

AMY E. ABBOT

Education:

CORNELL UNIVERSITY MEDICAL COLLEGE

Doctorate of Medicine (05/00)

UNIVERSITY OF WASHINGTON

Master of Science, Oceanography (12/93)

MOUNT HOLYOKE COLLEGE

Bachelor of Arts, Biological Sciences (05/89)

Magna cum Laude

Residency Training:

07/01-07/06

COLUMBIA UNIVERSITY/NEW YORK PRESBYTERIAN HOSPITAL

Postdoctoral Residency Fellow in Orthopaedic Surgery

Fellowship Training:

08/06

UMASS MEMORIAL MEDICAL CENTER

Sports Medicine and Arthroscopy

Brian Busconi, MD Fellowship Director

Employment:

Starting 06/08

UMASS MEMORIAL MEDICAL CENTER

09/07 – 06/08

SAINT ANNE'S HOSPITAL – CARITAS CRISTI NETWORK

Center for Orthopaedics and Sports Medicine, Fall River, MA

Licenses:

COMMONWEALTH OF MASSACHUSETTS – 233329

Expires 12/27/09

STATE OF NEW YORK – 232505

Inactive since 12/27/07

DRUG ENFORCEMENT ADMINISTRATION

United States – FA0339110

Massachusetts – MA0676227A

Professional Organizations:

American Academy of Orthopaedic Surgeons

American Association for Orthopaedic Sports Medicine

Arthroscopy Association of North America

Ruth Jackson Orthopaedic Society

Honors:

Warner – Arciero NESES Research Award (3/07)
Nas Efticar Award for Research in Total Joint Replacement (5/06)
New York Presbyterian Physician of the Year (11/03)
Frank E. Stinchfield Post-Doctoral Fellow in Biomechanics (07/00-06/01)
T. Campbell Thompson Award for Excellence in Orthopaedics (05/00)
Papanicolaou Fellow in Anatomy (05/00)
Office of Naval Research Fellowship (08/90-07/93)
Woods Hole Oceanographic Research Fellowship (06/89-08/89)
Sarah Williston Scholar (05/89)
McClellan Award for Excellence in Biology (05/89)
Phi Beta Kappa (1988)
Armstrong Fellowship for Marine Research (05/88)
Turner Award for Biological Research (05/87)
CRC Science Achievement Award (05/86)

Fellowship Support:

07/00-06/01 **COLUMBIA UNIVERSITY**
Full funding of 1 year of post-doctoral research in orthopaedic biomechanics
Satisfactorily completed June 2001

08/90-07/93 **OFFICE OF NAVAL RESEARCH**
Full funding of 3 years of graduate research in oceanography
Satisfactorily completed June 1993

06/89-08/89 **WOODS HOLE OCEANOGRAPHIC INSTITUTION**
Full funding for 3 months of research in biologic oceanography
Satisfactorily completed September 1989

Teaching Experience:

01/00-04/00 **CORNELL UNIVERSITY MEDICAL COLLEGE (NEW YORK, NY)**
Teaching Assistant-Anatomy
Taught laboratory component of gross anatomy to first year Cornell medical students

03/94-07/96 **SEATTLE PARKS AND RECREATION (SEATTLE, WA)**
Rowing Coach
Coached Novice and Masters rowers and prepared them for local and national competition.

09/93-05/94 **UNIVERSITY OF WASHINGTON (SEATTLE, WA)**
Teaching Assistant-Introductory Oceanography (01/94-05/94)
Taught laboratory science component of the introductory oceanography curriculum

Teaching Assistant-Biological Oceanography (09/93-12/93)
Delivered class lectures on marine benthic biology and marine microbiology.

01/90-08/90 **SEA EDUCATION ASSOCIATION (WOODS HOLE, MA)**
Assistant Scientist (1990) - Maintained laboratory and taught oceanographic methodology to college students on the sailing research vessels *Westward* and *Corwith Cramer*, performing ocean research from Labrador to Venezuela.

09/88-05/89 **MOUNT HOLYOKE COLLEGE** (SOUTH HADLEY, MA)
Chemistry Teaching Assistant (1988)
Assisted students with experimental set up, execution and analysis during the laboratory component of General Chemistry.

Tutor in Genetics and Chemistry (1988-1989)
Assisted students in understanding of class material toward completion of assignments and preparation for examinations.

Research Experience:

07/00-06/01 **COLUMBIA UNIVERSITY/NEW YORK PRESBYTERIAN HOSPITAL** (NEW YORK, NY)
Van C. Mow PhD
Postdoctoral Research Fellow:
-Examined the role of ligamentous laxity in the development of osteoarthritis of the carpometacarpal joint of the thumb

09/99-05/00 **HOSPITAL FOR SPECIAL SURGERY** (NEW YORK, NY)
Scott Rodeo MD
Research Student:
-Histologic and Histochemical Analysis of Tendon-to-Bone Healing in a Rabbit Model
-The immunologic response to allograft tissue used in knee reconstruction

06/97-09/98 **HOSPITAL FOR JOINT DISEASES - NEW YORK HOSPITAL** (NEW YORK, NY)
Jill Buyon MD, Deborah Friedman MD
Research Student:
-Cardiac manifestations of neonatal lupus

09/90-12/95 **UNIVERSITY OF WASHINGTON** (SEATTLE, WA)
Epidemiology Research Consultant-Data Manager (08/94-03/96)
-Evaluation of the risk of silicone exposure in the development of connective tissue diseases.

Research Assistant (09/90-07/94)
-Benthic marine microbiology and biophysics. Mathematical modeling of biological systems.

Masters Thesis: (05/94)
-Microbial motility in porous matrices: The effects of sediment geometry and pore water chemistry

09/89-12/89 **MARINE BIOLOGICAL LABORATORY / BOSTON UNIVERSITY** (WOODS HOLE, MA)
Research Student:
-Effects of eutrophication on ecosystem production and diversity in Waquoit Bay, Falmouth, Massachusetts.

06/89-08/89 **WOODS HOLE OCEANOGRAPHIC INSTITUTION** (WOODS HOLE, MA)
Research Fellow:
-Physical and chemical factors affecting polychaete larval settlement in the Great Sippewisset Salt Marsh, Falmouth, Massachusetts.

05/89 **MOUNT HOLYOKE COLLEGE** (SOUTH HADLEY, MA)
Senior Research:
-Effects of light exposure and temperature on β_1 -adrenergic receptors in the brown fat of mice.

Publications:

Journals:

Abbot, AE and Busconi, BD. Concomitant SLAP lesion and rotator cuff repair in patients over the age of 40 years. *Submitted to American Journal of Sports Medicine 1/2008.*

Abbot AE, Ko BH, Gardner TR, Yoon YS, Shrivastava N, Macaulay W. Evaluation of three different CT-free navigation systems for total knee arthroplasty using a coordinate measuring machine. *In Press, Surgical Technology International.*

Beekman RA, Abbot AE, Taylor NL, Rosenwasser MP, Strauch RJ. Extensor mechanism 'slide' for the treatment of proximal interphalangeal joint extension lag: An anatomic study. 2004. *J Hand Surgery, 29A(6):1063-8.*

Shrivastava N, Koff MF, Abbot AE, Rosenwasser MP, Mow VC, Strauch RJ. Simulated extension osteotomy of the thumb metacarpal joint reduces carpometacarpal joint laxity in lateral pinch. 2003. *J Hand Surg [Am]. 28(5):733-8*

Case Reports:

Abbot AE and Sculco TL. Septic sacroiliitis with hematogenous spread to a total knee arthroplasty. 2001. *J Arthroplasty. 16(2):225-228.*

Abbot AE and Hannafin JA. Proximal clavicular stress fracture in a female lightweight rower. 2001. *Am J Sport Med 29(3):370-372.*

Abstracts:

Abbot, AE and Busconi, BD. Concomitant SLAP lesion and rotator cuff repair in patients over the age of 40 years. 2008. Poster 314. Proceedings of the 75th Annual Meeting of the American Academy of Orthopaedic Surgeons.

Abbot, AE and Busconi, BD. Concomitant SLAP lesion and rotator cuff repair in patients over the age of 40 years. 2008. Podium Presentation 6731. American Association for Orthopaedic Sports Medicine. 75th Annual Meeting of the American Academy of Orthopaedic Surgeons Specialty Day.

Abbot, AE and Busconi, BD. Concomitant SLAP lesion and rotator cuff repair in patients over the age of 40 years. New England Shoulder and Elbow Society Annual Meeting. 2007.
*Warner-Arciero Award for Resident/Fellow Research

Ko BH, Abbot AE, Gardner TR, Yoon YS, Shrivastava N, Macaulay W. Evaluation of different CT-free navigation systems for total knee arthroplasty using a coordinate measuring machine. Paper 279. 2006. Transactions of the 52nd Annual Meeting of the Orthopaedic Research Society.

Beekman RA, Abbot AE, Taylor NL, Strauch RJ. Sagittal band release for the treatment of proximal interphalangeal joint extension lag: An anatomic study. American Association for Hand Surgery, Annual Meeting, 2005.

Beekman RA, Abbot AE, Taylor NL, Strauch RJ. Sagittal band release for the treatment of proximal interphalangeal joint extension lag: An anatomic study. American Society for Surgery of the Hand, Annual Meeting, 2004.
*Emmanuel Kaplan Award

Beekman RA, Abbot AE, Taylor NL, Rosenwasser MP, Strauch RJ. Extensor mechanism 'slide' for the treatment of proximal interphalangeal joint extension lag: An anatomic study. New York Society for Surgery of the Hand, Annual Residents and Fellows Night, 2004.
*First Place Award.

Koff MF, Abbot AE, Valettie MV, Shrivastava NS, Gardner TG, Strauch RJ, Mow VC. Laxity of the non-osteoarthritic human thumb carpometacarpal joint. 2002. 49th Annual Meeting of the Orthopaedic Research Society

Koff MF, Shrivastava NS, Abbot AE, Heyworth BE, Gardner TR, Strauch RJ, Mow VC. Effect of extension osteotomy of the 1st metacarpal on laxity of the thumb carpometacarpal joint. 2002. ASME International Mechanical Engineering Congress and Exposition.

Shrivastava NS, Koff MF, Abbot AE, Gardner TR, Mow VC, Rosenwasser MP, Strauch RJ. Extension osteotomy of the thumb metacarpal reduces carpometacarpal joint laxity. 2002. New York Society for Surgery of the Hand, Residents and Fellows Conference.

Abbot AE, Warren RF, Wickiewicz TL and Rodeo SA. Early humoral immune response to fresh frozen allograft in knee reconstruction. 2001. Paper 61. 68th Annual Meeting Proceedings of the American Academy of Orthopaedic Surgery.

Kim HJ, Hatch J, Abbot A, Ying L, McCarthy D, Rodeo SA. Identification of the cells that participate in early tendon-to-bone healing. 2001. Paper 742. Transactions of the 47th Annual Meeting of the Orthopaedic Research Society.

Abbot AE, Buyon J and Friedman D. The prevalence of cardiomyopathy in patients recorded in The Research Registry for Neonatal Lupus. 1998. Arthritis Rheum. 41(suppl):S262.

Book Chapters:

Abbot AE, Levine WN and Mow VC. Biomechanics of articular cartilage and menisci of the adult knee. 2002. In: The Adult Knee. Callaghan JJ, Rosenberg AG, Rubash HE, Simonian PT, Wickiewicz TA (Eds). Lippincott, Williams & Wilkins.