

Andrew W. Moulton, M.D.

Education

North American Spine Society

International Traveling Fellow, Spine Surgery, 9/03 - 3/04

NYU/Hospital for Joint Disease

New York, New York

Fellow, Spine Surgery, 8/02 - 7/03

SUNY-Downstate Department of Orthopaedic Surgery

Brooklyn, New York

Orthopedic Surgery Resident, 7/98 - 6/02

NYU/Bellevue Department of Surgery

New York, New York

Intern, 7/97 - 6/98

SUNY-Downstate School of Medicine

Brooklyn, New York

Medical Student, 9/93 - 6/97

University of California at Los Angeles

Los Angeles, California

Bachelor of Science in Kinesiology, 8/87 - 3/92

Honors & Awards

SUNY-Downstate School of Medicine ♦ Honors Distinction in Orthopedic, General Surgery, Medicine and Pediatric core clerkships ♦ Honors Distinction in Surgical Intensive Care, Ambulatory Care, Psychiatry and Emergency Medicine clerkships

University of California at Los Angeles ♦ Graduate Cum Laude, 1992 ♦ Dean's Honor List, 9/88 - 3/92

Professional Work Experience

Fundacion Mariposa, Santo Domingo, Dominican Republic

President and co-founder, non-profit organization (501c3) bringing deformity focused academic spine surgeons and comprehensive teams to Santo Domingo to teach local spine surgeons through didactics, work-shops, and surgery on local patients, 8/02-present

Children's Relief Mission, Tela, Honduras

Volunteer, orthopedic surgery missions providing care for children of Tela, Honduras, involving clubfoot and other congenital deformities and traumatic injuries, 4/00, 4/01

Spine Harvesting Program

Coordinator, cadaveric spine harvesting program for SUNY-Downstate, 8/99 - 6/02

Team Doctor

Boys' and Girls' High-school football and track teams, Brooklyn, New York, 6/99 - 6/02

Professional Work Experience (continued)

Spanish for Physicians

Co-founder and teacher of practical Spanish course for physicians in medical school, SUNY-Downstate School of Medicine, Brooklyn, New York, 9/94 - 5/97

Rosa Azul Humanitarian Organization

Instructed workers at affiliated orphanages throughout Brazil in techniques of behavior modification for improving function of autistic children, 11/92 - 8/93

Motion Picture/Television Industry

Organized, hired and translated for American crews for television commercials, movies and magazine advertisements produced by Japanese, Mexican, and Brazilian advertising firms, 5/88 - 8/93

California Animal Hospital

Assisted veterinary surgeon specializing in orthopedics with surgery and clinical research, 7/87 - 9/89

Research Experience/Publications/Presentations

“Posterior Segmental Spinal Fusion is a Safe and Effective Treatment of Jehova’s Witness Patients with Adolescent Idiopathic Scoliosis”, Moulton AM, Shufflebarger H. Long-term clinical report, submitted to SRS, 2004.

“*The Effect of Intervertebral Disc Arthroplasty on Facet Strain*”, Moulton AM, Valdevit A, Errico T. Ongoing biomechanical study of the effect of intervertebral disc arthroplasty on facet joints at all levels of the lumbar spine.

“*In Vitro Stability of FRA Spacers with a Novel Anterior Tension Band for Anterior Lumbar Interbody Fusion*”, Moulton AM, Valdevit A, Spivak J, Ongoing biomechanical study of the effect of an anterior tension band on the stability of a functional spinal unit instrumented anteriorly with a femoral ring allograft.

“*A Biomechanical Comparison of In Vitro and Ultra High Molecular Weight Polyethylene Functional Spinal Unit Models*”, Thomas R. Maher, M.D., Andrew W. Moulton, M.D., Daniella Ottaviana, M.Eng. For submission to Spine, 8/02.

“*An In Vitro Biomechanical Analysis of Spinal Interbody Fusion Devices*”, Thomas R. Maher, M.D., Andrew A. Merola, M.D., Andrew W. Moulton, M.D., Amy W. Yeung M.Eng., Steven A. Caruso, M.Eng. Submitted to Spine, 4/01.

“*Methemoglobinemia in an Infant with Gastroenteritis*”, Andrew W. Moulton, M.D., Binita Shah, M.D., case report presented at 1996 American Pediatric Emergency Medicine Association Meeting, Baltimore, Maryland.

“*Femoral Head and Neck Excision in the Management of Canine Hip Dysplasia*”, Charles L. Lippincott, D.V.M.. Veterinary Clinics of North America - Small Animal Practice, 05/1992, volume: 22, pages: 721-37.

“*Experimental Diabetes, Insulin Treatment, and Femoral Neck Morphology and Biomechanics in Rats*”, Jack C. Hou, M.D., Ph.D., Ronald F. Zernicke, Ph.D, Clinical Orthopedics and Related Research, 03/1991, volume: 264, pages: 278-85.

Special Skills

- Fluent Spanish and Portuguese
- Working knowledge of Japanese