
May 5, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Pathophysiology of Rotator Cuff Disease
May 5, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Injuries of the Athletic Elbow
May 2, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Anatomy and Biomechanics of the Elbow
May 2, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
SLAP Lesions
April 29, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Multidirectional Instability
April 29, 1998

Congreso Nacional de Ortopedia XXIV, Mexico City, Mexico
Anatomy and Biomechanics of the Shoulder
April 29, 1993

“Radiolucent Bone Lesions”, Audio program
Medical Outlook for Orthopaedic Surgeons 10 (3), 1996

"The Dynamic Analysis of Glenohumeral Motion with Rotator Cuff Pathology"
Twenty-First Herodicus Society Meeting
Huntsville, ONT, Canada, July 1995

"Immunology of ACL Allografts"
International Symposium on Bone and Soft Tissue Allografts
Musculoskeletal Transplant Foundation
Washington, DC, April 1995

"Biomechanics of the Shoulder"
Sports Rehabilitation Update
University of Pittsburgh Medical Center
Pittsburgh, PA, March 1993

The Shoulder: mobility vs stability: NIH/AAOS/ASSOM Workshop
Vail, CO, 9/92

CERTIFICATION AND SOCIETY MEMBERSHIP:

NY License 207208, June 13, 1997, active
PA License: MD056357L, June 5 1995, voluntary inactive
ND License 7735, July 25, 1997, voluntary inactive
VT License 042-0009586 December 1, 1997, voluntary inactive
American Academy of Orthopaedic Surgeons, Fellow, March, 14, 2004
American Board of Orthopaedic Surgeons, July 13, 2000
National Board of Medical Examiners, May 1992
BCLS July 1999, ACLS, July 1999
AMA 1987, AAOS 1996

EMPLOYMENT:

1/2001 - Present

Advantage Orthopaedics, PC, President
695 Dutchess Turnpike, Suite 206
Poughkeepsie, NY 12603

8/98 – 12/2000

Hudson Valley Sports Medicine and Orthopaedics
243 North Road, Suite 103
Poughkeepsie, NY 12603

Orthopaedics Locum Tenens

7/97 - 8/97

Medical Arts Clinic
Minot, ND
John Osland, MD

5/97 - 6/97

Pottsville Hospital and Warne Clinic
Pottsville, PA
Robert Boran, MD

1/97 - 6/97

Clinical Instructor, Dept. of Orthopaedics
University of Pittsburgh Medical Center
Pittsburgh, PA

10/96 - 12/96

Clinical Instructor, Dept. of Orthopaedics
Oakland VA Hospital
Pittsburgh, PA

7/96 - 9/96

Clinical Instructor, Dept. of Orthopaedics
Mercy Hospital
Pittsburgh, PA

HOSPITAL AFFILIATIONS

Hospital for Special Surgery, NY, NY
New York Presbyterian, NY, NY
St. Francis Hospital, Poughkeepsie, NY
Northern Dutchess Hospital, Rhinebeck, NY
Fishkill Ambulatory Surgical Center, Fishkill NY

ACADEMIC APPOINTMENTS

Assistant Attending Orthopaedic Surgeon, Hospital For Special Surgery
Assistant Attending in Orthopaedics, Weill Medical College of Cornell University