

## CURRICULUM VITAE

### **Steven G. Scott, D.O.**

Department of Neurology  
Division of Physical Medicine & Rehabilitation  
University of South Florida, Morsani College of Medicine  
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#### **Education**

Physical Medicine & Rehabilitation, Mayo Clinic, Mayo School of Graduate Medical Education, Rochester, MN	1979-1982
Internship, Osteopathic Hospital of Maine, Portland, ME	1978-1979
Doctor of Osteopathic Medicine, Philadelphia College of Osteopathic Medicine, Philadelphia, PA	1978
M.S., Exercise Physiology, Pennsylvania State University, University Park, PA	1978
B.S., Exercise Science, Springfield College, Springfield, MA	1972

#### **Academic Appointments**

Assistant Professor Department of Neurology, Division of Physical Medicine & Rehabilitation, University of South Florida, Morsani College of Medicine, Tampa, FL	2010 - Present
Division Director Physical Medicine & Rehabilitation, Department of Neurology, University of South Florida Morsani College of Medicine, Tampa, FL	2010- Present
Assistant Professor Department of Internal Medicine, Division of Physical Medicine & Rehabilitation, University of South Florida, Morsani College of Medicine, Tampa, FL	1990-2010
Division Director Physical Medicine & Rehabilitation, Department of Internal Medicine, University of South Florida, Morsani College of Medicine, Tampa, FL	2002-2010
Assistant Professor Physical Medicine & Rehabilitation, Mayo Clinic, Mayo School of Graduate Medical Education, Rochester, MN	1984-1990
Instructor Osteopathic Principles and Practice, New England College of Osteopathic Medicine, Biddeford, ME	1979

#### **Administrative Appointments**

Chief Physical Medicine & Rehabilitation, James A. Haley's Veterans' Hospital, Tampa, FL	1996-present
Medical Director Polytrauma Rehabilitation Center, James A. Haley's Veterans' Hospital, Tampa, FL	2005-Present
Medical Director Inpatient Pain Program, James A. Haley's Veterans' Hospital, Tampa, FL	1996-Present
Chief Spinal Cord Injury and Diseases, James A. Haley's Veterans' Hospital, Tampa, FL	1996-2003

Assistant Chief Physical Medicine & Rehabilitation, James A. Haley's Veterans' Hospital, Tampa, FL	1992-1996
Acting Chief Physical Medicine & Rehabilitation, James A. Haley's Veterans' Hospital, Tampa, FL	1991-1992
Staff Physician Physical Medicine & Rehabilitation, James A. Haley's Veterans' Hospital, Tampa, FL	1990-1991
Medical Director/Assistant Medical Director Physical Medicine & Rehabilitation Outpatient Services, Mayo Clinic, Rochester, MN	1983-1990
Administrator Mayo Sports Medicine Program, Sports Coverage Program and Sports Fitness & Performance Program, Mayo Clinic, Rochester, MN	1983-1990
Co-Director Mayo Sports Medicine Center, Mayo Clinic, Rochester, MN	1983-1990
Consultant, Faculty/Staff Physician Physical Medicine & Rehabilitation, Mayo Clinic, Rochester, MN	1982-1990

### Certification and Licensure

Medical License – Florida	2012-2014
Medical License – Minnesota	2013-2014
American Board Of Physical Medicine and Rehabilitation, Spinal Cord Injury Fellow, American Osteopathic Board of Physical Medicine and Rehabilitation	2010 2005
American Osteopathic Academy of Sports Medicine, Certification of Competence in Sports Medicine	1989
American Board Of Physical Medicine and Rehabilitation	1983
American Osteopathic Board Of Physical Medicine and Rehabilitation	1983
Diplomate, National Board of Osteopathic Physicians	1979

### Honors and Awards

Letter of Appreciation, Department of VA Under Secretary for Health James A. Haley Veterans' Hospital certifications granted by The American Board of Physical Therapy Residency and Fellowship Education and endorsed by The American Physical Therapy Association while Chief of PMR Service, JAHVH, Tampa, FL	2013
• Orthopaedic Physical Therapy	2013
• Neurologic Physical Therapy	2013
Certificate of Appreciation, State of Florida Department of Veterans Affairs	2013
Charles McCaffree Award, College Swimming Coaches Association of America	2013
45 CARF Accredited Programs achieved while Chief of PMR Service, JAHVH, Tampa, FL	
• Assistive Technology Program	2012
• Comprehensive Rehabilitation	1996-2011
• Traumatic Brain Injury	1996-2011
• Chronic Pain Program	1996-2011
• Employment Services: Comprehensive Vocational Evaluation Series	1996-2011
• Community Services	1996-2011
• Spinal Cord System of Care	1996-2002
• Spinal Cord Home Care	1996-2002
Center of Clinical Excellence Programs achieved while Chief of PMR Service, JAHVH, Tampa, FL	
• Pain Rehabilitation (American Pain Society)	2007, 2012
• Comprehensive Rehabilitation	1997-1998
• Spinal Cord Medicine	1996-1999
PenFed Foundation Military Hero Award "Night of Heroes Gala"	2011
Certificate of Appreciation, Military Officers Association of America	2009
Distinguished Alumni Award, Springfield College	2009
Employer of the Year, Vocational Rehabilitation and Employment	2009

US News & World Report named James A. Haley Veterans' Hospital (JAHVH) the "Top 100 Rehabilitation Hospitals for Rehabilitation"	2009
Rehabilitation Hospitals for Rehabilitation Award	2009
Best Practice in VA Amputee Rehabilitation	2008
Telly Awards, James A. Haley VA "Focus-Episode One; Blast" Disabled American Veterans, Commander Award National Outstanding Department of Veterans Affairs Veterans Health Administration Member Award	2007
National Outstanding Department of Veterans Affairs, Veterans Health Administration Member Award, Disabled American Veterans Commander Award	2007
Recognized, Congressional Record, by Congresswoman Genni Brown-Waite, House of Representatives, Proceeding and Debates of the 109 <sup>th</sup> Congress, First Session	2007
Certificate of Appreciation, Daughters of the American Revolution	2007
Health Care Heroes Award for Health Care Innovation and Research, Tampa Bay Business Journal	2006
Recognized, Congressional Record, by Honorable Michael Bilirakis, extension of remarks	2006
Certificate of Appreciation, "The Polytrauma Rehabilitation system of Care" Presentation, Southeast Regional Medical Command, 2005 Commander's Conference	2006
In Appreciation for Providing Training on Polytrauma at the Vocation Rehabilitation and Employment Training Conference, VA Regional Office	2006
Certificate of Appreciation, Prosthetic Clinical Management National Workgroup on Motorized Wheelchairs and Scooters	2006
Certificate of Appreciation, Department of the Army, State of the Art Science Workshop for Traumatic Brain Injury	2005
Special Contribution Awards for Unique Contribution to the Mission of the VA, Department of Veterans Affairs	2000, 2003, 2005
Certificate of Appreciation, Association of VA Speech-Language Pathologist, "Blast Injuries" at VA National Speech Pathology Conference	2005
Certificate of Appreciation, The Junior Internship Program, Central Florida Healthcare System	2004
Olin E. Teague Award – Highest Award for Treating War-Related Blast Injury Center	2004
Recognized, Congressional Record, by Senator Graham, War Related Blast Injury Center	2004
Certificate of Appreciation, Chronic Pain Management Clinic, 215 <sup>th</sup> Special Forces Group	2003
Certificate of Appreciation, Florida gulf coast Paralyzed Veterans of America for Service as SCI Chief	2003
Certificate of Appreciation for the Patient Advocacy Program, James A. Haley Veterans' Hospital, Tampa, FL	2000
Quality Improvement Award (Triad Award), Central Florida Health Care System	2000

### Professional Memberships and Activities

Fellow, American Academy of Physical Medicine and Rehabilitation Member, South Pain Society	1983
Member and Fellow, American Osteopathic College of Physical Medicine and Rehabilitation	1979
Member, American Osteopathic Association	1978

### Editorial Responsibilities

Journal Of Rehabilitation Research and Development, Editor	2005
Archives of Physical Medicine and Rehabilitation, Editor	1999

### Teaching Activities

<u>Undergraduate Medical School</u>	<u>Course</u>	
USF Morsani College of Medicine	Stroke Rehabilitation	1998-2004
USF Morsani College of Medicine	Musculoskeletal Exam	2000

Mayo School of Medicine	Physiology	1982-1988
New England Osteopathic Medical College	Musculoskeletal	1979

Graduate Medical EducationCourse

USG Graduate Medical Education – PMR Residents	Musculoskeletal Rounds (weekly)	2009-Present
USG Graduate Medical Education – PMR Residents	Polytrauma Grand Rounds (monthly)	2006-2011
USF Graduate Medical Education – PMR Residents	Polytrauma Rounds (weekly)	2005 to present
May Graduate Medical Education – PMR Residents	Rehabilitation Medicine	1982-2000

Innovations in Teaching

Established national Polytrauma Grand Rounds - 2006

Established the Advanced Spinal Cord Injury Fellowship Program, USF Morsani College of Medicine - 2006

Established the first Physical Medicine and Rehabilitation Residency Program in the State of Florida, USF Morsani College of Medicine - 2001

Established the first Spinal Cord Injury Fellowship Program in the State of Florida, USF Morsani College of Medicine - 2001

Established the first Sports Rehabilitation Fellowship Program in the United States, Mayo Clinic - 1987

**Continuing Education**

Mid-Year Meeting and Scientific Seminar, Musculoskeletal Medicine with a Focus on Chronic Opioid Management, Atlanta, GA	2013
5 <sup>th</sup> Annual DVBIC TBI Summit, National Harbor, MD	2011
VISN 8 PSAS & PMR Meeting, Clearwater, FL	2011
Federal Interagency TBI Conference, Washington, DC	2011
Neurological & Neurosurgical Therapeutics 2011	2011
Medical Technology, Training & Treatment conference, Orlando FL	2011
St. Petersburg College/Health South Rehab, Pinellas Park, FL	2011
3 <sup>rd</sup> Annual Trauma Spectrum Conference, Bethesda, MD	2010
IDGA Battlefield Healthcare Summit, San Antonio, TX	2010
Annual Nursing Polytrauma Conference, Washington, DC	2010
4 <sup>th</sup> Annual TBI Military Training conference, Washington, DC	2010
2010 County Veterans Service Officer Association Training, Cocoa Beach, FL	2010
Association of Academic Physiatrists Annual Meeting, Bonita Springs, FL	2010
Polytrauma Rehabilitation Centers Conference, Richmond, VA	2010
IBIA 8 <sup>th</sup> World Congress on Brain Injury, Arlington, VA	2010
2010 Military Health System Conference, National Harbor, MD	2010
National VHA/DoD Conference: Sensory Impairment Issues in Traumatic Brain Injury, Chicago, IL	2009
Polytrauma Rehabilitation, South Tampa Chamber of Commerce, Tampa, FL	2009
Focus on Blast Injuries, 58 <sup>th</sup> Annual Florida DVA Training Session and County Veteran Service Officer Association Spring 2009 Conference, Cocoa Beach, FL	2009

Vocational Rehabilitation Facts and Myths: Establishing a Successful Rehabilitation, ACOFP 46 <sup>th</sup> Annual Convention, Washington, DC	2009
Mild, Moderate, and Severe TBI, Effective Practice of Audiology and Speech Language Pathology for TBI Conference, Washington, DC	2009
Pain in Polytrauma Injuries, 5 <sup>th</sup> Annual blast Injury Conference, Tampa, FL	2008
Management of TBI Polytrauma Patients, 2 <sup>nd</sup> Annual TBI Military Training Conference, Washington, DC	2008
Panel on Challenges and Handling of PTSD/TBI/Depression...What Comes Next, Wounded Warrior Defense Forum, Washington, DC	2008
Polytrauma and War Injuries, 2008 Congress on Spinal Cord Medicine & Rehabilitation, Kissimmee, FL	2008
Polytrauma System of Care, Medical Foster Home Retraining and Program Implementation, Tampa, FL	2008
Blast Concussions, Veterans' Health Patient Advocacy Leaders Summit (PALS), Washington, DC	2008
Counselors and Global War on Terror Outreach, Polytrauma, Readjustment Counseling Service Southeast Region, 3A, Clearwater, FL	2008
Serving Families of Severely Wounded War Veterans with Readjustment Problems, Team Leaders and Office Managers Training, St. Petersburg, FL	2008
Healthcare for Polytrauma Patients in a VHA Polytrauma Center, From Battlefield to VA: Seamless Transition & Polytrauma Conference, Gainesville, FL	2008
Polytrauma/TBI, 57 <sup>th</sup> Annual Training Session, Florida Department of Veterans' Affairs Annual Training Program & County Veteran Service Officer Association Spring 2008 Conference, Jacksonville, FL	2008
Traumatic Brain Injury and Polytrauma, Blast injuries: Implications for Polytrauma Rehabilitation, 6 <sup>th</sup> Annual Multidisciplinary Brain Injuries Conference, Orlando, FL	2008
Managing the Recently Deployed Veterans in Long-Term Care, The Office of Geriatrics and Extended Care (GEC), State of the Art (SOTA) Conference, McLean, VA	2008
Traumatic Brain Injury – Head Blast injury in the Irza Veteran, AORN Chapter 1014 Meeting, Tampa, FL	2008
TBI and sensory substitution efforts of the VA and how to transition from a DoD MTF to a VA medical center or Polytrauma rehabilitation center, 2008 Naval Hospital Pensacola Provider Collaboration meeting, Pensacola, FL	2008
Blast injuries, OEF/OIF Case Managers Conference, La Jolla, CA	2008
Clinical Perspectives, Visual Consequences of Acquired Brain Injury Conference, San Antonio, TX	2007
Traumatic Brain Injury: A Case Study for the Front Lines, Association of Military Surgeons United States (AMSUS) Conference, Salt Lake City, UT	2007
Blast Injuries, Battlefield Injuries & Illnesses of the OIF/OEF Warrior, Salt Lake City, UT	2007
Polytrauma, CBO (Revenue) Conference, Tampa, FL	2007
A Vision of Rehabilitation Nursing's Future, ARN 33 <sup>rd</sup> Annual Education conference, Washington, DC	2007
Polytrauma/Traumatic Brain Injury, Florida Department of Veterans' Affairs Semi-Annual Training Program and County Veterans Service Officer Association Fall conference, Tampa, FL	2007
Blast Injury and Issues of the Nervous System, Introduction to Polytrauma Care for Nurses, Minneapolis, MN	2007
Blast Injuries, Center for the Intrepid Consensus Conference, San Antonio, TX	2007
VA System of Care for the Polytrauma Patient, Center for the Intrepid Consensus Conference, San Antonio, TX	2007
Implications of a Protracted Ward, Center for the Intrepid Consensus Conference, San Antonio, TX	2007
Treatment and Rehabilitation of Blast Injuries, 5 <sup>th</sup> Annual Medical Rehabilitation Conference, Park City, UT	2007

Overview of Patient Care at the Polytrauma Center, 13 <sup>th</sup> Annual Trauma Symposium, San Antonio, TX	2007
Polytrauma Panel: Blind Rehabilitation & Polytrauma, Clinical Perspective, Blind Rehabilitation Service (BRS) Training Conference, Albuquerque, NM	2007
Polytrauma System of Care, Joint Commission Surveyors, Tampa, FL	2007
Polytrauma System of Care, DoD Communications and Customer Service Conference, Orlando, FL	2007
Blast Injury and Issues of the Nervous System, Readjustment Counseling Service, Region 3A Counselors Training, Orlando, FL	2007
Care of America's Returning Wounded Warriors, President's Commission Panel discussion, San Antonio, TX	2007
The Residuals of Traumatic Brain Injury, National Veterans Service Proficiency Training conference, Kansas City, MO	2007
Never Alone – the Transition Process (Battlefield to Home) Evolving Paradigms: Providing Health Care to Transitioning Combat Veterans Conference, Las Vegas, NV	2007
A New war, A New Injury – Evolving Paradigms: Providing Health Care to Transitioning Combat Veterans Conference, Las Vegas, NV	2007
Evidence Base on Polytrauma Care, Polytrauma Research Consortium, Tampa, FL	2007
National Perspective, Polytrauma Research Consortium, Tampa, FL	2007
Characterizing Combat Related Blast Injuries in VA: Costs and Treatment, Polytrauma Research Consortium, Tampa, FL	2007
Blast Injury and Issues of the Nervous System, Seamless Transition symposium for OEF/OIF, Miami, FL	2007
Terrorism: Blast Injuries and Polytrauma, Special Operations Medical Association Annual conference, 3 <sup>rd</sup> Annual Blast Injury conference, Tampa, FL	2006
Terrorism: Blast Injuries and Polytrauma, 2006 Ambulatory Care Forum: Get Fit, Gainesville, FL	2006
Polytrauma System of Care, American Therapeutic Recreation Association VA Institute, Orlando, FL	2006
Clinical Management, State of the Science Workshop: Research to Clinical Practice for Polytrauma, Washington, DC	2006
Polytrauma and Blast Injuries, Joint Forces Medical conference, National Guard, Orlando, FL	2006
Polytrauma Injuries at the Polytrauma Regional Centers, National Polytrauma System of Care Conference, Las Vega, NV	2006
Rebuilding Wounded Lives: Polytrauma System of Care, Senior Management Conference, VHA-A World of Excellence, Las Vegas, NV	2006
The VA Quality Enhancement Research Initiative (QUERI) for Service Members with Polytrauma and Blast-Related Injuries: Using Evidence Based Care to Improve Post 2006 Deployment Healthcare, 9 <sup>th</sup> annual Force Health Protection Conference, Albuquerque, NM	2006
Blast Injuries, Update on Caring for a new Generation of Combat Veterans, VACO, Washington, DC	2006
Polytrauma and Blast Injuries, National Guard AMEDD Training, Orlando, FL	2006
Polytrauma Centers, Southeast Regional Medical command (SERMC), Atlanta, GA	2006
Polytrauma System of Care, Developing a Community Response Symposium, Johnstown, PA	2006
Tampa VA Medical Center's Polytrauma Center, President's Commission on Veterans Disability, St. Petersburg, FL	2006
Blast Injuries, AAPM&R Annual Conference, Philadelphia, PA	2005
Blast Injuries, American Osteopathic Association National Meeting, Orlando, FL	2005

Brain Blast Injuries, Caring for Veterans Returning from recent conflicts, Part II, War Related Illness and Injury Study center	2005
Blast Injuries, Senior Management Meeting: comprehensive Delivery of Care, Washington, DC	2004
Low Level TBI Rehabilitation, 3 <sup>rd</sup> World Congress on Brain Injuries, Quebec City, Canada	1999

## Grants

### Projected

Pro00015097 Scott (PI) 2/2014-2/2015 (pending)

#### **Algorithms for VA Smart Home**

The goal of this project is to help patients follow their medication and rehabilitation plans by collecting the the patient's locations at all times around the facility.

Role: Investigator

### Active

W81XWH-11-1-0454 Tester (PI) 2013-Present DoD

#### **Adaptive Walking Responses Critical for Effective Community Ambulation Post-Incomplete Spinal Cord Injury (ISCI)**

The purpose of this study is to demonstrate therapeutic proof-of-principle in adults with motor ISCI of adaptive locomotor training program (ADAPT-LT)

**Objectives:** The primary objectives are to 1) develop a test battery of select long tract functions in order to determine if functional integrity of one or more tracts is associated with recovery of adaptive locomotor features post ISCI and are differentially affected by ADAPT-LT and basic LT 2) Demonstrate therapeutic proof-of-principle in adults with motor iSCI of adaptive locomotor training program (ADAPT-LT).

Role: Co-Investigator

W81XWH-11-1-0634 Kearns (PI) 2012-Present DoD

#### **Comparison of Longitudinal Biometric and Functional Changes in Veterans with TBI Receiving PTRP Smart House Rehabilitation**

**Objectives:** The primary objectives of this study are to 1) determine the relationship of indoor movement variability (Fractal D) gathered by the PTRP smart house sensor system (Internal D) to conventional TBI functional measures of executive function and spatial disorientation, and how Internal D corresponds to Fractal D derived from the patient's GPS data (External D) 2) Determine Internal D and External D's temporal stability and whether changes in each measure parallel changes in conventional predictive indices of therapeutic outcome (measures of executive function and spatial orientation).

Role: Co-Investigator

N/A Richardson (PI) 2009-Present VACO

#### **James A. Haley TBI Model System Program**

**Objectives:** The purpose of this program is to enroll and track longitudinal rehabilitation outcomes for persons admitted for comprehensive rehabilitation following TBI.

Role: Co-Investigator

SDR 08-267 Siddharthan (PI) 2008-2014 HSR&D

#### **Telerehabilitation for OIF/OEF Returnees with Combat-Related Traumatic Brain Injury**

Traumatic Brain Injury (TBI) is the most frequent cause of combat-related trauma and represents a high priority, high cost area for VA.

Role: Co-Investigator

PLY 05-184 Sayer (PI) 2005-2015 HSR&D/QUERI  
**Polytrauma and Blast-Related Injuries Quality Enhancement Research Initiative/(PT-BRI QUERI)**

The goal of the coordinating center is to promote the successful rehabilitation psychological adjustment and community re-integration of individuals who have experienced polytrauma and blast-related injuries.

Role: Co-PI (Clinical Coordinator).

XVA 95-005 Scott (PI) 1992-Present Henry M. Jackson Foundation

**Defense and Veterans Head Injury Program (DVBIC)**

The purpose of this program is to evaluate the type of problems experienced by individuals who sustain traumatic brain injuries and to monitor their recovery. We hope to learn more about the medical, physical, brain functioning, and emotional difficulties caused by brain injuries and how these deficits respond over time to various treatment programs. This will help us evaluate the best methods of care and rehabilitation for patients with traumatic brain injuries.

Role: PI

### Completed

N/A Mookerjee (PI) 2011-2013 Alfred E. Mann Foundation

**Feasibility Study to Assess the Safety and Efficacy of the Radio-Frequency Microstimulator System to Improve the Function of the Arm Following Traumatic Brain Injury**

**Purpose:** To demonstrate the safety of the RFM System and evaluate its efficacy.

Role: Co-Investigator

C6687-R Schuchard (PI) 2010-2013 VA RR&D

**Functional Vision Consequences of Rehabilitation for TBI Vision Loss**

**Purpose:** 1) Identify the relationship between functional vision loss in everyday vision tasks (reading, visual search, way finding) and the characteristics of potential visual impairment (visual acuity, contrast sensitivity, visual fields, stereoacuity, eye movement disorders) associated with TBI; and 2) Determine the ability of the vision rehabilitation interventions (both monotherapy and combination therapy) to improve functional vision outcome measures that reflect everyday visual tasks.

Role: Co-Investigator

CCN 06-164 Scott (PI) 2008- 2011 HSR&D

**Blast-Related Health Problem Identification and Polytrauma Taxonomy**

The purpose of this prospective study is to develop a taxonomy of polytraumatic injuries using a large cohort of Florida National Guard.

Role: PI

DHI 05-264-1 Siddharthan (PI) 2006-2008 HSR&D

**Treatment and Costs of Combat Related Blast Injuries in the VA**

The immediate goal of this study is to describe the range and patterns of clinical complications, clinical management practices and cost implications associated with Polytrauma/Blast Related Injuries (PT/BRI) sustained in Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) necessary to improve the timeliness and appropriateness of care. Primary objectives are to clinically characterize PT/BRI (create a taxonomy of PT/BRI in terms of such characteristics as types of injuries (diagnoses), complications, health outcomes) and to describe the clinical management practices and associated health care utilization (identify preferred practices associated with better outcomes, costs of care).

Role: Co-Investigator

**Agency: Henry M. Jackson Foundation**

**Grant Number: 103914**

**Principal Investigator (PI): Scott**

**Title: The Effectiveness of Methylphenidate Therapy During Early TBI Recovery (DVBIC)**

**Description:** The overarching goal of this study is to provide Class I evidence on the effectiveness of methylphenidate (MP) initiated during acute rehabilitation in improving outcome after severe TBI. This study will utilize a double-blind, placebo-controlled, two-group longitudinal design.

**Total, direct & indirect costs:**

**Role:** PI

**FTE:** 10%

**Dates:** 2004

**Agency: Henry M. Jackson Foundation**

**Grant Number: 100607**

**Principal Investigator (PI): Scott**

**Title: A Randomized Placebo – Controlled Trial of Sertraline for Neurobehavioral Sequelae of Traumatic Brain Injury (DVBIC).**

**Description:** The objectives of this protocol are the following: 1. To investigate the efficacy of sertraline, a selective serotonin reuptake inhibitor (SSRI), in treating neurobehavioral sequelae of irritability, depression, frustration, anxiety and other post-concussive symptoms following traumatic brain injury (TBI). 2. To explore possible relationships between anosmia (deficits in smell) and irritability/ aggression.

**Total, direct & indirect costs:**

**Role:** PI

**FTE:** 10%

**Dates:** 2004

**Agency: Henry M. Jackson Foundation**

**Grant Number: 103816**

**Principal Investigator (PI): Scott**

**Title: A Randomized Placebo Controlled Trial of Citalopram for Anxiety Disorders Following Traumatic Brain Injury (TBI) (DVBIC).**

**Description:** The proposal will assess the effectiveness of SRI treatment of anxiety following TBI. We hypothesize that participants will report significantly fewer and less severe anxiety symptoms after a 12-week course of Citalopram than after a 12-week course of placebo. Anxiety occurs commonly after traumatic brain injury and may influence cognitive, behavioral, and somatic presentations that may interfere with patients' recovery and adaptation to life after brain injury. TBI involves both diffuse brain injury as well as frequent focal injuries to frontal and temporal structures, including hippocampus and amygdala, areas that are also implicated in the neurobiology of anxiety. Although there are anecdotal reports of the benefits of SRIs in the treatment of anxiety in association with TBI, there are unfortunately no controlled trials to establish SRI efficacy in patients whose anxiety is considered secondary to brain injury.

**Total, direct & indirect costs:**

**Role:** PI

**FTE:** 10%

**Dates:** 2003

## Publications

### Peer-Reviewed Publications

1. Vanderploeg RD, Cooper DB, Belanger HG, Donnell AJ, Kennedy JE, Hopewell CA, **Scott SG**. *Screening for Postdeployment conditions: "Development and Cross-Validation of an Embedded Validity Scale in the Neurobehavioral Symptom inventory."* J Head Trauma Rehabil. 2013. DOI: 10.1097/HTR.0b013e318281966e
2. Nakase-Richardson, R., McNamee, S., Howe, L.L., Massengale, J., Peterson, M., Barnett, S.D., Harris, O., McCarthy, M., Tran, J., **Scott, S.**, Cifu, D.X.; "Descriptive Characteristics and Rehabilitation Outcomes in Active Duty Military personnel and Veterans with Disorders of Consciousness with Combat and Non-Combat Related Brain Injury" Archives of Physical Medicine and Rehabilitation, Volume 94, Number 5, 2013.
3. Vanderploeg, R.D., Belanger, H.G., Horner, R.D., Spehar, A.M., Powell-Cope, G., Luther, S.L., **Scott, S.G.**; "Health Outcomes Associated With Military Deployment: Mild Traumatic Brain Injury, Blast, Trauma, and Combat Associations in the Florida National Guard" Archives of Physical Medicine and Rehabilitation, Volume 93, November, 2012.
4. Vanderploeg RD, Belanger HG, Horner RD, Spehar AM, Powell-Cope G, Luther SL, **Scott SG**. "Health Outcomes Associated with Military Deployment: Mild Traumatic Brain Injury, Blast, Trauma, and Combat Associations in the Florida National Guard." Arch Phys Med Rehabil. 2012 Nov;93(11):1887-95. doi: 10.1016/j.apmr.2012.05.024. Epub 2012 Jun 13. PubMed PMID: 22705240.
5. Jasiewicz J, Kearns W, Craighead J, Fozard JL, **Scott S**, McCarthy J Jr. "Smart Rehabilitation for the 21st Century: The Tampa Smart Home for Veterans with Traumatic brain injury." J Rehabil Res Dev. 2011;48(8):vii-xviii. PubMed PMID: 22068378.
6. Management of Concussion/TBI Working Group. "VA/DoD Clinical Practice Guideline for Management of Concussion/Mild Traumatic Brain Injury." J Rehabil Res Dev. 2009;46(6):CP1-68. PubMed PMID: 20108447.
7. Sayer, NA, Cifu, D, McNamee, S, Chiros, CE, Sigford, BJ, **Scott, SG**, Lew, HL; "Rehabilitation Needs of Combat-Injured Service Member Admitted To The VA Polytrauma Rehabilitation Center: The Role Of PM&R In The Care Of Wounded Warriors", The Academy of Physical Medicine and Rehabilitation, Jan. 2009.
8. Vanderploeg RD, Schwab K, Walker WC, Fraser JA, Sigford BJ, Date ES, **Scott SG**, Curtiss G, Salazar AM, Warden DL; Defense and Veterans Brain Injury Center Study Group. "Rehabilitation of Traumatic Brain Injury in Active Duty Military Personnel and Veterans: Defense and Veterans Brain Injury Center Randomized Controlled Trial of Two Rehabilitation Approaches." Arch Phys Med Rehabil. 2008 Dec;89(12):2227-38. doi: 10.1016/j.apmr.2008.06.015. PubMed PMID: 19061734.
9. Siddharthan K, **Scott S**, Bass E, Nelson A. "Rehabilitation Outcomes for Veterans with Polytrauma Treated at the Tampa VA." Rehabil Nurs. 2008 Sep-Oct;33(5):221-5. PubMed PMID: 18767404.
10. Belanger HG, King-Kallimanis B, Nelson AL, Schonfeld L, **Scott SG**, Vanderploeg RD. "Characterizing Wandering Behaviors in Persons with Traumatic Brain Injury Residing in Veterans Health Administration Nursing Homes." Arch Phys Med Rehabil. 2008 Feb;89(2):244-50. doi: 10.1016/j.apmr.2007.08.145. PubMed PMID: 18226647.
11. Sayer NA, Chiros CE, Sigford B, **Scott S**, Clothier B, Pickett T, Lew HL. "Characteristics and Rehabilitation Outcomes Among Patients with Blast and Other Injuries Sustained During the Global War on Terror." Arch Phys Med Rehabil. 2008 Jan;89(1):163-70. doi: 10.1016/j.apmr.2007.05.025. PubMed PMID: 18164349.
12. Lew HL, Cifu DX, Sigford B, **Scott S**, Sayer N, Jaffee MS. "Team Approach to Diagnosis and Management of Traumatic Brain Injury and its Comorbidities." J Rehabil Res Dev. 2007;44(7):vii-xi. PubMed PMID: 18075945.
13. **Scott, S.G.**, Belanger, H.G., Vanderploeg, R.D. Massengale, J., & Scholten, J. "Evaluating Patients with Polytrauma and Blast-Related Injuries in a Rehabilitation or Primary Care Setting: Post-Acute Sequelae and Treatment Strategy". Journal of the American Osteopathic Association, 106, 265-270, 2006
14. **Scott SG**, Belanger HG, Vanderploeg RD, Massengale J, Scholten J. "Mechanism-of-Injury Approach to Evaluating Patients with Blast-Related Polytrauma." J Am Osteopath Assoc. 2006 May;106(5):265-70. PubMed PMID: 16717367.

15. Belanger HG; **Scott SG**; Scholten J; Curtiss G; Vanderploeg RD: "Utility of Mechanism-of-Injury-Based Assessment and Treatment: Blast Injury Program Case Illustration". *JRRD*, Vol. 42 (4) 403-12 May/June 2005
16. **Scott S**, Vanderploeg RD, Belanger HG, Scholten JD: "Blast Injuries: Evaluating and Treating the Post Acute Sequelae", *Federal Practitioner*: 22, 67-75, January 2005
17. Hart-Hughes S, Quigley P, Bulat T, Palacios P, **Scott SG**: "An Interdisciplinary Approach to Reducing Fall Risks and Falls." *Journal of Rehabilitation*. 2004 Oct-Dec; 70(4): 46-51.
18. **Scott SG**, Veit N, Fonseca AZ, Courtelis J: "Comprehensive Interdisciplinary Spasticity Management." *J Spin Cord Med* 1997 Oct; 20(4): 464.
19. Lorish TR, Rizzo TD Jr., Illstrup DM, **Scott SG**: "Injuries in Adolescent and Preadolescent Boys at Two Large Wrestling Tournaments." *American Journal of Sports Medicine*. 20(2): 199-202, 1992 Mar-Apr.
20. Hurley D, Peterson, H, **Scott S**: "Radial Growth Plate Injury in an Adolescent Female Elite Gymnastics", *Medicine, Science and Sports*, 1991.
21. Lutz GE, Stuart MJ, Sim FH, **Scott SG**: "Rehabilitative Techniques for Athletes after Reconstruction of the Anterior Cruciate Ligament." *Mayo Clinic Proc* 1991 Jan; 66(1): 114
22. Smith AM, **Scott SG**, Wieses DM: "The Psychological Effects of Sports Injuries. Coping." (Review) (70refs) *Sports Medicine*. 9(6): 352-69, 1990 Jun.
23. **Scott, Steven**: "Health and Safety Concerns for Infants and Preschool Swimming", Chapter, *Preschool Aquatic Book*, Council for National Cooperation in Aquatics, 1988.
24. **Scott, Steven G**: "Age and Developmental guidelines: How Young is Too Young?" *American Journal of Osteopathic Sports Medicine*, Vol. 2, No. 3, pp. 7-10, September, 1988.
25. **Scott, Steven G**: "Knee Pain in Runners", *American Journal of Osteopathic Sports Medicine*, Vol. 3, No.3, pp. 3-7, August 1989
26. Smith AM, **Scott SG**, Young ML: "Emotional Responses of Athletes to Injury", *Canadian J. of Sports Sciences*, Vol. 13, PP. 84-85, September 1988. (Mayo Clinic Pro, 65: pp 38-50, 1990).
27. Hurley D, Peterson H, **Scott SG**: "Overuse Syndrome Presenting as a Radial Fracture in an Adolescent Female Elite Gymnast", (Abstract) *A Cast Report, Medicine Science and Sports*, April 1989.
28. Smith A, **Scott SG**, Viese DM: "The Psychological Effects of Sports Injuries: Coping", *Sports Medicine*, April 1989
29. Sim FH, Simonet WT, **Scott SG**: "Ice Hockey Injuries: Causes, Treatment, and Prevention", *The Journal of Musculoskeletal Medicine*, Vol.6 No. 3, pp. 15-43, March, 1989.
30. Clark JE, **Scott SG**, Mingle M: "Viscoelastic Shoe in Soles: Their Use in Aerobic Dancing", *Archives of Physical Medicine and Rehabilitation*. 70(1): 37-40, 1989 Jan.
31. **Scott SG**: "Movement Disorders, Including Tremors". Chap. 24, pp 463-475. In: *Rehabilitation Medicine: Principles and Practice*. JA Delisa, DM Currie, BM Trans, PG
32. Clark J, **Scott S**, Mingle M: "Effectiveness of Viscoelastic Insoles in Reducing Aerobic Dance Injury: (Abstract)", *Arch Phy Med Rehabil* 68, pp. 642-643, September, 1987
33. Johnson JE, Sim FH, **Scott SG**: "Musculoskeletal Injuries in Competitive Swimmers". *Mayo, Clinic Proceedings* 62, pp. 289-304, April 1987
34. Tomberlin J, **Scott SG**, Schwen E, Illstrup DM, Basford JR, Orte PA, Laughman KR: "A Comparative Study of Isokinetic Eccentric and Concentric Quadricep Strengthening"
35. **Scott SG**: "Physical Medicine and Sports: A Review of 2,000 Patients" (Abstract), *Arch Phys Med Rehabilitation* 66, p. 568, August 1985

### Books & Chapters

1. **Scott SG**, Scholten, JD, Lattief, G, Humayun, F, Belanger, HG, Vanderploeg RD, "Polytrauma Rehabilitation", *Essentials of Physical Medicine and Rehabilitation, Musculoskeletal Disorders, Pain and Rehabilitation*, 2<sup>nd</sup> Edition, 787-791, 2008
2. Sim FH, Rock MG, **Scott SG**: "Pelvic and Hip Injuries in Athletes: Anatomy and Function", Chapter 46, pp. 1025-1065. In: "The Lower Extremity and Spine in Sports Medicine. J.A. Nicholas and E.B. Hershman, Editors, St. Louis, C.V. Mosby Co., 1995, Vol. 2 of 2
3. **Scott, Steven**: "Health and Safety Concerns for Infants and Preschool Swimming", Chapter, *Preschool Aquatic Book*, Council for National Cooperation in Aquatics, 1988.
4. Sim FH, **Scott SG**: "Injuries of the Pelvis and Hip in Athletes: Anatomy and Function", Chapter 35, pp. 119-169. In: *The Lower Extremity and Spine in Sports Medicine*. JA Noclas and EB Hershman, Editors, St. Louis, CB Mosby Co, 1986, Vol 2 of 2.

**In Press:**

1. Frontera's Essentials of Physical Medicine and Rehabilitation, 3<sup>rd</sup> ed.
2. Essentials of Physical Medicine and Rehabilitation, 2<sup>nd</sup> Edition; Publisher: Elsevier; Chapters: Polytrauma, Temporomandibular Joint Pain. 2012
3. War Trauma: Principles and Practice of Management; Publisher: Oxford University; Chapter: Combat Neurological Injury, Rehabilitation. 2012

**Presentations & Abstracts****Key Note Presentations**

1. ARN Domestic Terrorism Webinar, November 20, 2013
- 2.
3. BioFlorida Conference 2013, Tampa, FL, September 17, 2013
4. TBI Global Synapse: A Summit With Borders, Washington, DC, August 20-22, 2013
5. Philippine Nurses Association 13<sup>th</sup> South Regional Conference, Tampa, FL, May 4, 2013
6. 20<sup>th</sup> Anniversary Meeting of the American Society for Neural Therapy and Repair, Clearwater Beach, FL, April 27, 2013
7. 2012 Courage Games Medical Symposium, Polytrauma Rehabilitation, *University of Florida, Gainesville*. October 11, 2012
8. 6<sup>th</sup> Annual Defense and Veterans Traumatic Brain Injury Summit, National Harbor, MD, August 22-24, 2012
9. Rural Telehealth and Advanced Technologies Conference, *St Francis University, Pennsylvania*, September 3, 2009
10. "Seriously Injured and Closed Head Injury" Keynote Speaker, Improving the Rehabilitative Capacity of VHA Home Care Conference, April 14-15, 2009, Tampa, Florida.
11. National Foundation for Women Legislators 2008 Annual Conference, Sarasota, FL November 21, 2008
12. "4<sup>th</sup> Annual Veteran's Day Celebration, *Palm Beach Community College*, November 2008
13. "Polytrauma Pain", Key Note Speaker, *National Polytrauma System of Care Conference, San Diego, CA*, June 24, 2008
14. "Polytrauma Program", *Fort Jackson, SC*, June 18, 2008
15. "Polytrauma", Fisher House Manager's Conference 2008, Orlando, FL, April 14, 2008
16. "Rebuilding Wounded Lives: The Journey Home", The Polytrauma Support Clinic Teams conference, Chicago, IL, August 22, 2007

**National/International Meetings (Abstracts)**

1. **Scott, SG**, Doloresco L: Domestic Terrorism: "Blast Injury Care in a New Era of Casualties". (Abstract), ARN Webinar, November, 2013
2. **Scott SG**, Doloresco L, Thomason S, Simmons B: "Enterprise 2000: Emergence of a Bold, new, Business Plan for a Spinal Cord Impairment Outpatient Center". (Abstract) "Journey of Change: Exploring & Discovering VHA's Future" Dec 8-11, 1997, Baltimore, MD
3. McMartin MR, **Scott SG**, Franz WB, Moyer T, Offord K: "Urine Drug Testing in High School Athletics", (Abstract) Arch Phys Med Rehabilitation, Vol. 70, A-28, October, 1989.
4. Lorish TR, Rizzo TD, Illstrup Dm, **Scott SG**: "Injuries in Adolescent and Preadolescent Boys at Two Large Wrestling Tournaments." (Abstract), Arch Phys Med Rehabilitation, Vol. 70, A-28, October 1989
5. Hurley D, Peterson H, **Scott SG**: "Overuse Syndrome Presenting as a Radial Fracture in an Adolescent Female Elite Gymnast", (Abstract) A Cast Report, Medicine Science and Sports, April 1989.
6. Clark J, **Scott S**, Mingle M: "Effectiveness of Viscoelastic Insoles in Reducing Aerobic Dance Injury: (Abstract), Arch Phy Med Rehabil 68, pp. 642-643, September, 1987
7. Tomberlin J, **Scott SG**, Schwen E, Illstrup DM, Basford JR, Orte PA, Laughman KR: "A Comparative Study of Isokinetic Eccentric and Concentric Quadriceps Strengthening" (Abstract), Arch Phys Med Rehabilitation 67, p. 688, September 1986.
8. **Scott SG**: "Physical Medicine and Sports: A Review of 2,000 Patients" (Abstract), Arch Phys Med Rehabilitation 66, p. 568, August 1985
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10. **Scott SG**, Sinaki M, Barrett DM: "Neurogenic Bladders: Combined Radiographic and Urodynamic Monitoring" (Abstract) Arch Phy Med Rehabil 63, p. 521 October 1982
11. **Scott SG**, Duane DD, Sinaki M: "Spasmodic Torticollis: A Rehabilitation Dilemma." (Abstract, page 151) In: Official Program of the American Congress of Rehabilitation medicine and the American Academy of Physical Medicine and Rehabilitation Annual Meeting, Nov 1-6, 1981, Town and country Hotel, San Diego, CA.
12. **Scott SG**, Duane DD, Sinaki M: "Treatment Outcome of 50 patients with Spasmodic Torticollis" (Abstract, page 92) In: Official Program of the American Congress of Rehabilitation Medicine and the American Academy of Physical Medicine and Rehabilitation Annual Meeting, November 1-6, 1981, Town and country Hotel, San Diego, CA
13. Sinaki M, **Scott SG**, Gramse RR: "Lumbar Spondylolisthesis: Comparison and Three-year Follow-up of Two Conservative Treatment Programs." (Abstract), Arch Phy Med Rehabil 62, p. 522, October 1981.
14. Sinaki M, Merritt JL, **Scott SG**: "Pelvic Floor Myalgia: Outcome of Treatment in Traumatic and Non-Traumatic Patients". (Abstract) Arch Phys Med Rehabilitation 61, p. 491, October 1980.

## Committee Assignments and Administrative Service

### Academic

- Deans Committee, USF Morsani College of Medicine – 1996 to Present
- Graduate Medical Council, USF Morsani College of Medicine – 2001 to Present
- Curriculum Committee, USF Morsani College of Medicine – 2004 to 2007
- PACE Subcommittee of the Curriculum Committee, USF Morsani College of Medicine – 2004 to 2005

### Hospital (Local)

- Veteran's Reintegration Steering Committee, VA/USF - Present
- James A Haley Strategic Planning Committee, 2008 to Present
- Clinical Executive Committee, James A Haley Veteran's Hospital- 1996 to Present
- Professional Standards Board, Central Florida Healthcare System, 1996 to Present
- Council of Chiefs, James A. Haley Veterans' Hospital, Tampa FL - 1996 to Present
- Chairperson, Major Medical Equipment Committee (Prosthetics) - 1996 to Present
- Chairperson, HISA (Home Improvements) Committee – 1996 to Present
- Performance Improvement Committee - 2005 to Present
- Resource Management Board, James A. Haley Veterans' Hospital, Tampa FL – 2004 to 2005
- Chairperson, Facility Quality Council, Central Florida Healthcare System - 2000 to 2003
- Hospital Ethics Committee, James A. Haley Veterans' Hospital, Tampa FL, 2001 to 2002

### VISN (Regional)

- Affiliation Partnership Council, VISN 8, Bay Pines FL - 1999 to Present
- Clinical Point of Contact for returning OIF/OEF Veterans, VISN 8 Veterans Health System - 2003 to 2008
- VISN 8 Prosthetics Advisory Group - 1996 to 2005
- VISN 8 SCI Long Term Work Group - 1996 to 2000

### National

- Congressional Testimony provided to the Subcommittee on Health, entitled "Between Peril and Promise: Facing the Dangers of VA's Skyrocketing Use of Prescription Painkillers to Treat Veterans", 2013
- Congressionally Directed Medical Research Programs, BADER Consortium GSC, 2012-Present
- Site Visit Landstuhl Regional Medical Center, Germany, October 2009.
- Monthly Traumatic Continuum of Care Video Teleconference (VTC), 2006 to Present
- Weekly JTTS/JTTR Trauma Continuum of Care Conference Calls, 2006 to Present
- VA National Task Force Report 2009 Gulf War Traumatic Brain Injury (TBI) Health Effects Task Force: Long Term Consequences of Traumatic Brain Injury, 2009
- Joint Trauma System Director Representing the VA, 2008 – Present
- Panel Member for VA/DoD National Guidelines on Mild TBI, 2009
- National PM&R Access Taskforce 2009 - Present

- Family Initiative Group – 2006 to 2008
- Polytrauma/TBI Advisory Committee - 2005 to Present
- Polytrauma Workgroup - 2005 to Present
- Polytrauma Network Workgroup - 2006 to Present
- Polytrauma Committee for Polytrauma Session at the 2006 Senior Management Conference Meeting
- Traumatic Brain Injury National Advisory Group - 2000 to Present
- Chairperson, Prosthetic Clinical Management Workgroup, Patient Lifts, Prosthetic Strategic Health Group, Washington, D.C. - 2003 to 2005
- Prosthetic Clinical Management Workgroup, Wheelchairs, Prosthetic Strategic Health group, Washington, D.C. - 2003 to 2006
- Chairperson, Clinical Pathways, Spinal Cord Strategic Health Care - 1997

#### Research Leadership

- Co-Director – Center of Innovation on Disability and Rehabilitation Research, October 2013-Present
- Co –Director – HSR&D REAP: Maximizing Rehabilitation Outcomes, August 2008
- Co-Clinical Director – QUERI (Quality Enhancement Research Institute) Polytrauma/Blast Center, 2005 – Present
- Principle Investigator, Defense and Veterans Head Injury Program (DVHIP), 1992-Present
- Scientific Reviewer Deployment Related Medical Research Programs, a component of the Congressionally Directed Medical Research Program, October, 2008
- Research Merit Reviewer, VHA Poly-Trauma Lead Centers Conference, Washington, DC, February, 2005
- SCI Scientific Advisory Board – Center of Excellence in Functional Recovery in Chronic SCI (Miami VA), 2000 – 2004
- Archives Manuscript Reviewer, Archives of Physical Medicine and Rehabilitation, 2006
- Mentoring: Research Career Development Awards
  - Sandra Holley, Correlates of Fatigue and Falls in Persons with Cancer
  - Ron Gironda, PhD, SCI Shoulder Pain, RR&D Career Development Award
  - Dr. Jeff Harrow, MD, PhD, Wound Care, Spinal Cord Injury, RR&D Career Development Award
  - Britta Neugaard, PhD
  - Shelly McIntyre, MD, RR&D Associate Investigator Award, Tampa, FL

#### **Community Service**

- Team Physician, Freedom High School Football, 2002 - 2005
- YMCA Board – New Tampa YMCA – 2001 to 2004
- Editorial Reviewer - Manuscripts Submitted to the Physician and Sports Medicine, 1988 - 1990, the Clinical Journal of Pain 1990
- Drug Crew Chief, United States Olympic Committee - 1986 to 1990
- Member USA Swimming Sports Medicine Committee - 1987 to 1998
- Medical Consultant IBM - 1986 to 1989
- Physician at Lake Placid Olympic Training Center, Lake Placid, New York – 1985
- Assistant Football Coach at Penn State University – 1973 (Undefeated)