

## **Steve R. Williams, MD**

### **Date of Birth:**

August 4, 1964

### **Home Phone:**

617-948-1626

### **Office Phone:**

502-617-414-3371

### **Home Address:**

1 Charles Street South  
Apt. 1604  
Boston, MA 02116

### **Email Contact:**

[drwilliams@advancedneuro.com](mailto:drwilliams@advancedneuro.com)

### **Current Academic Rank:**

Associate Professor of Rehabilitation Medicine  
University of Louisville School of Medicine

Associate Professor of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA

### **Current Appointment:**

Associate Professor, Division of Physical Medicine and Rehabilitation  
University of Louisville  
Chief, Division of Spinal Cord Medicine & Director of Translational Research  
Chief Medical Officer, Frazier Rehabilitation and Neuroscience Institute

Chairman  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA

Chief, Rehabilitation Services  
Boston Medical Center  
Boston, MA

Director, New England Regional Spinal Cord Injury Center  
Boston Medical Center  
Boston, MA

Residency Program Director  
Department of Rehabilitation Medicine  
Boston University Graduate School of Medicine  
Boston, MA

**Citizenship:**

United States

**Certification:**

Spinal Cord Injury Medicine  
October 2002

Physical Medicine and Rehabilitation  
May 2001

**Licensure:**

Massachusetts	159127	Expiration	8/11
New York		Inactive	
Virginia	0101053009	Expiration	8/04

**Higher Education:**

**Residency Training/Education:**

Center of Excellence  
Geriatric Faculty Scholar  
Department of Geriatrics  
Boston University School of Medicine  
Boston, MA  
July 2003 through June 2004

Rusk Institute for Rehabilitation Medicine, NYU  
New York, NY  
Department of Rehabilitation Medicine  
July 1997 through June 1998

Boston University School of Graduate Medicine  
Department of Physical Medicine & Rehabilitation  
Boston, MA  
July 1995 through June 1997

### **Internship:**

Eastern Virginia Graduate School of Medicine  
Children's Hospital of the King's Daughters  
Department of Pediatrics  
July 1994 through June 1995

### **Graduate Education:**

Eastern Virginia Medical School  
Norfolk, VA  
Doctor of Medicine  
May 1994

Medical College of Virginia  
School of Dentistry  
Richmond, VA  
1986 through 1989

### **Undergraduate Education:**

University of Virginia  
Charlottesville, VA  
Bachelor of Arts  
May 1986

### **Professional Experience:**

#### **Administrative:**

Chairman  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
2006

Chief  
Rehabilitation Services  
Boston Medical Center  
2006

Chairman, *Ad Interim*  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA  
2003-2006

Chief, *Ad Interim*  
Rehabilitation Services  
Boston Medical Center  
Boston, MA  
2003-2006

Residency Program Director  
Rehabilitation Medicine  
Boston University Graduate School of Medicine/Boston Medical Center  
Boston, MA  
December 2003

Director of Medical Student Education  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA  
December 2003

Acting Chief and Chairman  
Department of Rehabilitation Medicine  
Boston University School of Medicine/Boston Medical Center  
Boston, MA  
July 2002 through September 2003

Vice-Chairman  
Department of Rehabilitation Medicine  
Boston University School of Medicine/Boston Medical Center  
Boston, MA  
July 2001 through July 2002

Clinical Service Director  
Medical Director, Inpatient Rehabilitation  
Department of Rehabilitation Medicine  
Center for Rehabilitation (Acute Rehab)/Transitional Care Unit (Sub-acute Rehab)  
Boston Medical Center  
Boston, MA  
May 1999

**Academic:**

Associate Professor  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA  
2006

Assistant Professor  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA  
1999

**Non-Academic:**

North Queens Rehabilitation Services  
New York, NY  
Attending Physician  
August 1998 through April 1999

**Hospital Committees:**

Institutional Review Board  
Boston University Medical Center  
Boston, MA  
Appointed 2004

Credentials Committee  
Boston Medical Center  
Boston, MA  
Appointed 2004

Medical Executive Committee  
Boston Medical Center  
Boston, MA  
Appointed 2002

Clinical Chiefs Committee  
Appointed 2002

CARF Accreditation Committee  
Center for Rehabilitation, Boston Medical Center  
Boston, MA  
Chairman 1999 through 2010

Clinical Administrative Team Committee  
Center for Rehabilitation, Boston Medical Center  
Boston, MA  
Chairman 1999 through 2002

## **Medical School Committees:**

Medical School Admissions Committee  
Boston University School of Medicine  
Boston, MA

Lead Advisor  
Chester Scott Kieffer Student Advising Academy  
Boston University School of Medicine  
Boston, MA

Representative, North East Region, Resident Section,  
American Academy of Physical Medicine & Rehabilitation 1996-97

Representative, House Officer's Association  
Department of Physical Medicine & Rehabilitation  
Boston Medical Center  
Boston, MA, 1996

Representative, House Officer's Association  
Department of Pediatrics  
Eastern Virginia Graduate School of Medicine  
Norfolk, VA, 1995

Student Representative, Selection Committee  
Dean and Provost Eastern Virginia Medical School  
Norfolk, VA, 1993

Student Representative, Selection Committee  
Dean of Minority Affairs, Eastern Virginia Medical School  
Norfolk, VA 1992

Student Representative, Robert Wood Johnson Generalist  
Initiative Grant Proposal Team  
Eastern Virginia Medical School, Norfolk, VA 1993

## **National Committees:**

Chairman, Program Committee  
American Spinal Cord Injury Association/International Spinal Society Combined Scientific  
Symposium  
2011

Co-Chairman, Program Committee  
American Spinal Injury Association (ASIA) Annual Scientific Symposium  
2007-2012

Executive Committee of Project Directors  
National Institutes on Disability Rehabilitation Research  
Model Spinal Cord Systems  
2006-0011

Chairman, Community Interventions Committee  
National Institutes on Disability Rehabilitation Research  
Model Spinal Cord Systems  
2006-0011

Christopher Reeve Foundation  
National Consensus Panel on Paralysis  
2006

National Institutes on Disability Rehabilitation Research  
National Measurement and Outcomes Conference  
Program Planning Committee Ambulation after SCI  
Boston, MA 2006

American Spinal Injury Association (ASIA)  
Program Development Committee, 2005-2008.

American Spinal Injury Association (ASIA)  
Fundraising Committee, 2005-2008.

### **Editorial and Review Committees:**

Reviewer, Grants, National Institute on Health (NIH)  
Reviewer, Archives of Physical Medicine & Rehabilitation  
Reviewer, Osteoporosis International  
Reviewer, Abstract Submissions for Annual Meeting of the American Spinal Injury Association (ASIA)

### **Scientific Advisory Boards:**

North American Clinical Trials Network, Safety Monitor for all clinical trials  
Christopher and Dana Reeve Foundation

Cyberkinetics, Inc.  
Foxborough, MA

Myomo, Inc.  
Boston, MA

## **Funded Research:**

Principal Investigator  
National Institute on Disability Rehabilitation Research  
Grant # H133N110019  
New England Regional Spinal Cord Injury Center  
Boston, MA  
\$2,322,085

Principal Investigator/Course Director  
Paralyzed Veteran's Association  
Stepping Forward, Staying Informed Consumer Education Series 2012  
\$15,000

Co-Investigator  
Autonomic Dysreflexia and Health Care Practitioner's Knowledge  
Paralyzed Veteran's Association of America 2011-12  
Boston, MA  
\$30,000

Principal Investigator  
NeuroRecovery Network  
Christopher Reeve Foundation/Centers for Disease Control and Prevention  
New England Regional Spinal Cord Injury Center  
Boston, MA  
2010-11  
\$125,000

Principle Investigator/Program Director  
Christopher Reeve Foundation Quality of Life Awards  
Stepping Forward/Staying Informed Annual Consumer Conference  
Boston, MA  
2011  
\$5,000

Principal Investigator/Course  
Craig Nielsen Foundation  
Stepping Forward, Staying Informed Consumer Education Series 2010  
\$30,000

Principal Investigator  
NeuroRecovery Network  
Christopher Reeve Foundation/Centers for Disease Control and Prevention  
New England Regional Spinal Cord Injury Center  
Boston, MA  
2009-10  
\$100,000



Principal Investigator/Course Director  
Paralyzed Veteran's Association  
Stepping Forward, Staying Informed Consumer Education Series 2011  
\$15,000

Principal Investigator/Course Director  
Paralyzed Veteran's Association  
Stepping Forward, Staying Informed Consumer Education Series 2010  
\$15,000

Principal Investigator/Course  
Craig Nielsen Foundation  
Stepping Forward, Staying Informed Consumer Education Series 2009  
\$26,998

Principal Investigator/Course Director  
Christopher and Dana Reeve Foundation  
Stepping Forward, Staying Informed Consumer Education Series 2008  
\$5,000

Principal Investigator/Course Director  
Paralyzed Veteran's Association 2008  
Stepping Forward, Staying Informed Consumer Education Series  
\$14,985

Principal Investigator: Williams, S.  
Co-Principal Investigator: Friedman, R.  
Center for Disease Control and Prevention  
Grant # DD000155  
The Prevention of Secondary Effects of Paralysis Through the Use of TeleHealth  
\$968,318

Principal Investigator  
National Institute on Disability Rehabilitation Research  
Grant # H133N060024  
New England Regional Spinal Cord Injury Center  
Boston, MA  
\$2,322,085

Principal Investigator/Course Director  
Christopher Reeve Foundation  
Quality of Life Grant for Annual Consumer Education Program, *Stepping Forward, Staying Informed* 2007  
Boston Medical Center  
Boston, MA  
\$5,000

Principal Investigator/Director  
NeuroRecovery Network  
Christopher Reeve Foundation/Centers for Disease Control and Prevention  
New England Regional Spinal Cord Injury Center  
Boston, MA  
2006-09  
\$450,000

Principal Investigator  
Paralyzed Veterans Association  
Stepping Forward Staying Informed Lecture Series 2007  
New England Regional Spinal Cord Injury Center  
Boston, MA  
\$29,961

Principal Investigator  
National Institute on Disability and Rehabilitation Research  
Grant Number H133N000024-05  
New England Regional Spinal Cord Injury Center  
Boston, MA  
\$300,000

Principal Investigator  
National Institute on Disability and Rehabilitation Research  
Grant Number H133N950014-98A  
New England Regional Spinal Cord Injury Center  
Boston, MA  
\$1,500,000

Co-Investigator  
Oddson, L., Williams, S.  
PHS, NIH, NICHD  
Grant Number: 5R21HD050655-02  
Boston University Main Campus/ Boston University Medical Campus  
Treatment of Motor Function and Balance – a New Tool  
\$482,000

Williams, S.  
Flextronic Corporation  
Assistive Technology  
\$5,000

Williams, S., Morse, L. Meguerdichian, D.  
Microarray Study of Genetic Profile following Acute Spinal Cord Injury  
Boston University Medical Center, Boston, MA.  
American Academy of Physical Medicine & Rehabilitation  
\$10,000

Williams, S., Bergman, S.  
Efficacy of 4-AP in the Treatment of Spinal Cord Injury Associated Spasticity  
Boston Medical Center, Boston, MA  
Accorda Pharmaceuticals  
\$33,000

Drainoni, M.L., Williams, S., Vergo, B.  
Support for an Inpatient WebTV Program at The Center for Rehabilitation Boston Medical  
Center, Boston, MA  
Microsoft Systems  
\$50,000

Drainoni, M.L., Williams, S.  
Spinal Cord Injury Quality of Life Grant to Implement an Inpatient WebTV Program at the  
Center for Rehabilitation, Boston Medical Center, Boston, MA  
The Christopher Reeve Paralysis Foundation  
\$10,000

Principle Investigator: Williams, S  
Paralyzed Veterans of America  
\$15,000  
Stepping Forward, Staying Informed Consumer Education Conference

### **Unfunded Research:**

Haley, S., Williams, S.  
Computer Adaptive Testing of Post-Acute Functioning  
Sargent School of Allied Health, Boston University/  
Boston Medical Center  
Boston, MA

Campbell, R; Eschenroeder, T; Trentacosti, C; Williams, S.  
A Comparison of the Morbidity Between Microvascular Decompression of the Superior  
Cerebellar Artery and Glycerol Rhizotomy in the Treatment of Tic Doloureux  
Medical College of Virginia, School of Dentistry, Richmond, VA, 1988.

### **Original Peer Reviewed Articles in Preparation:**

Bethlyn Vergo Houlihan, Alan Jette, Michael Paasche-orlow, Jane Wierbicky, Stan Durcharme,  
Judi Zazule, Robert H. Friedman, Steve Williams.  
Effects of A Telerehabilitation Intervention for Persons with Spinal Cord Dysfunction on  
Pressure Ulcers and Depression: A Randomized Controlled Trial

Williams, S., Crimlisk, J.  
What Makes the Spinal Cord Injury Ventilator Wean Difficult?

Ditchfield, H., Williams, S., Drainoni, M.

ADA Compliance: Does the Americans with Disabilities Act Ensure Access to Persons with Disabilities?

### **Original Peer Reviewed Articles in Submission:**

Charles T. Carnel MD, Amie Jackson MD, John F. Ditunno JR. MD, Mary Schmidt MD, Steve Williams MD, William Donovan MD, Gil Brenes MD

Outcome Measures for Gait and Ambulation in the Spinal Cord Injury Population

Wilcher, D, Williams, S, Lew H.

Employment of “Mirror Therapy” in Upper Extremity Traumatic Amputee with Phantom Pain

### **Original Peer Reviewed Articles Pending Publication**

Sisto Sue Ann, Lorenz, Douglas, Hutchinson, Karen, Wenzel, Lisa, Hillyer, Jessica, Williams, Steve, Harkema, Susan, Krassioukova, Andrei.

Orthostatic Hypotension in Incomplete Spinal Cord Injury

Archives of Physical Medicine & Rehabilitation, Special Edition 2011

### **Publications:**

Houlihan BV, Jette A, Paasche-orlow M, Wierbicky J, Zazula J, Cuevas P, Williams S.

A Telerehabilitation Intervention for Persons with Spinal Cord Dysfunction

American Journal of Physical Medicine & Rehabilitation

Yang, Z, Kun Y, Williams, S, Lew H.

An Unusual Cause of Abdominal Pain in a Patient with Severe Traumatic Brain Injury (TBI): Intussusception of the Jejunum

American Journal of Physical Medicine & Rehabilitation

McClure, L.A., Boninger, M.L., Oyster M.L., Williams, S., Houlihan B., Lieberman J.A., Cooper, R.

Wheelchair Breakdowns, Consequences and Impact on People with Traumatic Spinal Cord Injury

Archives of Physical Medicine & Rehabilitation

Goodman, N, Jette, A, Houlihan, B, Williams, S.

Computer & Internet Use by Individuals Post Traumatic Spinal Cord Injury

Archives of Physical Medicine & Rehabilitation 2008; 89(8): 1492-98.

Morse, L., Nguyen, H., Jain, N., Williams, S., Tun, C., Battaglino, R., Stashenko P., Garshick, E.

Age and Motor Score Predict Osteoprotegerin level in Chronic SCI

Journal of Musculoskeletal Neuronal Interactions 2008; 8(1): 50-57.

**Best Paper 2008: American Academy of Physical Medicine & Rehabilitation**

B. Houlihan, C. DeJoie, S. Williams, The Internet as a Treatment Modality: A Model Program for Clients with SCI. *OT Practice*, 12:10-14.

Oddson, L., IE, Karlsson, R., Konrad, J., Serdar, I., Williams, S., Zemkova, E.  
A Rehabilitation Tool for Functional Balance Using Altered Gravity and Virtual Reality  
*Journal of NeuroEngineering and Rehabilitation*. 2007: 4:25.

Williams, S., Mukand, J., Apple, D., Polykoff, G., Friehs, G., Donoghue, J.  
Clinical Use of the BrainGate Neural Interface System in Individuals with Quadriplegia.  
*The Journal of Spinal Cord Medicine*. 2005: 28:140.

Williams, S., Mukand, J., Apple, D.F., Polykoff, G., Friehs, G., Donoghue, J.  
Clinical Use of the BrainGate Neural Interface System in Individuals with Quadriplegia  
*Journal of Neurocritical Care*;2005, 225.

Drainoni, M., Williams, S., Vedrani, M., Houlihan, B.V., Wierbicky, J., Weiner, C.  
Patterns of Internet Use by Persons with Spinal Cord Injuries: Relationship to Health-Related  
Quality of Life.  
*Archives of Physical Medicine & Rehabilitation*. 2004; 85(11): 1872-79.

Thapar, N., Warner, G., Drainoni, M., Williams, S.R., Ditchfield, H., Wierbicky, J., Nesathurai, S.  
A Pilot Study of the Functional Access of Public Buildings by Persons with Impairments.  
*Disability and Rehabilitation*. 2004: 26:280-289.

Houlihan, B. V., Drainoni, M., Warner, G., Nesathurai, S., Wierbicky, J., Williams, S.  
The Impact of Internet Access for People with Spinal Cord Injuries: A Descriptive Analysis of a  
Pilot Study.  
*Disability and Rehabilitation*. 2003: 25:422-431.

Ford, C. N., Reinhardt, E., Yeh, D., Syrek, D., Morenas, A., Bergman, S., Williams, S., Hamori, C.  
Interim Analysis of a Prospective, Randomized Trial of Vacuum-Assisted Closure Versus  
Healthpoint Systems in the Management of Pressure Ulcers  
*Annals of Plastic Surgery*. 2002, 49 (1) 55-61.

Williams, S.  
Deep Venous Thrombosis in Spinal Cord Injury  
*Advances in Respiratory Care*. 2002.

Williams, S.  
Non-Infectious Causes of Fever  
*Advances in Nursing*. 2002.

## **Books:**

Spinal Cord Injury Care: A Step-by Step Guide to Range of Motion and Transfer Techniques  
Storer, J., Dejoie, C., and Williams, S.  
London. Arbuckle Academic Publisher. (Pending Publication).

## **Book Chapters:**

Williams, S. (2000) Below Knee Amputations. Eds: Nesathurai, S. and Blaustein, D.  
In: Essentials of Inpatient Rehabilitation. 77-88. London. Arbuckle Academic Publishers.

Williams, S., Stillman, M. (2000) Pediatric Traumatic Brain Injury. Eds. Nesathurai, S. and Woo, B.  
In: The Rehabilitation of People with Traumatic Brain Injury: A House Officers Guide. London. Arbuckle Academic Publishers.

## **Abstracts:**

Sue Ann Sisto, Andrei Krassioukov, Steve Williams, MD, Lisa Wenzel, MD, Jessica Hillyer, Karen Hutchinson, Sarah Morrison, Susan Harkema  
Orthostatic Hypotension and Quality of Life Outcomes after Locomotor Training in Incomplete Spinal Cord Injury  
Scientific Symposium, Christopher and Dana Reeve Foundation 2010  
Phoenix, AZ

JT Crimlisk, D Gavin, M. Walczak, S. Williams  
A New Type of Diaphragm Pacing: A Model for Training Staff in Acute Rehabilitation and Home Care.  
Annual Meeting of Rehabilitation Nursing Society 2010

.  
Zainab Khan, Z, Chernev, I, Williams, S.  
Iatrogenic Myelopathy with Paraparesis: Rare complication of Attempted Spinal Cord Stimulator Placement  
American Spinal Injury Association Annual Meeting 2010  
Nashville, TN

Khan, Z, Chernev, I, Williams, S.  
Title-Autonomic Dyreflexia After Marijuana Use in a Patient With SCI  
American Spinal Injury Association Annual Meeting 2010  
Nashville, TN

Chernev, I Matthew Lopresti, M, Steve Williams, S  
Spinal Epidural Lipomatosis and Intestinal Carcinoid Tumor  
Association of Academic Physiatrists Annual Meeting 2009  
Colorado Springs, CO

Houlihan, B, Paasche-Orlow, M, Wierbicky, J, Judi Zazula, J, Dicker K, Cuevas, P, Williams, S.  
Development of a Novel Automated Telehealth System for People with Spinal Cord Dysfunction  
Contemporary Forums in Spinal Cord Injury 2009  
Orlando, FL

Yang, Z, Kun Y, Williams, S, Lew H.  
An Unusual Cause of Abdominal Pain in a Patient with Severe Traumatic Brain Injury (TBI):  
Intussusception of the Jejunum  
Annual Meeting Association of Academic Physiatrists 2009  
Colorado Springs, CO

Elevated N-Telopeptide in Inpatients With Spinal Cord Injury Who Develop Acute  
Heterotrophic Ossification.  
Gustafson, K., Yang, Z., Morse L., Giorfinkel, Y., Williams, S. Archives of Physical Medicine  
and Rehabilitation, September 2007. Vol. 88, Issue 9, Page E92.

Age and Motor Score Predict Osteoprotegerin Level in Chronic SCI.  
Morse L, Nguyen H, Jain N, Williams S, Tun C, Battaglino R, Stashenko P, Garshick E.  
American Society for Bone and Mineral Research 28th Annual Meeting. September, 2006.

Bridging the Digital Divide: Harnessing Internet Resources for Successful Patient Outcomes Part 1  
Houlihan, B., Goodman, N. Williams, S.  
American Association for Spinal Cord Injury Social Workers Annual Assembly  
Las Vegas, NV 2006

Applying Stages of Change to Address Employment Barriers for People with SCI  
Goodman, N., Houlihan, B., Wierbicky, J. Williams, S.  
American Association of Spinal Cord Injury Social Workers Annual Assembly  
Las Vegas, NV 2006

An Unusual Cause of Spinal Cord Injury: The Human T-cell Lymphotropic Virus  
Mena, J., Kaufman, S., Zipin, D., Williams, S.  
Association of Academic Physiatrists Annual Assembly  
Puerto Rico 2006

Enoxaparin Causing Heparin-Induced Thrombocytopenia in a Spinal Cord Injury Patient: A Case  
Report  
Mena J, Kaufman S, Williams S. American Journal of Physical Medicine and Rehabilitation. Vol  
86 April 2007; Num 4. PageS92.

Complications Arising from a Non-healing Atraumatic Supracondylar Fracture in a Patient with  
Chronic Spinal Cord Injury: A Case Report  
Williams, S., Morse, L.  
Association of Academic Physiatrists Annual Assembly, Daytona Beach, FL 2006.

Nontuberculous Mycobacteria Infection in an Immunocompetent Ventilator Dependent Spinal  
Cord Injury Patient: A Case Report.  
Shinchuk, L., Wang, F., Hollings, S., Chang, J., Williams, S.  
Association of Academic Physiatrists Annual Meeting, Daytona Beach, FL 2006.

Clinical Use of the BrainGate Neural Interface System in Individuals with Quadriplegia

Williams, S., Mukand, J., Apple, D.F., Polykoff, G., Friehs, G., Donoghue, J.

Journal of Neurocritical Care;2005, 225.

American Spinal Injury Association (ASIA) 31st Annual Scientific Conference, Dallas, TX 2005.

Brain-Computer Interfaces: Prospects for Neuro-Rehabilitation and Implications for Neurocritical Care.

Hochberg, L.R., Mukand, J. A., Williams, S., Polykoff, G., Friehs, G. M., Donoghue, J. P. (2005) Neurocritical Care Society, 3rd Annual Meeting, Scottsdale, AZ 2005.

Feasibility Study of the BrainGate Neural Interface System for Individuals with Quadriplegia

Mukand, J., Williams, S., Apple, D., Polykoff, G., Donoghue, J.

Annual Meeting of the Association of Academic Physiatrists, Tucson, AZ, 2005.

Feasibility Study of the BrainGate Neural Interface System

Mukand, J., Williams, S., Shaikhouni, A., Morris, D., Serruza, M., Donoghue, J.

64th Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, Phoenix, AZ, 2004.

Human Studies Protocol: Microarray Study of Gene Expression Profile Following Acute Spinal Cord Injury

Morse, L., Battaglino, R., Meguerdichian, D., Sasaki, H., Williams, S.

64th Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, Phoenix, AZ, 2004.

Patterns of Computer and Internet Use by Persons with Spinal Cord Injury and Relationship to Health-Related Quality of Life

Drainoni, ML., Houlihan, B., Williams, S. Vedrani, M., Weiner, C., Wierbicky, J.

Presentation Annual Meeting of the American Psychological Association 2004  
Las Vegas, NV

Tetraplegia Functional Independence Scale

Eberhardt, K., Holmes, T., Williams, S., Nesathurai, S.

Abstract Presented at 63rd Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, Orlando, FL, 2002.

Archives of Physical Medicine & Rehabilitation, 83, 2002, 1685.

Is Regional Anesthesia Safe for the HIV+ Parturient?

Dattel, B., Williams, S.

Abstract Presented at the Xth Annual AIDS Conference. Yokohama, Japan. 1994.

Perinatal Transmission Rates of HIV Differ in Norfolk, Virginia Secondary to Population Specific Factors.

Dattel, B., Williams, S.

Abstract Presented at the IXth Annual AIDS Conference. Berlin. 1993.



## **Non-print Materials**

Spinal Cord Injury Video: Malden Public Television, 2002.

## **Course Directorships:**

Stepping Forward, Staying Informed Consumer Education Conference  
Topics in Spinal Cord Injury Care and Treatment  
Boston, MA 2008

Explorations of Emerging and Non-Traditional Technologies in Rehabilitation  
Boston University Medical Center and The Massachusetts Institute of Technology  
ASIA/ISCoS 2006 – A Global Spinal Cord Injury Conference  
Boston, MA, June 2006

Stepping Forward, Staying Informed: Consumer Education Forum  
Boston University Medical Center  
Boston, MA, October 2006

Harnessing the Power of the Information Age: The Internet's Unique Application  
American Congress of Rehabilitation Medicine Annual Assembly  
Boston, MA 2006

Translating Research into Practice in the Employment of People with Disabilities: The  
Motivation Factor and Stages of Change  
American Congress of Rehabilitation Medicine Annual Assembly  
Boston, MA 2006

Stepping Forward, Staying Informed: An Evening with.....  
Boston University Medical Center  
Bi-Monthly beginning January 2006

Stepping Forward, Staying Informed: Understanding the Science, Politics, and Ethics of Spinal  
Cord Injury Research  
Boston, MA, November 2005

## **Lectures and Presentations:**

### **International**

- 6<sup>th</sup> International Forum on Rehabilitation  
Beijing China, 2011
- Keynote Speaker: Annual Meeting of the Physical Medicine & Rehabilitation Society of  
Zhejiang province  
Spinal Cord Injury, From the Moment of Injury Forward  
Hongzhou, People's Republic of China, 2010

- Spinal Cord Injury Research in the United States  
Shang Yale Medical School  
Changsha, Hunan Province, People's Republic of China, 2010

## **National**

- Caregiving  
Scientific Symposium, Christopher and Dana Reeve Foundation  
Phoenix, AZ
- Preventative Medicine, Keeping the SCI Population Healthy  
Department of Physical Medicine & Rehabilitation, Boston Medical Center  
Boston, MA, 2010
- Primary Care for People with Spinal Cord Injury  
Department of Internal Medicine, Boston Medical Center  
Boston, MA, 2010
- Presentation: Spinal Cord Injury Clinical Correlation  
Department of Physical Therapy, Simmon's College  
Boston, MA, 2009
- Research Grand Rounds: Various Research Projects of the New England Regional Spinal Cord Injury Center  
Department of Rehabilitation Medicine  
Harvard Medical School/Spaulding Rehabilitation Hospital  
Boston, MA, 2009
- Visiting Professor, Spinal Cord Injury Care and Treatment, What Does the Future Hold?  
Department of Rehabilitation Medicine  
Mt. Sinai Medical Center  
New York, NY, 2009
- Challenges: From Basic Science to Health Maintenance for our Spinal Cord Injured Patients  
Rehabilitation Medicine Grand Rounds  
Boston University School of Medicine  
Boston, MA, 2008
- Boston University School of Medicine, Department of Anatomy, NeuroScience Club  
Boston University School of Medicine  
Future Research Topics in Spinal Cord Injury  
Boston, MA, 2008
- Health Effects of Activity Based Therapy, Locomotor Training  
Annual Meeting of the American Paralysis Society  
Orlando, FL 2008
- Current and Future Research Topics in Rehabilitation Medicine  
Rehabilitation Medicine Grand Rounds  
University of Texas, Houston, Texas Institute for Rehabilitation & Research (TIRR)  
Houston, TX 2008
- Moderator  
General Session 5 Outcomes After Spinal Cord Injury  
Annual Meeting, American Spinal Injury Association  
San Diego, CA 2008

- Moderator  
General Session 6 Outcomes After Spinal Cord Injury  
Annual Meeting, American Spinal Injury Association  
Tampa, FL, 2007
- Activity Based Therapies at the Christopher and Dana Reeve Foundation's  
NeuroRecovery Network Center at Boston Medical Center  
Board of Trustees Meeting, Christopher and Dana Reeve Foundation  
New York, NY, 2007
- Emerging Technologies in the Rehabilitation of People with Spinal Cord Injury  
Contemporary Forums Conference on Spinal Cord Injury  
Boston, MA, 2007
- Improving Functional Status in the Elderly  
Hospital Grand Rounds  
Quincy Medical Center  
Quincy, MA, 2007
- Spinal Cord Injury Clinical Correlation  
Department of Physical Therapy  
Simmons College  
Boston, MA
- Working to Walk: The Christopher Reeve Foundation and Unite 2 Fight Paralysis  
Foundation's Rally on Washington, DC  
Improving Health Outcomes and Quality of Life in Spinal Cord Injury Through Activity  
Based Therapies  
Washington, DC, 2006
- Keynote Speaker  
Northeast Veterans Affairs Conference on Spinal Cord Injury  
Dedham, MA, 2006
- Common Medical Complications in Patients with Spinal Cord Injury  
Grand Rounds  
Department of Physical Medicine & Rehabilitation  
Tuft's University School of Medicine  
Boston, MA, 2006
- Sexuality and Disability  
Pathophysiology Course  
Tuft's University School of Medicine  
Boston, MA, 2006
- Functional Outcomes in Spinal Cord Injury  
Department of Physical Therapy  
Simmons College  
Boston, MA, 2006
- Physiatry: Making a Difference in the Lives of People with Disability  
Helping Hands and Heart Organization  
Lowell House Harvard  
College Cambridge,  
MA, 2006
- The New England Regional Spinal Cord Injury Center: 50 Years of Making a Difference  
in the Lives of People with Spinal Cord Injury

Christopher Reeve Foundation  
Short Hills, NJ, 2006

- ***The Lyceum Lectureship in Exercise Physiology***  
Emory & Henry College, Emory Virginia  
Spinal Cord Injury and Wheelchair Sports  
Abingdon, VA, 2006
- Primary Care for People with Spinal Cord Injuries  
Primary Care Grand Rounds, Department of Internal Medicine  
Boston University Medical Center  
Boston, MA, 2005
- Clinical Use of The BrainGate Neural Interface System in Individuals with Quadriplegia  
American Spinal Injury Association (ASIA) 31<sup>st</sup> Annual Scientific Conference  
Dallas, TX, 2005
- Medical Complications in Spinal Cord Injury  
Grand Rounds, Department of Family Medicine  
Boston University Medical Center  
Boston, MA, 2005
- Sexuality in People with Disabilities  
Tuft's University School of Medicine  
Boston, MA, 2005
- Spinal Cord Injuries from Resuscitation to Community Re-Entry  
Simmons College  
Boston, MA, 2005
- Primary Care for the Spinal Cord Injured Patient  
Primary Care Grand Rounds  
Department of Internal Medicine  
Boston University Medical Center  
Boston, MA, 2004
- Feasibility of a Neural Interface System for Quadriplegic Patients  
Grand Rounds Presentation  
Gaylord Rehabilitation Hospital, Wallingford, CT
- "Disability: Rights, Legislation, and Service"  
Harvard Law School, Harvard University  
Boston, MA, 2004
- Spinal Cord Injury Clinical Correlation  
Simmons College  
Boston, MA, 2004
- Anatomy and Pathophysiology of Spinal Cord Injury  
Boston University School of Medicine  
Boston, MA, 2003
- Biology of Disease, Spinal Cord Injury Medicine  
Boston University School of Medicine  
Boston, MA, 2003
- Spinal Cord Injury: The Full Spectrum. Department of Physical Therapy.  
Simmons College  
Boston, MA, 2003
- Sexuality and Disability.

Tufts' University School of Medicine  
Boston, MA, 2003

- Grand Rounds, "Pathophysiology of Spinal Cord Injury and Functional Outcomes"  
Department of Orthopedic Surgery and Rehabilitation Therapies,  
San Francisco General Hospital  
University of California, San Francisco  
San Francisco, CA 2002
- Guest Lecturer, Spinal Cord Injury: The Full Spectrum  
Department of Physical Therapy  
Simmons College  
Boston, MA, 2002
- Guest Lecturer, Sexuality and Disability  
Medical Student Pathophysiology Course  
Tufts University School of Medicine  
Boston, MA, 2002
- Guest Lecturer, Leading a Joyful and Full Life  
Spine Trauma Course for Continuing Education  
Department of Orthopedic Surgery  
Boston University School of Graduate Medicine  
Boston, MA, 2002
- Guest Lecturer, Spinal Cord Injury Clinical Correlation  
Department of Anatomy  
Medical Student Neuroanatomy Course  
Boston University School Medicine  
Boston, MA, 2002
- Guest Lecturer, Above and Below Knee Prosthetics  
Department of Rehabilitation Medicine  
Resident Lecture Series  
Boston University School of Medicine  
Boston, MA, 2002
- Guest Lecturer, Spinal Cord Injury: Medical Complications and Implications for Nursing  
Care  
New Nurse Graduates Training Program  
Boston Medical Center  
Boston, MA, 2002
- Guest Lecturer, Pressure Ulcers: Their Staging and Treatment  
Nursing Continuing Education  
Boston Medical Center  
Boston, MA, 2002
- Guest Lecturer, Functional Outcomes in High Quadriplegia  
Continuing Education, Shaughnessy-Kaplan Rehabilitation Hospital  
Salem, MA, 2001
- Guest Lecturer, Spinal Cord Injury: From the Emergency Room to Discharge  
Pathophysiology Course  
Boston University School of Medicine  
Boston, MA, 2001
- Guest Lecturer, Sexuality and Disability

Tufts University School of Medicine  
Boston, MA, 2001

- Guest Lecturer, Spinal Cord Injury: Life After Discharge  
Spine Trauma Course for Continuing Education  
Department of Orthopedic Surgery  
Boston University School of Graduate Medicine  
Boston, MA, 2001
- Guest Lecturer, Spinal Cord Injury: Medical Complications and Implications for Nurses  
New Nurse Graduates Training Program  
Boston Medical Center  
Boston, MA, 2001
- Guest Lecturer, Cardiac Rehabilitation and the Borg Scale  
Center for Rehabilitation Continuing Education for Nurses  
Boston Medical Center  
Boston, MA, 2001
- Guest Lecturer, Bowel Care Regimens for Upper and Lower Motor Neuron Syndromes  
Center for Rehabilitation Continuing Education for Nurses  
Boston Medical Center  
Boston, MA, 2001
- Guest Lecturer, Spinal Cord Injury and Ventilator Weaning  
Center for Rehabilitation Continuing Education for Nurses  
Boston Medical Center  
Boston, MA, 2001
- Guest Lecturer, Neurogenic Bladder and Bowel Management in Spinal Cord Injury  
Resident Lecture Series  
Department of Rehabilitation Medicine  
Boston University School of Medicine  
Boston, MA, 2000
- Guest Lecturer, Leading a Joyful and Full Life  
Spine Trauma Course for Continuing Education  
Department of Orthopedic Surgery  
Boston University School of Graduate Medicine  
Boston, MA, 2000
- Guest Lecturer, Sexuality and Disability  
Medical Student Pathophysiology Course  
Tufts University School of Medicine  
Boston, MA, 2000
- Guest Lecturer, Spinal Cord Injury: From the Emergency Room to Discharge  
Pathophysiology Course  
Boston University School of Medicine  
Boston, MA, 2000
- Guest Lecturer, Care of the Below Knee Amputee  
Continuing Education for Nurses  
Boston Medical Center  
Boston, MA, 2000
- Class Graduation Speaker  
Eastern Virginia Medical School Class of 1994 Graduation

- Norfolk, VA, 1994
- Pathways to Healthcare Careers for Southwest Virginians  
Clinch Valley College of The University of Virginia  
Wise, VA
- Perinatal Transmission Rates  
AIDS Resource Center  
Norfolk, VA, 1993
- Volunteerism: Making a Difference!  
Eastern Virginia Medical School  
Norfolk, VA, 1993
- Becoming a Caring and Compassionate Physician  
Eastern Virginia Medical School  
Human Values in Medicine Summer Retreat  
Williamsburg, VA, 1993

### **Award and Honors:**

Boston University School of Medicine Leonard P. Tow Humanism in Medicine Faculty Award  
Presented at School of Medicine Graduation, May 2011

Recipient, Governor's Proclamation for Spinal Cord Injury Awareness Day in recognition of  
Community Service and Education to the Spinal Cord Community of Massachusetts  
2006

Recipient, 1997 American Medical Association/Glaxo-Wellcome National Resident Award for  
Outstanding Community Service.

Recipient, 1997 American Medical Association/Glaxo-Wellcome National Resident Award for  
Outstanding Leadership.

Alpha Omega Dental Society, 1987.

Dean's List, University of Virginia, 1985, 1986.

Sigma Xi, National Science and Mathematics Society, 1983.

**Community Service:**

Board of Directors, Helping Hands Monkey Helpers Foundation  
Boston, MA 2005

Christopher Reeve Foundation  
2<sup>nd</sup> Annual Scientific Symposium Planning Committee  
Boston, MA 2005

Honorary Co-Chairman, 25<sup>th</sup> Anniversary Gala Committee, Helping Hands Monkey Helpers Foundation  
Boston, MA, 2004

Member Physician Subcommittee for Capital Campaign Effort  
Boston Medical Center  
Boston, MA, 2004

Gala Committee Member, Helping Hands Monkey Helpers Foundation  
Boston, MA 2003  
Founder, Friends of the New England Regional Spinal Cord Injury Association  
Boston, MA 1996.  
Operation Smile International  
Norfolk, VA  
Medical Missions to Kenya, 1992, 1993, and 1995.

Founder, Coats for Kids!  
Eastern Virginia Medical School  
Norfolk, VA 1990.

**Professional Affiliations:**

American Academy of Physical Medicine & Rehabilitation  
Association of Academic Physiatrists  
American Spinal Injury Association  
American Paralysis Society  
International Spinal Cord Society  
International Society of Physical Medicine & Rehabilitation  
American Medical Association



