

## **CURRICULUM VITAE**

### **MARK THOMAS MCQUAIN, M.D.**

**Office Address:** Watauga Orthopaedics  
2410 Susannah Street  
Johnson City, TN 37601

**Date of Birth:** May 1, 1960

**Place of Birth** Dayton, Ohio

#### **GRADUATE MEDICAL EDUCATION:**

Mayo Graduate School of Medicine  
200 First Street, SW  
Rochester, MN 55905  
Phone: (507) 284-2220  
Resident in Physical Medicine and Rehabilitation  
Completed June 1990

Mount Carmel Medical Center  
793 West State Street  
Columbus, OH 43222  
Phone: (614) 225-5025  
Transitional Internship  
Completed June 1987

**RESEARCH:**

Principal Investigator on research involving cutaneous muscle stimulation and conditioning. A Mayo Foundation Grant of \$27,000 was awarded to fund the project.  
1989

S.B. Thesis:  
"Visually Induced Self-Motion: Experiments in Space"  
Designed and implemented software used to analyze data generated during the December 1983 NASA Flight of Space Lab One.  
Thesis Advisor: Dr. Laurence R. Young  
1982

**PUBLICATIONS:**

"Effects of Electrical Stimulation on Lumbar Spinal Muscles". SPINE, 1993; 18:1787-92  
1993

**PRESENTATIONS**

"Effects of Electrical Stimulation on Lumbar Paraspinal Muscles". Presented at the Second Meeting of the European Neurologic Society in Brighton, United Kingdom on July 4, 1990.

"Peripheral Neuropathy and Myotonia". Presented at the 36th AAEE annual scientific meeting in Washington, DC on September 16, 1989  
Co-authored by K.A. Stolp-Smith, M.D.

**MEDICAL EDUCATION:**

Ohio State University College of Medicine  
300 West Ninth Street  
Columbus, Ohio 43210  
Doctor of Medicine  
June 1986

**UNDERGRADUATE EDUCATION:**

Massachusetts Institute of Technology  
Cambridge, MA 02139  
S.B. Electrical Engineering  
June 1982

**SOCIETY MEMBERSHIP AND PROFESSIONAL AFFILIATION**

Washington County Medical Society  
American Academy of Physical Medicine and  
Rehabilitation  
American association of Electrodiagnostic Medicine  
American Spinal Injury Association  
International Rehabilitation Medical Association

**MEDICAL LICENSURE AND CERTIFICATION**

Current - Tennessee MD023525  
1987 - National Board of Medical Examiners  
Certificate

**SPECIALTY BOARD STATUS:**

Board Certified: American Board of Physical  
Medicine and Rehabilitation #3598  
1991

Board Certified: American Board of  
Electrodiagnostic Medicine # 2278  
1997

**EMPLOYMENT:**

Partner  
Watauga Orthopaedics, PLC  
2410 Susannah Street  
Johnson City, Tennessee 37601  
Phone (423) 282-9011  
June 96 - Present

Associate Medical Director  
Northeast Tennessee Rehabilitation Hospital  
2511 Wesley Street  
Johnson City, TN 37601  
Phone (423) 283-0700  
August 1992 - June 96

Medical Director  
Kansas Rehabilitation Hospital  
1504 SW 8th Street  
Topeka, KS 66606  
Phone (913) 235-6600  
July 1990 - July 1992

Computer Consulting Service  
Rochester, MN  
Self-employed and retained with Chronodynamics,  
Ltd. of Dayton, Ohio to design and maintain a  
statistical and data basing program essential for the  
development of a new medical diagnostic device.  
1987 - 1990