

**CURRICULUM VITAE**  
**Guy William Fried M.D.**

**PERSONAL INFORMATION**

Business Address:	Magee Rehabilitation Hospital 1513 Race Street Philadelphia, Pennsylvania 19102
Business Telephone:	(215) 587-3399
Place of Birth:	Southampton, New York
Citizenship:	USA
Marital Status:	Married

**PRESENT POSITIONS**

Senior Vice President for Medical Affairs and Chief Medical Officer	2015-Present
Co-Associate Director for Ongoing Care, Regional Spinal Cord Injury Center of the Delaware Valley	2006-Present
Medical Director of Spinal Cord Injury Unit	2005-Present
Medical Director of Brain Injury Rehabilitation Unit	2005-2007
Medical Director of Clinical Laboratory	2005-Present
Medical Director of Outpatient Services	1998-Present
Chairman of Medical Record Forms Committee	
Attending Physician	1989-Present
Medical Director of Incontinence Program	
Medical Director of Respiratory Care Program	
Treating Physician - Outpatient WorkFitness Program	
Physician Advisor for Utilization Review	
Clinical Laboratory Director <b>Magee Rehabilitation Hospital</b> <b>Philadelphia, Pennsylvania</b>	
Enterprise Vice Chair Physical of Medicine and Rehabilitation <b>Thomas Jefferson University</b> <b>Philadelphia, Pennsylvania</b>	2018-Present
Vice Chair of Quality for the Department of Rehabilitation Medicine <b>Thomas Jefferson University</b> <b>Philadelphia, Pennsylvania</b>	2018-Present
Professor Department of Rehabilitation Medicine <b>Thomas Jefferson University/Jefferson Medical College</b> <b>Philadelphia, Pennsylvania</b>	2012-Present

Clinical Service Chief of PM&R	2016-2019
Active Appointment (Associate Staff)	2007-2019
Clinical Service of Physical Medicine/Rehab	
Director of Trauma Rehabilitation	
<b>Hahnemann University Hospital</b>	
<b>Philadelphia, Pennsylvania</b>	
Attending Physician (Consulting Staff)	1989-Present
Department of Rehabilitation Medicine,	
Service of Physical Medicine	
<b>Methodist Hospital</b>	
<b>Philadelphia, Pennsylvania</b>	
Attending Physician (Associate Staff)	1989-Present
Department of Rehabilitation Medicine	
<b>Thomas Jefferson University Hospital</b>	
<b>Philadelphia, Pennsylvania</b>	
Attending Physician (Consulting Staff)	1989-1999
Member of Rehabilitative Services Committee	
<b>Jefferson Hospital - Ford Road Campus - Subacute Unit</b>	
<b>Philadelphia, Pennsylvania</b>	
Crisis Triage Officer for COVID-19	2020
<b>Thomas Jefferson University Hospital</b>	
<b>Philadelphia, Pennsylvania</b>	

### **FORMAL EDUCATION**

Yale Medical School	1981-1985
New Haven, CT	
M.D. Degree	
Hofstra University	1975-1981
Uniondale, NY	
B.A. Major: Psychology	
Minors: Chemistry	
Biology	
Economics	

### **POST GRADUATE EDUCATION**

Thomas Jefferson University	2018-2019
Philadelphia, PA	
Quality and Safety	

**INTERNSHIP**

Thomas Jefferson University Hospital Philadelphia, Pennsylvania Internal Medicine	1985-1986
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**RESIDENCY**

Thomas Jefferson University Hospital Philadelphia, Pennsylvania	1986-1989
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Chief Resident Rehabilitation Medicine Thomas Jefferson University Hospital Philadelphia, Pennsylvania	1988-1989
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**PROFESSIONAL BOARDS**

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|---|------------------------|
| • State Board of Medical Examiners  | 1989                   |
| • American Board of Physical Medicine & Rehabilitation<br>- <i>Physical Medicine &amp; Rehabilitation Specialty</i>   | 1990                   |
| • Diplomate, American Association of Neuromuscular and<br>Electrodiagnostic Medicine  | 1991                   |
| • American Board of Physical Medicine & Rehabilitation<br>- <i>Spinal Cord Injury Medicine Subspecialty</i><br>- <i>Spinal Cord Injury Medicine Recertification</i> | 1999-2009<br>2019-2029 |
| • American Board of Physical Medicine & Rehabilitation<br>- <i>Pain Medicine Subspecialty</i><br>- <i>Pain Medicine Recertification</i>                             | 2000-2010<br>2010-2030 |
| • Bureau of Workers' Compensation<br>Impairment Rating Evaluator Certification - Fifth Edition  | 1998, 2001             |
| • National Transplant Assistance Fund and Catastrophic Injury<br>Program Medical Advisory Board   | 2007                   |
| • Bureau of Worker' Compensation<br>Impairment Rating Evaluator Certification – Sixth Edition   | 2018                   |
| • American Board of Physical Medicine & Rehabilitation<br>- <i>Brain Injury Medicine Subspecialty</i>   | 2014-2024              |
| • American Board of Independent Medical Examiners<br>Independent Medical Examiners Huntington, WV<br>AMA Guides 4 <sup>th</sup> Edition                             | 2015 – 2020            |

**MEDICAL LICENSURE**

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|-------------------------------------|----------|
| • Pennsylvania License #MD 037710-E | 1/26/87  |
| • New Jersey #MA54216               | 12/29/89 |

**HONORS**

- Phi Beta Kappa 1980
- Edward Arthur Mellinger Foundation Scholarship 1981-1985
- Thomas Jefferson Univ. Hospital - Dept. of Rehabilitation Medicine, PGY2 Attending of The Year for Commitment to Resident Education 1993
- Thomas Jefferson Univ. Hospital - Dept. of Rehabilitation Medicine, Attending of the Year 1998
- Philadelphia Magazine, Top Docs 2002,2006-2012
- Castle Connolly America's Top Doctors 2009-Present
- Best Doctors of America® 2010-2016
- Robert H. Condon Teaching Award – Presented To Faculty Member (First Annual) who Demonstrates Outstanding Contributions to Patient Care and Resident Education by Senior Residents from Department of Rehabilitation at Thomas Jefferson University 2003
- Gerald J. Herbison, MD Award for Mentorship – Presented Annually to Faculty Member who Demonstrates Exceptional Commitment to Mentoring Residents 2007, 2012
- Dean's Citation for Significant Contributions to the Advancement of Education at Jefferson Medical College 2007
- Elected by his peers for inclusion in Best Doctors in America® 2005-2015
- Senior Scholars in the Department of Health Policy, Jefferson Medical College 2008-2019
- Medical Director of NeuroRecovery Network at Magee Rehab 2005-2020
- Medical Advisory Committee of NeuroRecovery Network, Christopher & Dana Reeve Foundation 2005-2020
- Magee Founding Member (TIRR, Shepherd, Frazer-Kentucky, Magee, Boston University, Kessler, and Ohio State)
- Subcommittees: Respiratory 2013-2020
- Autonomic 2013-2020
- Osteoporosis 2013-2020
- Liaison to AAPM&R, 9700 Bryn Mawr, Suite 200, Rosemont, IL 60018
  - Member of Medical Practice Committee 2010
  - Assignment of CMS Committee 2010
  - Human Health Services Committee 2010
  - Practice Resources 2012-2014
- Magee Humanitarian Award “Clinical Hero” November 2010
- Be Well Philly (Phillymag.com) Supplement to Philadelphia Magazine 2010
- 2010-Patients' Choice Award 2010-2018
- American Registry, LLC, 1040 Holland Drive, Boca Raton, FL
- Vice President of The Delaware Valley Stroke Council Board of Directors and Medical Advisory Board 2011-2012
- President of The Delaware Valley Stroke Council Board of Directors and Medical Advisory Board 2012-2016

- U.S. New and World Report Top Docs 2012-2018
- Philadelphia Super Docs 2012  
220 S. 6<sup>th</sup> St, Suite 500, Minneapolis, MN 55402
- Best Doctors of America 2013-2018  
Best Doctors, Inc.  
5230 Woodside Executive Court  
Aiken, SC 29803
- Delaware Valley Stroke Council 18th Anniversary Stars for Stroke Gala Special Recognition Award to Guy Fried MD for his commitment to stroke awareness and access to care as an active member of the medical advisory board, March 2014.
- Top Docs Philadelphia Life/Suburban Life 2014 – 2018
- Member of the Russell H. Conwell Society during academic year 2014-2015. In appreciation of contribution of teaching LLM in Trial Advocacy students to the Temple University Beasley School of Law by JoAnne A. Epps, Dean and Professor of Law.
- Requested to participate in the search committee for a new Chair of The Department of Rehabilitation, Thomas Jefferson University 2016
- America's Most Honored Professionals – Top 5% 2017  
American Registry, LLC, 1040 Holland Drive, Boca Raton, FL
- The Leading Physicians of the World 2017
- Castle Connolly America's Top Doctors™ – 10<sup>th</sup> Anniversary Award 2017
- Gift-in-kind September 2017. In appreciation of contribution of teaching LLM in Trial Advocacy students to the Temple University Beasley School of Law by Gregory Mandel, Dean and Professor of Law.
- Member of the 2018 National Student Trial Advocacy Competition Panel at University of Pennsylvania Law School
- Philadelphia Magazine's Top Docs™ 2018
- Philadelphia Magazine's Top Docs™ 2019
- Philadelphia Magazine's Top Docs™ 2020
- Philadelphia Magazine's Top Docs™ 2021
- Sidney Kimmel Medical College Honor Roll for Teaching 2019
- Be Well Philly Top Docs 2020
- Be Well Philly Top Docs 2022

### **PROFESSIONAL SOCIETIES**

- American Academy of Physical Medicine & Rehabilitation
- American Congress of Physical Medicine & Rehabilitation
- American Association of Neuromuscular & Electrodiagnostic Medicine
- American Medical Association
- Pennsylvania Medical Society

### **MEDICAL STAFF OFFICER, MAGEE REHABILITATION HOSPITAL**

Secretary-1990

Vice President-1991  
 President-1992  
 Secretary-1996  
 Vice President-1997  
 President-1998

## **ACADEMIC POSITIONS**

<b>Instructor</b>	1989-1996
Jefferson Medical College and School of Allied Health	
<b>Clinical Assistant Professor</b>	1996-2006
Department of Rehabilitation Medicine Thomas Jefferson University/Jefferson Medical College Philadelphia, Pennsylvania	
<b>Associate Professor, Clinical &amp; Educational Scholarship Track</b>	2006-2012
Department of Rehabilitation Medicine Thomas Jefferson University/Jefferson Medical College Philadelphia, PA	
<b>Professor</b>	2012-Present
Department of Rehabilitation Medicine Thomas Jefferson University/Jefferson Medical College Philadelphia, PA	

**CLINICAL TECHNICAL PANELIST** – Directed by Dr. Margaret G. Stineman on  
 “Comparing Consumer and Clinician Values for Alternative Functional States:  
 Application of a new feature trade-off consensus building tool.” Supported by  
 NIH Grant. Published, Archives of Physical Medicine & Rehabilitation, Vol. 79, Dec.1998

## **ADMINISTRATIVE APPOINTMENTS**

2003-7/1/2014	Board of Directors – Member of Five Pointe Professional Liability Insurance Company, Jefferson Health System
2003-7/1/2014	Board of Directors – Mountain Laurel Risk Retention Group, Inc., Jefferson Health System
2003-7/1/2014	Member of Risk Management Committee – Jefferson Health System
2003	Representative for Magee Rehabilitation Hospital at ACRM-/ASNR Joint Conference in Tucson, Arizona, October 23-26, 2003
2004-Present	Administrative Representative during JCAHO and CARF Credentialing – Magee Rehabilitation Hospital
2004	One Time Appeals Committee Member for a House Staff Grievance, Jefferson Medical College
2006	Dr. William E. Staas’ Portrait Committee - Jefferson Medical College
2012	Orthopaedic Surgery Department Review Committee with Multiple Site Visits and Interviews – Thomas Jefferson University Hospital under direction of Dean Paskin

2012-2019	Director of Trauma Rehab - Hahnemann University Hospital
2014	Magee Representation for Graduate Medical Education (GME) for Accreditation Council for Graduate Medical Education (ACGME) Site Visit for Jefferson Residency Program
2014	Jefferson Health System Accountable Care Organization-PA Care Management Committee
2014	Delaware Valley Accountable Care Organization
2020	Fellowship at The College of Philadelphia

### **EDITORIAL ACTIVITY**

- Expert Reviewer for the American Congress of Rehabilitation Medicine for Reviewing Clinical Practice Guidelines, within the field of Spinal Cord Injury Medicine on the topic of Acute Management of Autonomic Dysreflexia: Adults with Spinal Cord Injury, presenting to health care facilities. Consortium for Spinal Cord Medicine – Paralyzed Veterans of America, 1997.
- Expert Reviewer – On Board to Review Litigation Cases for PMSLIC 2001 - Present (Pennsylvania Medical Society Liability Insurance Company).
- Guest Editor for Physical Medicine & Rehabilitation, Botulinum Toxin Type A Improves Blood Flow in Vascular Thoracic Outlet Syndrome: A Case Report 2008.
- Expert Reviewer – Manuscript SC-2010-0020, Cardiac Pacing in Patients with a Cervical Spinal Cord Injury, Spinal Cord, Nature Publishing Group, March 9, 2010.
- Expert Reviewer – Manuscript SC-2010-0020R, Cardiac Pacing in Patients with a Cervical Spinal Cord Injury, Spinal Cord, Nature Publishing Group, March 17, 2010.
- Expert Reviewer – Manuscript SC-2011-0172, MRI in Acute and Subacute Post Traumatic Spinal Cord Injury: Pictorial Review, Spinal Cord, Nature Publishing Group, June 9, 2011.
- Expert Reviewer – Manuscript SC-2011-0428, Age Changes in Cervical Spine Morphometry Predisposing to Cervical Stenosis: A postmortem study of 1072 skeletal specimens, Spinal Cord, Nature Publishing Group, January 13, 2012.
- Associate Editor, Journal of Case Reports in Medicine (JCRM), Ashdin Publishing, May 1, 2012 – May 1, 2015.
- Expert Reviewer – Manuscript SC-2012-0106, Time of Physical Exercise Practice After Injury is Related to the Increase Insulin Sensitivity in Cervical Spinal Cord Men, Spinal Cord, Nature Publishing Group, May 15, 2012.
- Expert Reviewer – Manuscript SC-2012-0269, Computed Tomographic Angiography of Anterior Spinal Artery in Acute Cervical Spinal Cord Injury, Spinal Cord, Nature Publishing Group, September 27, 2012.
- Expert Reviewer – Manuscript SC-2013-0052, Cervical Spinal Cord Injuries without Radiographic Evidence of Trauma- A Prospective Study, Spinal Cord, Nature Publishing Group, April 9, 2013.
- Expert Reviewer – Manuscript SC-2013-0418, Outcomes of Whole Body Computed Tomography in Spinal Cord Injured Patients with Sepsis, Spinal Cord, Nature Publishing Group, December 10, 2013.
- Expert Reviewer – Manuscript SC-2013-0343, Dehydration Affects Spinal Cord Cross-Sectional Area Measurement on MRI in Healthy Subjects, Spinal Cord, Nature Publishing Group, December 16, 2013.
- Peer Reviewer, American Academy of Physical Medicine & Rehabilitation, 2013.
- Expert Reviewer - Manuscript SC-2014-0041, CT and MRI Features of Patients with Diastematomyelia, Spinal Cord, Nature Publishing Group, February 26, 2014.
- Expert Reviewer - Manuscript SC-2014-0401, Quantitative Magnetic Resonance Imaging in a Naturally-Occurring Canine Model of Spinal Cord Injury, Spinal Cord, Nature Publishing Group, October 21, 2014.
- Expert Reviewer - Manuscript JSCM-D-14-00166, Effectiveness of Multidisciplinary Rehabilitation

- for Patients with Neuromyelitis Optica, The Journal of Spinal Cord Medicine, March 23, 2015.
- Expert Reviewer - Manuscript JSCM-D-15-00039, Evaluation of the Safety and Reliability of the Newly-Proposed AO Spine Injury Classification System, The Journal of Spinal Cord Medicine, April 15, 2015.
  - Expert Reviewer - Manuscript SC-2015-0205, Static Standing, Dynamic Standing and Spasticity in Individuals with Spinal Cord. Spinal Cord, Nature Publishing Group, May 4, 2015.
  - Expert Reviewer - Manuscript SC-2015-0272, Effect of Detrusor Botulinum Toxin A Injection on Urothelial Dysfunction in the Bladders of Patients with Chronic Spinal Cord Injury - A Clinical and Immunohistochemical Comparison before and after Treatment. May 12, 2015.
  - Expert Reviewer - Manuscript JSCM-D-15-00064, Cervical Stenosis in Spinal Cord Injury and Disorders. The Journal of Spinal Cord Medicine, July 3, 2015.
  - Expert Reviewer - Manuscript SC-2015-0483, The Association Between Use of Anti-Spasticity Medication, Functional Measures and Quality of Life in Persons with Spinal Cord Injury Undergoing Activity Based Restorative Therapy. Spinal Cord, Nature Publishing Group, September 26, 2015.
  - Expert Reviewer - Manuscript SC-2015-0542, Application Value of RESOLVE Combined with Magnetic Resonance Imaging Enhancement in Spinal cord injury Evaluation. Spinal Cord, Nature Publishing Group, December 11, 2015.
  - Expert Reviewer - Manuscript SCSANDC-2015-0044, Case report: management of neurogenic bladder - ultrasound guided Botulinum Toxin A injection help solve the problem of vesicoureteral reflux after spinal cord injury.
  - Expert Reviewer - Manuscript JSCM-D-15-00194, Research Article: The Spinal Cord Injury Spasticity Evaluation Tool: A Persian Adaptation and Validation Study. March 24, 2016.
  - Expert Reviewer - Manuscript SCSANDC-2016-0188, Hemorrhagic Spinal Cord Infarction in a Sick Neonate. Spinal Cord, Nature Publishing Group. 2017.
  - Expert Reviewer – Manuscript JSCM-D-17-00136, Research Article: Novel Method for Restoration of Anorectal Function Following Spinal Cord Injury via Nerve Transfer in Rats. 2017.
  - Expert Reviewer – Manuscript JSCM-D-19-00127, The relationship of subarachnoid hemorrhage and central canal hemorrhage to spasticity: a First Experimental Study The Journal of Spinal Cord Medicine. 2019.
  - Expert Reviewer – Manuscript SCSANDC-2021-1143, Case Report and Literature Review: Longitudinal Atlantoaxial Dislocation Associated with Type III Odontoid Fracture due to High Energy Trauma. March 2021.
  - Expert Reviewer – Manuscript SCSANDC-2021-1260, Cervical spinal cord infarction due to impingement of an anomalous right vertebral artery by thoracic osteophyte. July 2021.
  - Expert Reviewer – Manuscript SCSANDC-2021-1281, Prostatic artery embolization in people with spinal cord injury: A safe and effective technique to ease clean intermittent catheterization in case of concomitant benign prostatic hyperplasia. July 2021.
  - Expert Reviewer – Manuscript SCSANDC-2021-1301, Dual lesion spinal cord injury in a polytrauma patient: A case report. August 2021.
  - Expert Reviewer - Title: SCSANDC-2021-1310, Spinal intracord injection injury during interlaminar cervical epidural steroid injection: a case report. September 2021.
  - Expert Reviewer - Title: SCSANDC-2021-1335, Quality of sleep and anxiety in individuals with spinal cord injury, during COVID-19 pandemic period. December 2021.
  - Expert Reviewer - Title: SC-2022-0035, Rib cage motion during maximal inspiratory capacity in persons with cervical spinal cord injury. January 2022.

## **TEACHING ACTIVITY**



<b>Mentoring of International/National Attendings, Residents and Medical Students. Mentor of Fulbright Scholar</b> Greece, China, Philippines, Egypt, Japan	2001-Present
<b>Lecturer, Jefferson University College of Allied Health</b>	
• Lecturer to Physical Therapy Course	1989-1993
• Lecturer to Occupational Therapy Course	1989-1997
<b>Office of Continuing Medical Education</b>	
• Lecturer, Annual Course in Electrodiagnostics Medicine and Clinical Neurophysiology Practicum on EMG/Nerve Conduction Instrumentation	1990-1993
• Lecturer, Annual Course in Electrodiagnostics and Clinical Neurophysiology Lumbar and Cervical Radiculopathies	1994-1998
• Lecturer, Annual Course in Electrodiagnostics and Clinical Neurophysiology EMG Guidance for Botulinum Toxin Injections	2000-Present
<b>Introduction to Clinical Medicine, Jefferson Medical School</b>	
• Neurogenic Bladder Management with patient presentation	1990-1994
• Neurogenic Bowel Management with patient presentation	1995-1996
• Neurogenic Bladder Management with patient presentation	1997-2008
<b>Senior Medical Student Rotation in Rehab Medicine at Magee Rehabilitation Hospital</b>	1989-Present
• My inpatient and outpatient service generally has 0-3 senior medical students	
<b>Senior Medical Student Lectures at Magee Rehabilitation Hospital</b>	1989-1997
• Every other week on Electromyography	
<b>Periodic Elective Rotations from Visiting Pre-medical Students, Medical Students and Residents</b>	1989-Present
<b>Inpatient Resident Rotations</b>	1989-Present
• This rotation lasts for 2 months. At most times one or two residents on service.	
<b>Outpatient Resident Rotation at Magee Rehabilitation Hospital</b>	1994-Present
• Focus usually on pain, bladder, and spasticity rehabilitation.	
<b>Supervision of Spasticity Fellow</b>	2019 - Present
• Fellowship generally extends from July to July.	
<b>Supervision of Spinal Cord Injury Fellowship</b>	2020 – Present
<b><u>ORIGINAL RESEARCH</u></b>	
• Thromboembolic Stroke in a Young Stroke Population:	1985

Clinical Characteristics and Predictors of Short-term  
Stroke Outcome  
(Thesis accepted by Yale University School of Medicine in  
partial fulfillment of the requirements for MD degree)

- Variability in Cybex Testing of the Hamstring to Quadriceps Torque Ratio – presented at the Pennsylvania National Academy of PM&R 1988
- Behavioral Approach to the Treatment of Urinary Incontinence in a Disabled Population 1995
- Prospective Evaluation of Antibiotic Prophylaxis Prior to Cystometrogram and/or Cystogram Studies: Oral vs. Intramuscular Routes 1996

## **RESEARCH**

- Co-Associate Director for Ongoing Care, Regional Spinal Cord Injury Center of the Delaware Valley, Spinal Cord Injury Model System of Care, NIDRR designated, past 5-year cycles continuous since 1978 2011-2016
- Co-Investigator, Predicting Neurological Recovery After Traumatic Spinal Cord Injury (SCI), NIDRR designated, Thomas Jefferson University, Magee Rehabilitation Hospital, Philadelphia, PA 2011-2016
- Magee Site Physician and Key Personnel 2004-2020  
NeuroRecovery Network - clinical research project, Cooperative Agreement #IU59 DD000838 from Christopher & Dana Reeve Foundation and the Centers for Disease Control
- Co-Investigator, APS Seed Grant, Peripheral Denervation Following Spinal Cord Injury, Thomas Jefferson University, Philadelphia, PA 2005-2006
- Co-Investigator, Restoration of Walking After Spinal Cord Injury - Experiment 2, Thomas Jefferson University, Magee Rehabilitation Hospital, Philadelphia, PA 2005-2006
- Co-Investigator, Data Base Study for the Model Spinal Cord Injury Systems of Care, Thomas Jefferson University, Magee Rehabilitation Hospital, Philadelphia, PA 2007-2010
- Co-Investigator, Development of the Capabilities of Arm and Hand in Tetraplegia (CAHT), Thomas Jefferson University, Magee Rehabilitation Hospital, Philadelphia, PA 2007-2008
- Co-Investigator, research project 2010-2013  
The Effects of Improved Oral Hygiene on the Recurrence of a Ischemic Stroke within a Year Post Stroke Collaborative Effort Of Magee Rehabilitation and University of Pennsylvania Dental

## School

- Co-Investigator, research project

Zoledronic Acid to Prevent Bone Loss after Acute Spinal Cord Injury

Collaborative Effort with Thomas Jefferson University Rehabilitation Medicine

2011-2016
- Co-Investigator, NINDS Stroke Trials Network - Regional Coordinating Centers (U10) RFA: NS-13-011, Thomas Jefferson University, Magee Rehabilitation Hospital, Philadelphia, PA

2013-2019
- Site Principal Investigator (PI), research project

A Multicenter, Randomized, Double Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy, Safety and Pharmacokinetics Of SUN13837 Injection in Adult Subjects with Acute Spinal Cord Injury

Sponsor: Asubio Pharmaceuticals, Inc.

2013-2019
- Site Principal Investigator (PI), research project

Diagnosis of Deep Tissue Injury Using Multi-Frequency NIR Spectroscopy

Collaborative Project between Magee Rehabilitation and Drexel University School of Biomedical Engineering, Science and Health System, Funded by CDMRP (Congressionally directed Medical Research Programs, Department of Defense)

2013-2015
- Scientific Member, Magee Institutional Review Board (IRB)

2010-2020
- Site Principal Investigator (PI) research project

A Phase 1/2a Dose Escalation Study of AST-OPC1 in Subjects with Cervical Sensorimotor Complete Spinal Cord Injury, Asterias Biotherapeutics, Menlo Park, CA.

2015-2020
- Site Principal Investigator (PI) research project

A Long-term Follow-up Study of Subjects with Cervical Spinal Cord Injuries Who Received AST-OPC1 in Protocol AST-OP1-0, Asterias Biotherapeutics, Menlo Park, CA.

2015-2030
- Site Principal Investigator (PI) research project

Early Diagnosis of Pressure Ulcers by Noninvasive Diffuse Near-Infrared and Correlation Spectroscopy, Magee Rehabilitation Hospital and Drexel University School of Biomedical Engineering, Science and Health System, Philadelphia, PA

2018-2019
- Co-Investigator, research project

Early Detection of Pressure Ulcers and Objective Assessment of Healing in Spinal Cord Injury Patients by Noninvasive Diffuse Optical Method, Magee Rehabilitation Hospital and Drexel University School of Biomedical Engineering, Science and Health System, Philadelphia, PA. Awarded \$1.3M for 3 years of follow on funding by Congressionally Directed Medical Research Programs.

2020-2023
- Co-Investigator, research project

Present

Non-Invasive Chronic Neuropathic Pain Signatures Using Structural-Functional Connectomes -

2021 –

Currently funded and recruiting. Philadelphia, PA.

- Co-Investigator, research project 2021 – Present  
Neuroimaging and Connectome Analysis as a Diagnostic and Prognostic Biomarker of  
SCI Induced Neuropathic Pain- Currently under NIH review. Philadelphia, PA.

### **PRESENTATIONS:** (Selected Listing)

- **Fried GW:** Central Pontine Myelinolysis - A Rehabilitation Challenge, presented at Pennsylvania Academy of Physical Medicine & Rehabilitation, 1986.
- **Fried GW:** Pharmacological Approach to Agitation in the Head Injured Patient, Thomas Jefferson University Hospital, Rehabilitation Medicine Grand Rounds, 1987.
- **Fried GW:** Variability in Cybex Testing of the Hamstring to Quadriceps Torque Ratio presented at Pennsylvania Academy of Physical Medicine & Rehabilitation, 1987.
- **Fried GW:** Low Back Pain presented at Thomas Jefferson University Hospital Rehabilitation Medicine Grand Rounds, 1988.
- **Fried GW:** Variability in Cybex Testing of the Hamstring to Quadriceps Torque Ratio presented at Annual Meeting of the American Academy/American Congress of Physical Medicine & Rehabilitation, 1988.
- **Fried GW, Goetz G, Potts-Nulty S:** Urinary Incontinence - Confronting the Future presented at American Academy of Physical Medicine & Rehabilitation National Conference, San Francisco, CA, 1992.
- **Fried GW, Fried KM:** Update on Spinal Cord Injury presented at St. Croix Hospital, St. Croix, US, Virgin Islands, 1993.
- **Fried GW:** Workshop Instructor. Neurological Examination for Spinal Cord Injury at the National Meeting of American Spinal Cord Injury Association, 1994.
- **Fried GW, Goetz G, Potts-Nulty S, Cioschi HM, Solomon G, Staas WE:** Prospective Evaluation of Antibiotic Prophylaxis prior to Cystometrogram and/or Cystogram in Spinal Cord Injured Patients. Poster presentation at American Spinal Injury Association. Seattle, WA, 1996.
- **Fried GW, McMonigle D, Uveges C:** Behavioral Interventions in the Treatment of Urinary Incontinence – Magee Rehabilitation Hospital Continuing Education, April 16, 1997.
- **Fried GW:** Spasticity Management – Phenol, Sensorcaine, & Botox Blocks, presented at Thomas Jefferson University Rehabilitation Educational Series, September 10, 1997.
- **Fried GW, McGillin MA, McMonigle D, Uveges C:** Urodynamic Studies, Magee Rehabilitation Hospital Continuing Education, November 13, 1997.
- **Fried GW:** Neurogenic Bladder, presented at The Jefferson Medical College Annual Retreat for Residents, Philadelphia, February 25, 1998.
- **Fried GW:** Bladder Physiology, presented at Thomas Jefferson University Hospital Rehabilitation Educational Series, July 22, 1998.
- **Fried GW:** Spasticity Management, presented at Thomas Jefferson University Hospital Rehabilitation Educational Series, August 19, 1998.
- **Fried GW:** Sygen – Experimental Medication, SCI Resource Group. Magee Rehabilitation Hospital, November 5, 1998.
- **Fried GW:** Independent Medical Examinations (IMEs) Expert Witness Testimony, presented at Thomas Jefferson University Hospital Rehabilitation Educational Series, December 23, 1998.
- **Fried GW:** Neurogenic Bladder presented at The Jefferson Medical College Annual Retreat for Residents. Philadelphia, PA, February 24, 1999.

- **Fried GW:** EMG Practical Experience presented at Thomas Jefferson University Hospital Rehabilitation Educational Series, April 14, 1999.
- **Fried GW:** Neurogenic Bladder, presented at Thomas Jefferson University Hospital Rehabilitation Educational Series, July 7, 1999.
- **Fried GW:** Workshop Instructor. The Basis of Spasticity Management, presented at the Eastern Regional Conference for the American Academy of Physical Medicine & Rehabilitation, Philadelphia, PA. August 21, 1999.
- **Fried GW:** Introduction to Clinical Medicine (ICM) Lecture: Neurogenic Bladder presented at Jefferson Medical College, February 18, 2000.
- **Fried GW:** Botox Injection with EMG Guidance, presented at the 27<sup>th</sup> Annual Course in Electrodiagnostic & Clinical Neurophysiology, Jefferson Medical College, March 11, 2000.
- **Fried GW, Yudkoff MG:** Putting It All Together: Life Care Planning in the Clinical & Legal Arena, presented at the “Keeping Ahead Educational Series” at Magee Rehabilitation Hospital, March 30, 2000.
- **Fried GW:** Functional Capacity Evaluation of the Back & Neck and Symptom Magnification Issues presented at the American Association of Legal Nursing Consultants, May 11, 2000.
- **Fried GW:** Botulinum Toxin Differences, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, May 24, 2000.
- **Fried GW:** Neurogenic Bladder, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, August 2, 2000.
- **Fried GW:** Botox in the Treatment of Spasticity presented at “Keeping Ahead Educational Series” at Magee Rehabilitation Hospital, October 17, 2000.
- **Fried GW:** Independent Medical Examinations; Expert Witness Testimony presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 6, 2000.
- **Fried GW:** Urodynamics, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, February 14, 2001.
- **Go J, Fried GW (Mentor):** Massage Therapy, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, March 6, 2002.
- **Fried GW, Frederickson D, Uveges C:** Managing Neurogenic Bladder, “Keeping Ahead Educational Series” at Magee Rehabilitation Hospital, March 8, 2001.
- **Fried GW:** Botox Injection with EMG Guidance, presented at the 28<sup>th</sup> Annual Course in Electrodiagnostic & Clinical Neurophysiology, Jefferson Medical College, March 9, 2001.
- **Phillips EM, Rece-Mitchell J, Fried GW:** The Effect of Oxandrolone in Combination with Medical Therapy on Length of Time from Surgery to Sitting Post Surgical Repair of a Pressure Ulcer in Traumatic Spinal Cord Injury Patients. Poster Presentation. American Spinal Injury Association, Vancouver, Canada, April 2002.
- **Fried GW:** CMA and Medicolegal Arena, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, May 15, 2002.
- **Oleson CW, Fried GW, Formal CS:** Yawning in persons with tetraplegia above C3. Presented at the American Spinal Injury Association 27<sup>th</sup> Annual Meeting, Long Beach, California, May 18, 2001.
- **Phillips E, Fried GW, Rece-Mitchell J, Shumaker R, Staas WE:** Use of Oxandrolone for the Treatment of Involuntary Weight Loss Associated with Pressure Ulcers. Presented to American Spinal Injury Association, Long Beach, California. May 18-20, 2001.
- **Fried GW:** Invited to Participate as a Panelist in Symposia of Uses of Botulinum Toxin. International Conference 2002 Basic and Therapeutic Aspects of Botulinum and Tetanus Toxins. Hannover, Germany, June 2002.
- **Fried GW:** Botulinum Toxin Type B Improves Spasticity and Function in Patient with Quadriplegia. Accepted for Poster and Oral Presentation. International Conference in Hannover, Germany, June 2002.
- **Fried GW:** Botulinum Toxin Type B Improves Pain and Function in Patient with Spasticity Due to Quadriplegia. Accepted for Poster Presentation. International Conference in Hannover, Germany, June

2002.

- **Fried GW:** Neurogenic Bladder, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, July 17, 2002.
- Oza R, **Fried GW (Mentor):** Whiplash, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, October 2, 2002.
- **Fried GW, Patterson JW, Staas WE:** Botulinum Toxin Type B for Spasticity Management before Flap Surgery in Patients with Pressure Ulcers: Three Case Reports. Submitted for Poster Presentation. Orlando, Florida, AAPMR, November 2002.
- Lee J, **Fried GW (Mentor):** Performance Enhancing Supplements, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, November 13, 2002.
- **Fried GW, Phillips E, Rece-Mitchell J, Staas WE:** Oxandrolone Use in Patients after Myocutaneous Flap: A Retrospective Comparison. Submitted for Poster Presentation. Orlando, Florida, AAPMR, November 2002.
- Oleson, CV, **Fried GW, Herbison GJ, Schneider A.:** Hip Flexor Injuries in Competitive Figure Skaters. A pilot study. Presented at the 63<sup>rd</sup> Annual Assembly of the American Academy of Physical Medicine and Rehabilitation. Orlando, FL, November 21, 2002.
- Oleson, C, **Fried GW (Mentor):** Hip Flexor Injuries in Competitive Figure Skaters, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 4, 2002.
- Vach T, **Fried GW (Mentor):** Neurosarcooidosis, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 11, 2002.
- Ovsiowitz R, **Fried GW (Mentor):** Facioscapulohumeral Dystrophy (FSHD), presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 18, 2002.
- Oleson, CV, **Fried GW, Herbison GJ, Schneider A.:** Hip Flexor Injuries in Competitive Figure Skaters. Presented at the 8th Annual Meeting of the USFSA Sports Science Meeting. State Farm United States Figure Skating Championships, Dallas, Texas, January 10, 2003.
- Taub, J, **Fried GW (Mentor):** Shoulder Impingement, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 22, 2003.
- **Fried GW:** Pain Board Review, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, February 5, 2003.
- **Fried GW:** Radiculopathy, Nerve Blocks and Botulinum Toxin Injection, presented at the 30<sup>th</sup> Annual Course in Electrodiagnostic & Clinical Neurophysiology, Jefferson Medical College, February 28, 2003.
- Xi, F, **Fried GW (Mentor):** Male Sexuality in SCI, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, June 4, 2003.
- **Fried GW:** Neurogenic Bladder and Neurogenic Bowel, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, July 16, 2003.
- **Fried GW:** Independent Medical Examinations; Expert Witness Testimony presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 7, 2004.
- **Fried GW:** Radiculopathy and Botulinum Toxin Injection, presented at the 31<sup>st</sup> Annual Course in Electrodiagnostic & Clinical Neurophysiology, Jefferson Medical College, April 1-2, 2004.
- **Fried GW:** Pain Board Review, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, May 5, 2004.
- **Fried GW:** Neurogenic Bladder and Neurogenic Bowel, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, July 7, 2004.
- Westrol R, **Fried GW (Mentor):** Reproduction and Fertility after SCI, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, March 2, 2005.
- **Fried GW:** Radiculopathy and Botulinum Toxin Injection, presented at the 32<sup>nd</sup> Annual Course in Electrodiagnostic & Clinical Neurophysiology, Jefferson Medical College, March 10-11, 2005.
- Hira A, **Fried GW (Mentor):** Conservative and Surgical Management of Pressure Ulcers, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, June 22, 2005.

- **Fried GW:** Introduction to SCI Rehabilitation, presented at Thomas Jefferson University Hospital Lecture Series, July 13, 2005.
- Reznik M, **Fried GW:** Myelopathy Associated with Melorheostosis: A Case Report. Archives of Physical Medicine and Rehabilitation. July 2005 (Vol. 86, Issue 7, Pages 1495-1497).
- Heckert K, **Fried GW (Mentor):** The Question of Elective Repair of Non-ruptured Intracranial Aneurysm, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, September 28, 2005.
- **Fried GW:** Medical and Rehabilitation Trends in Spinal Cord Injury. Wyndham Franklin Plaza, Philadelphia, PA, October 15, 2005.
- Dholakia M, **Fried GW (Mentor):** Botulinum Toxin in Pain, Spasticity, and Dystonia, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, October 19, 2005.
- **Fried GW,** Formal CS: The Role of the Physiatrist in the Management of Cervical Myelopathy. Lecture AAPMR Meeting, Philadelphia, PA, October 28, 2005.
- Singh S, **Fried GW (Mentor):** Low Vision Rehab, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, November 23, 2005.
- **Fried GW:** Bedrest, Debility and Exercise I, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 14, 2005.
- **Fried GW:** Bedrest, Debility and Exercise II, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, December 21, 2005.
- Craig J, **Fried GW (Mentor):** Spinal Cord Stimulators, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, February 1, 2006.
- Kucer B, **Fried GW (Mentor):** TBI & SCI Dual Diagnosis, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, March 8, 2006.
- Martinez J, **Fried GW (Mentor):** Selective Dorsal Root Rhizotomy and Cerebral Palsy, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, March 22, 2006.
- Craig J, **Fried GW (Mentor):** Esophageal Perforation Detected on Barium Swallow after Traumatic Spinal Cord Injury with Anterior Cervical Fusion. PA Academy of PM&R, Baltimore, MD, April 22, 2006.
- Heckert K, **Fried GW (Mentor):** Improvement of Spasticity with Botulinum Toxin B in a Patient with Intracranial Hemorrhage\*: 2 Cases. PA Academy of PM&R, Baltimore, MD, April 22, 2006. (\*This presentation won the Rex Newton Award).
- Tetlow, G, **Fried GW (Mentor):** Paraplegia after Epidural: A Report of Two Cases, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, May 3, 2006.
- Burns AS, Flanders A, **Fried GW,** Marino RJ: Imaging Peripheral Denervation Caudal to Acute Spinal Cord Injury. J Spinal Cord Med 2006; 29[4]:445-446.
- Fried G: Botulinum Neurotoxin and Muscle Overactivity: Improving Patient Care in the Upper Motor Neuron Syndrome. Injection Workshops (Case Study Presentation, Injection Technique Demo). Four Seasons, Philadelphia, PA. October 7, 2006.
- Hira A, **Fried GW (Mentor):** Common Causes of Knee Pain, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, November 1, 2006.
- Craig J, **Fried GW,** Diraddo DJ: Esophageal Perforation detected on Modified Barium Swallow after Anterior Cervical Surgery following Traumatic Spinal Cord Injury: A Case Report. Poster for AAPM&R 67<sup>th</sup> Annual Assembly, Honolulu, Hawaii, November 9-12, 2006.
- DiCicco-Heckert K, **Fried GW:** Improvement in Spasticity with Injection of Botulinum Toxin Type B in Patients with Intracranial Hemorrhage: A Report of Two Cases. Poster for AAPM&R 67<sup>th</sup> Annual Assembly, Honolulu, Hawaii, November 9-12, 2006.
- Phillips E, **Fried GW:** Obesity and SCI: Selecting an Appropriate Enteral Formula to Promote Wound Healing without Incurring Unwanted Weight Gain. Poster for AAPM&R 67<sup>th</sup> Annual Assembly, Honolulu, Hawaii, November 9-12, 2006.

- Singh S, **Fried GW**: Boosting, A Case Report. Poster for AAPM&R 67<sup>th</sup> Annual Assembly, Honolulu, Hawaii, November 9-12, 2006.
- Singh S, **Fried GW**: Liver Toxicity Following Administration of Levetiracetam, A Case Report. Poster for AAPM&R 67<sup>th</sup> Annual Assembly, Honolulu, Hawaii, November 9-12, 2006.
- Abramov R, **Fried GW (Mentor)**: Biochemical Aspects of Pain: A Closer Look at Disc Induced Pain, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 3, 2007.
- Sharma S, **Fried GW (Mentor)**: Pain Management in Burn Rehabilitation, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 17, 2007.
- **Fried GW**, Fredrickson D, RN: Neurogenic Bladder/CMG, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, August 8, 2007.
- Schreiber AL, **Fried GW**, Formal CS, DeSouza BX: Rehabilitation of Neuromyelitis Optica (Devic's Syndrome): 3 case reports. 68<sup>th</sup> Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, John B. Hynes Veterans Memorial Convention Center, Boston, MA, September 27-30, 2007.
- Schreiber AL, **Fried GW**, Formal CS: Normalization of SCI Urodynamics after Intrathecal Baclofen Therapy. 68<sup>th</sup> Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, John B. Hynes Veterans Memorial Convention Center, Boston, MA, September 27-30, 2007.
- Gehret JA, **Fried GW**: Neurosarcoidosis Presenting as Progressive Low Back Pain and Weakness Years after Laminectomy: a case report. 68<sup>th</sup> Annual Assembly of the American Academy of Physical Medicine & Rehabilitation, John B. Hynes Veterans Memorial Convention Center, Boston, MA, September 27-30, 2007.
- Martinez J, **Fried GW (Mentor)**: Sports in SCI, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, October 17, 2007.
- Thomas J, **Fried GW (Mentor)**: Botulinum Toxin for Cervicothoracic Myofascial Pain Syndrome: What Does the Evidence Show? Presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, November 28, 2007.
- Carroll JA, **Fried GW**: Optimizing Administration and Physician Collaboration to Improve Safety and Reduce Risk, Rehabilitation Centers of Excellence, Las Vegas, Nevada. November 28, 2007.
- Kozlek KM, Schreiber AL, **Fried GW**, Formal CS: Normalization of spinal cord injury urodynamics after intrathecal baclofen therapy: a case report. 2008 Annual Conference of the Association of Academic Physiatrists, Disneyland Hotel, Anaheim, CA, February 19-23, 2008.
- Abramov R, Schreiber AL, **Fried GW**: Expanding the differential of shoulder pain: Parsonage Turner Syndrome: a case report. 2008 Annual Conference of the Association of Academic Physiatrists, Disneyland Hotel, Anaheim, CA, February 19-23, 2008.
- **Fried GW**: Independent Rehabilitation Evaluation (IRE) Evaluation and Treatment, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, April 9, 2008.
- Hsu BH, **Fried GW**, Schreiber AL: Profile of Motor Vehicle Accident Patients Involved in Personal Injury Lawsuit Referred from Chiropractors to Physiatrists. Arch Phys Med Rehab 2008; 89(11):e68-69.
- **Fried GW**: Botulinum Neurotoxin and Muscle Overactivity: A Case-Based Approach to Improving Patient Care in the Upper Motor Neuron Syndrome. Neurotoxin Institute/Postgraduate Institute for Medicine Workshop. Philadelphia, November 8, 2008.
- Gehret J, **Fried GW (Mentor)**: Opioid Management in Chronic Pain, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 14, 2009.
- **Fried GW**: The Critical Medical, Legal, Nursing and Funding Issues for Children and Adults with Cerebral Palsy, Spinal Cord and Traumatic Brain Injuries. Sheraton Hotel, Philadelphia, April 4, 2009.
- Villanueva JA, Flanders AE, **Fried G**, Schreiber AL, Singh, JR: Brown-Sequard Syndrome after Cervical Laminectomy for Cervical Myelopathy Secondary to Cervical Stenosis: A Case Report. PM R 2009; 9:S249. Presented at the AAPMR Meeting in Austin, TX.



- **Fried GW**, Kim H, Schlachter K: Sialorrhea Workshop: Ultrasound Guided Botulinum Toxin Injection. Park Hyatt Hotel, Philadelphia, October 10, 2009.
- **Fried GW**, Frederickson D: Neurogenic Bladder, Urodynamics, and Medical Evaluations, presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 9, 2010.
- McDonald B, Schreiber A, **Fried G**: Demographics and Outcome of Spinal Cord Injury after Interventional Cervical Spine Procedure: A Case Series from 2001 to 2008 at a Model Spinal Cord Center. AAP Annual Meeting, April 6-10, 2010.
- McDonald B, Schreiber A, **Fried G**: Demographics and Outcome of Spinal Cord Injury after Interventional Thoracolumbar Spine Procedure: A Case Series from 2001 to 2008 at a Model Spinal Cord Center. AAP Annual Meeting, April 6-10, 2010.
- Ahmed SR, **Fried GW**, Schreiber AL: Spinal Cord Infarction due to Aortic Valve Fibroelastoma Embolization: A Case Report. AAP Annual Meeting, April 6-10, 2010.
- **Fried, GW**: Advancements in Spinal Cord Rehabilitation. Sheraton Harrisburg-Hershey Hotel, April 24, 2010.
- **Fried, GW**: Advancements in Spinal Cord Rehabilitation. Sheraton Center City, Philadelphia, May 1, 2010.
- **Fried GW**: Road to Recovery. AANN, 17<sup>th</sup> Annual Neuroscience Conference, Hershey Country Club, Hershey, May 13, 2010.
- **Fried GW**: Complications and Prevention of Spinal Cord Injury. Moss Rehabilitation Hospital Invitation Lecture Series, Elkins Park, September 22, 2010.
- **Fried GW**: Neurogenic Bladder in Patient with Traumatic Brain Injury and Other Pathological Entities. Moss Rehabilitation Hospital Invitation Lecture Series, Elkins Park, September 22, 2010.
- **Fried GW**: Workshop on Botulinum Injection for Spastic Hemiparesis from Cerebrovascular Accident and Traumatic Brain Injury. Philadelphia, October 21, 2010.
- **Fried GW**: Spinal Cord Injury Complications and Prevention. Hospital University of Pennsylvania Invitation Lecture Series, November 17, 2010.
- **Fried GW**: Neurogenic Bladder in Patient with Traumatic Brain Injury and Other Pathological Entities. Hospital University of Pennsylvania Invitation Lecture Series, November 17, 2010.
- **Fried GW**, Formal CS: Medical Management of Spinal Disabilities. 2<sup>nd</sup> Annual Navigating Spinal Care Symposium: Cervical Spinal Disorders, Philadelphia, May 6, 2011.
- **Fried GW**: How to Evaluate Medical and Psychological Records and Evidence. Lecturer and Panelist. City of Philadelphia Continuing Legal Education Program. July 22, 2011.
- **Fried, GW**: Advancements in Spinal Cord Rehabilitation. Sheraton Center City, Philadelphia, October 1, 2011.
- **Fried GW**, Marino, R, Vaccaro A: Panel on Medical Continuing Care, Philadelphia, October 7, 2011.
- **Fried GW**: Spinal Cord Injury Complications and Prevention. Hospital University of Pennsylvania Invitation Lecture Series, December 14, 2011.
- **Fried GW**: CMG and Neurogenic Bladder. Presented at Thomas Jefferson University Hospital Rehabilitation Lecture Series, January 18, 2012.
- **Fried GW**: Botulinum Toxin Injections. 39<sup>th</sup> Annual Electrodiagnostic Medicine, Thomas Jefferson University, March 2, 2012.
- **Fried GW**: Botulinum Toxin for Treatment of Spasticity. 11<sup>th</sup> Annual Cerebrovascular Update, Thomas Jefferson University, March 15, 2012.
- **Fried GW**, Brodsky KN, Rubinich ZM: Cross-Examination of IRE Physician: Using the 6<sup>th</sup> Edition of the AMA Guides, Philadelphia Bar Association, Philadelphia, July 13, 2012.
- **Fried GW**: Neurogenic Bladder. Temple Management Grand Rounds, Philadelphia, September 25, 2012.
- **Fried GW**: The Catastrophic Injury Cases: Quadriplegia, Paraplegia and Spinal Injury Cases. Pennsylvania Bar Institute, CLE Conference Center, Philadelphia, October 5, 2012.
- **Fried GW**: Rehab of the Spinal Cord Injured Patient, The 16<sup>th</sup> Annual Trauma and Anesthesia

Symposium. Scranton Cultural Center, Scranton, PA October 6, 2012.

- **Fried GW:** Trauma Conference: New Trends, Treatments, and Resources for Trauma Patients. Hilton Hotel, Hershey, PA November 10, 2012.
- **Fried GW:** Botulinum Toxin Injections. 40<sup>th</sup> Annual Electrodiagnostic Medicine, Thomas Jefferson University, March 1, 2013.
- **Fried GW:** Management of Spasticity in Spinal Cord Injury. **Keynote Speaker.** People's Liberation Hospital, Beijing, China August 10, 2013.
- **Fried GW:** Neurogenic Bladder. Temple Management Grand Rounds, Philadelphia, September 18, 2013.
- **Fried GW:** Traumatic Brain Injury: Medical and Legal Aspects of Brain Injury Litigation. Medical and Neuropsychological Aspects of Identifying and Treating TBI. Pennsylvania Bar Institute, CLE Conference Center, Philadelphia, November 6, 2013.
- **Fried GW, Lorraine E. Buchanan:** Building a Life Care Plan for a Patient with Lower Extremity Disability. "When He Doesn't Have a Leg to Stand On." AANLCP 2013 National Education Conference. The Loew's Hotel, Philadelphia, November 9, 2013.
- **Fried GW:** Temple Management Grand Rounds, Philadelphia, October 23, 2013.
- **Fried GW:** Conference on Traumatic Brain Injury, Understanding the Medical and Legal Aspects of Brain Injury Litigation. Medical and Neuropsychological Aspects of Identifying and Treating Traumatic Brain Injury, Pennsylvania Bar Institute, Philadelphia, November 6, 2013.
- **Fried GW:** Temple University, Beasley School of Law. Lecture and Panelist of Experts Program for the LL.M in Trial Advocacy Degree Program, November 23, 2013.
- **Fried GW:** Botulinum Toxin Injections. 41<sup>st</sup> Annual Electrodiagnostic Medicine, Thomas Jefferson University, February 14, 2014.
- **Fried GW, Patterson J:** Invitation to Neuromodulation Therapy Experts Program. Metronics, Minneapolis, MN, May 5, 2014.
- **Fried GW, Formal, CS:** 5th Annual Navigating Spinal Care Symposium: Managing Gait Dysfunction, Thomas Jefferson, May 9, 2014.
- **Fried GW, Bradley V:** Injury and Rehabilitation (By Invitation Dean Weitzman, Esq.). Court Radio 100.3 WRNB, 2 Bala Plaza on City Line, Philadelphia. June 1, 2014.
- **Fried GW:** Pennsylvania Bar Institute (Continuing Education Arm of the PA Bar Association), The Pain Puzzle: Putting the Pieces Together. CLE Conference Center, Wanamaker Building, Philadelphia, PA July 24, 2014.
- **Fried GW:** Update in Spinal Cord Injury and Traumatic Brain Injury. Hospital University of Pennsylvania Invitation Resident Series, August 8, 2014.
- **Fried GW:** Temple University Beasley School of Law. Faculty for Trial Advocacy Program LLM. Philadelphia, September 20, 2014.
- **Fried GW:** University of Pennsylvania Law School, Trial Advocacy Association. Presenting and Cross-Examining an Expert Witness. Presentation to Pennsylvania Law and Medical Students, Philadelphia, October 30, 2014.
- **Fried GW:** Botulinum Toxin Injections. 42<sup>nd</sup> Annual Electrodiagnostic Medicine, Thomas Jefferson University, February 20, 2015.
- **Fried GW:** Radio Interview with Dan Gottlieb "Voices in the Family." WHYY, 150 North Sixth Street, Philadelphia, March 16, 2015.
- **Fried GW, et al.:** Post Stroke Rehab Management "A Day in the Life of a Stroke Patient." 14<sup>th</sup> Annual Cerebrovascular Update, Thomas Jefferson University, March 19, 2015.
- **Fried GW:** Lecture for University of Pennsylvania Law School, Mock Trial Team in Preparation for South Texas Mock Trial Challenge. University of Penn Law School, March 23, 2015.
- **Dr. Henry Chou, Janice Schuld, Guy Fried:** Case Series of Increased Weight Loss in Patients with SCI Resulting from Gunshot Wound. 3<sup>rd</sup> Annual National Summit on Safety & Quality for Rehabilitation Hospitals Rehab Summit. Arlington, VA April 20, 2015.

- **Fried GW:** Mentorship Grand Rounds with David Surrey. Neural Myelitis Optica, June 3, 2015.
- **Fried GW:** AMA Guidelines 4<sup>th</sup> vs 6<sup>th</sup> Edition Webinar. Pennsylvania Bar Institute, March 10, 2016.
- **Fried GW, Formal, C, Kupfer M:** Case Report: Spinal Cord Injury and Post Traumatic Syringomyelia. 61<sup>st</sup> Med Year American Osteopathic College of Physical Medicine and Rehabilitation (AOCPMR), Philadelphia, March 17-20, 2016.
- **Fried GW:** AMA Guidelines 4<sup>th</sup> vs 6<sup>th</sup> Edition Live Webinar. Pennsylvania Bar Institute, May 3, 2016.
- **Fried GW:** Botulinum Toxin Injections. 44th Annual Electrodiagnostic Medicine, Thomas Jefferson University, February 17, 2017.
- **Fried GW:** Neurogenic Bladder Live Webinar. International Association of Rehabilitation Professionals (IARP), November 16, 2017.
- **Fried GW:** Botulinum Toxin Injections. 45th Annual Electrodiagnostic Medicine, Thomas Jefferson University, February 2, 2018.
- **Fried GW, Formal C:** Exciting New Rehabilitation Interventions for Persons with Spinal Cord Injury. Orthopaedic Rehabilitation Annual Meeting, Cooper Health System, October 6, 2018.
- **Fried GW:** Spinal Cord Injury Overview. Presentation to Penn PM&R Residents. University of Pennsylvania, January 9, 2019.
- **Fried GW:** Neurogenic Bladder. Temple University. Presentation to Temple/Moss PM&R Residents, January 16, 2019.
- **Fried GW:** Botulinum Toxin Injections. 46th Annual Electrodiagnostic Medicine, Thomas Jefferson University, March 1, 2019.
- **Fried GW:** Botulinum Toxin Injections. 47th Annual Electrodiagnostic Medicine, Thomas Jefferson University, January 31, 2020.
- **Fried GW:** Botulinum Toxin Injections. 48th Annual Electrodiagnostic Medicine, Thomas Jefferson University, Virtual Presentation, January 28, 2021.
- **Fried GW:** Neurogenic Bladder. Temple University. Presentation to Temple/Moss PM&R Residents, April 14, 2021.
- **Fried GW:** Botulinum Toxin Injections. 49th Annual Electrodiagnostic Medicine, Thomas Jefferson University, Virtual Presentation, February 11, 2022.

### **ELECTRONIC PUBLICATIONS:**

Allen KL, **Fried, GW.** Prepatellar Bursitis. eMedicine Journal, Physical Medicine and Rehabilitation, May 9, 2001, Volume 2, Number 5.

Patel S, **Fried GW,** Marone PJ. Humeral Capitellum Osteochondritis Dissecans. eMedicine Journal, Sports Medicine, May 15, 2002.

Patel S, **Fried GW,** Marone PJ. Humeral Capitellum Osteochondritis Dissecans. eMedicine from WebMD. Updated August 6, 2008. Available at: <http://emedicine.medscape.com/article/96869-overview>.

Allen KL, **Fried GW.** Prepatellar Bursitis. eMedicine Journal, Physical Medicine and Rehabilitation, Updated August 9, 2009. Available at: <http://emedicine.medscape.com/article/309014-overview>.

Abramov R, Schreiber AL, Fried GW. Expanding the differential of shoulder pain: Parsonage-Turner Syndrome. August 26, 2009. MDLinx.com

Allen KL, **Fried GW**. Osteitis Pubis. eMedicine from WebMD. Updated June 22, 2010. Available at: <http://emedicine.medscape.com/article/308384-overview>.

Patel S, Fried GW, Marone PJ. Humeral Capitellum Osteochondritis Dissecans, eMedicine from WebMD. Updated August 02, 2011. Available at: <http://emedicine.medscape.com/article/96869-overview>.

Allen KL, Fried GW. Physical Medicine and Rehabilitation for Osteitis Pubis, eMedicine from WebMD. Updated August 17, 2012. Available at: <http://emedicine.medscape.com/article/308384-overview>.

Allen KL, **Fried GW**. Prepatellar Bursitis. eMedicine from WebMD. Updated August 29, 2012. Available at: <http://emedicine.medscape.com/article/309014-overview>.

Patel S, **Fried GW**, Marone PJ. Humeral Capitellum Osteochondritis Dissecans. Medscape Reference. Updated June 19, 2013. Available at: <http://emedicine.medscape.com/article/96869-overview>.

Allen KL, **Fried GW**. Prepatellar Bursitis. Medscape Reference. Updated July 15, 2014. Available at: <http://emedicine.medscape.com/article/309014-overview>.

Allen KL, **Fried GW**. Prepatellar Bursitis. Medscape Reference. Updated April 17, 2017. Available at: <http://emedicine.medscape.com/article/309014-overview>.

## **POSTERS:**

Lincow R, **Fried GW**, Formal CS: Treatment and Rehabilitation of Two Patients with Similar Sternomanubrial Joint Dislocations, 34<sup>th</sup> Annual Scientific Meeting of ASIA, San Diego, CA, June 19-22, 2008.

Phillips E, Swain K, **Fried GW**: Practice Guidelines for the Use of Enteral Formulas High in Medium-Chain Triglycerides for Glycemic Control in Tube Fed Trauma Rehabilitation Patients. ASIA Annual Conference, 2008.

Sharma S, **Fried GW**, Diraddo D, Formal CS: Resolved Dysphagia After Spinal Cord Injury Followed by Severe Dysphagia After Anterior Cervical Decompression and Fusion: A Case Report, 34<sup>th</sup> Annual Scientific Meeting of ASIA, San Diego, CA, June 19-22, 2008.

Hsu BH, Schreiber AL, **Fried GW**: Profile of Motor Vehicle Accident Patients Involved in Personal Injury Lawsuits Referred from Chiropractor to Physiatrists. 69<sup>th</sup> Annual Assembly of AAPM&R, San Diego, CA, November 20-23, 2008.

Villanueva J, **Fried G**, Schreiber A, Singh J, Flanders A: Brown-Sequard Syndrome after Cervical Myelopathy Secondary to Cervical Stenosis: A Case Report. 70<sup>th</sup> Annual Assembly of AAPM&R, Austin, TX, October 22-25, 2009.

McDonald B, Schreiber A, **Fried G**: Demographics and Outcome of Spinal Cord Injury after Interventional Cervical Spine Procedure: A Case Series from 2001 to 2008 at a Model Spinal Cord Center. AAP Annual Meeting, April 6-10, 2010.

McDonald B, Schreiber A, **Fried G**: Demographics and Outcome of Spinal Cord Injury after Interventional Thoracolumbar Spine Procedure: A Case Series from 2001 to 2008 at a Model Spinal Cord Center. AAP Annual Meeting, April 6-10, 2010.

Ahmed SR, **Fried GW**, Schreiber AL: Spinal Cord Infarction due to Aortic Valve Fibroelastoma Embolization: A Case Report. AAP Annual Meeting, April 6-10, 2010.

Leahy HP, Beckley AA, **Fried GW**, Formal CS: A Series of Cases on Recurrent Syringomyelia. 91<sup>st</sup> Annual American Congress of Rehabilitation Medicine, Toronto, October 10, 2014.

Diaz D, Lafontant A, **Fried GW**, et al: Pressure Injury Prediction Using Diffusely Scattered Light. NPUAP Biennial Meeting, New Orleans, March 10-11, 2017.

Lafontant A, Diaz D, Zubkov L, **Fried G**, Drexel University School of Biomedical Engineering; Drexel University College of Medicine, Dept of Surgery; Drexel University College of Medicine, Dept of Nursing; Magee Rehabilitation Hospital; St. Petersburg Polytechnic University, et al: Early Pressure injury prediction using noninvasive optical methods. The Second Britton Chance International Symposium on Metabolic Imaging and Spectroscopy, Philadelphia, PA, June 11-13, 2018.

Schuld J, Smith, J, **Fried G**, et al.: Utilizing Bronchial Hygiene Measures to Reduce Mucus Plugging in Ventilator Patients. Academy of Spinal Cord Injury Professionals Annual Meeting, Nashville, September 1-4, 2019.

Schuld J, Smith, J, **Fried G**, et al.: Utilizing Bronchial Hygiene Measures to Reduce Mucus Plugging in Ventilator Patients. Academy of Spinal Cord Injury Professionals Annual Meeting, Nashville, March 20, 2020.

Schuld J, Smith, J, **Fried G**, et al.: Utilizing Bronchial Hygiene Measures to Reduce Mucus Plugging in Ventilated Patients. Pennsylvania Coalition of Nurse Practitioners Virtual Conference, October 23, 2020.

**Guy Fried, MD**, Janice Schuld, CRNP, Rebecca Itskevich, DO, PGY-3 and Jessica Kraus-Lavy, MD, PGY-1. Thomas Jefferson University, Magee Rehabilitation Hospital: Transverse Myelitis on unknown Etiology 6 months after COVID infection: A Case Report, American Association of Physical Medicine and Rehabilitation Virtual Conference, October 2021.

Daniel Haber, MD1; Robert Selko, DO1; Joshua Levin, DO1; and **Guy Fried, MD**; Spinal Cord Injury Resulting from Spinal Cord Stimulator Anterior Lead Tracking due to Dural Adhesion: A Case Report and Literature Review; Department of Rehabilitation Medicine, Jefferson Health-Magee Rehabilitation Hospital, June 2022

**Guy Fried, MD**, Janice Schuld, CRNP; Rehabilitation Management of a Transgender Man with a Spinal Cord Injury (SCI): An Interdisciplinary Approach: A Case Report; Department of Rehabilitation Medicine, Jefferson Health-Magee Rehabilitation Hospital, October 2022.

Haber D, Becker C, **Fried G**, A Physiatric Perspective on Pain Management for a Patient with Fibrodysplasia Ossificans Progressiva with Spinal Cord Injury: A Case Report, New York and New Jersey Pain Medicine Symposium, Jersey City, NJ, November 5, 2022

Haber D, Selko R, Levin J, **Fried G**, Spinal Cord Injury Resulting from Spinal Cord Stimulator Anterior Lead Tracking due to Dural Adhesion: A case report and literature review, American Society of Regional Anesthesia and Pain Medicine Meeting, Orlando, FL, November 18, 2022.

**ABSTRACTS:**

Oleson CV, **Fried GW**, Formal CS. Yawning in persons with tetraplegia above C3. *Journal of Spinal Cord Medicine* 2001; 24 (Suppl 1):S24.

Oleson CV, **Fried GW**, Herbison GJ. Hip flexor injuries in competitive figure skaters. *Archives of Physical Medicine and Rehabilitation* 2002; 84: 1664.

Schreiber AL, **Fried GW**, Formal CS, DeSouza, BX. Rehabilitation of neuromyelitis optica (Devic's Syndrome): 3 case reports. *Archives of Physical Medicine and Rehabilitation* 2007; 88(9):E61.

Gehret JA, **Fried GW**. Neurosarcoidosis presenting as progressive low back pain and weakness years after laminectomy: a case report. *Archives of Physical Medicine and Rehabilitation* 2007; 88(9):E95-E96.

Kozlek KM, Schreiber AL, **Fried GW**, Formal CS. Normalization of spinal cord injury urodynamics after intrathecal baclofen therapy: a case report. *Am J Physical Medicine and Rehabilitation* 2008; 87(3):S10.

Abramov R, Schreiber AL, **Fried GW**. Expanding the differential of shoulder pain: Parsonage-Turner Syndrome: a case report. *Am J Physical Medicine and Rehabilitation* 2008; 87(3):S28.

Ahmed SR, **Fried G**, Schreiber AL. Spinal cord infarction due to aortic valve Fibroelastoma Embolization. *Am J Physical Medicine and Rehabilitation* 2010; 89(4):S22.

Ahmed SR, **Fried GW**, Schreiber AL. Demographics and outcome of spinal cord injury after interventional cervical spine procedures: a case series from 2001-2008 at a Model Spinal Cord Center, *Am J Physical Medicine and Rehabilitation* 2010; 89(4):S26.

McDonald B, **Fried GW**, Schreiber AL. Demographics and outcome of spinal cord injury after interventional thoracolumbar spine procedures: a case series from 2001 to 2008 at a Model Spinal Cord Center. *Am J Physical Medicine and Rehabilitation* 2010; 89(4):S26.

David D, Neidrauer, M, Weingarten M, Lafontant A, **Fried GW**, et al.: Deep Tissue Injury Assessment Using a Non-Invasive Optical Modality. Symposium on Advanced Wound Care/Wound Healing Society Annual Meeting, Atlanta, 2016.

Lafontant A, Neidrauer M, Diaz D, **Fried G**, et al.: Early Prediction of Deep Tissue Injury Using Diffuse Optical Methods. Symposium on Advanced Wound Care/Wound Healing Society Annual Meeting. San Diego, 2017.

Lafontant A, Neidrauer M, Diaz D, **Fried G**, et al.: Tissue Blood Flow for Early Diagnostic Pressure Injuries. *Wound Repair and Regeneration Journal*. 2017.

Daniel Haber, MD, Thomas Jefferson University, Claire Becker, Philadelphia College of Osteopathic Medicine, **Guy Fried, MD**, Thomas Jefferson University. A Physiatriic Perspective on Pain Management for a Patient with Fibrodysplasia Ossificans Progressiva with Spinal Cord Injury, 2022.

**PUBLICATIONS:**

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### **TUTTLEMAN FOUNDATION SEMINARS:**

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Speakers Susan Harkema, PhD, "Rewiring the Neural Network: Activity Base Rehabilitation" and John F. Ditunno, MD, "Where Do We Go with Activity Based Rehabilitation," Magee Rehabilitation Hospital, Philadelphia, PA, June 9, 2006.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Speakers Nathan Zasler, MD, "Independent Medical Evaluations: From A to Z," Michael Saulino, MD, PhD "What's New in Intrathecal Therapy for Pain and Spasticity," Gerald Herbison, MD, "Ulnar Neuropathies," and Todd Bernstein, MD, "Managing Agitation," Magee Rehabilitation Hospital, Philadelphia, PA, June 8, 2007.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Speakers Gregory Nemunaitis, MD, "Update on the Use of Functional Electrical Stimulation for Persons with Spinal Cord Dysfunction," and Wise Young, MD, PhD, "Pharmacological, Surgical, and Cellular Therapies for Spinal Cord Injury," Watermark Retirement Communities and Magee Rehabilitation Hospital, Philadelphia, PA, June 4, 2008.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Speakers Rodney Bell, MD, "Secondary Prevention of Stroke," Barbara J. Browne, MD, "Stroke Rehab: Opportunities and Obstacles," and Pamela W. Duncan, PhD, PT, FAPTA, FAHA, "Comprehensive Stroke Programs: Translating Knowledge into Practice," Watermark Retirement Communities and Magee Rehabilitation Hospital, Philadelphia, PA, June 19, 2009.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Speakers Timothy Young, MD, "Neurobehavioral Sequelae of Traumatic Brain Injury," Ross Zafonte, DO, "The Neuropharmacology of TBI – Lessons from Clinical Trials, Acute and Postacute," James McDeavitt, MD, "Behavioral Syndromes in Traumatic Brain Injury," Todd Lewis, PhD, "Management of the Agitated Patient," and Lane Brown, PhD, "Rehabilitation Readiness," Magee Rehabilitation Hospital, Philadelphia, PA, May 17, 2010.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Presenting "What's New for Spinal Cord Injury in 2011" - Speakers Ralph Marino, M.D., "What is a Model System of Care and How Does It Affect Outcomes?," Itzhak Fischer, PhD, "SCI Basic Science Research Update," Mary Schmidt Read, PT, DPT, MS, "Therapeutic Technology Available for SCI," Alex Vaccaro, MD, "What is New in Acute SCI Reconstruction and Management (Results of the STASCIS Trial)," Julie Rece, RN, CWOCN/Evelyn Phillip, MS, RD, LDN, CDE, "Preventing SCI Complications," James Harrop, MD "The Latest in Clinical Trials," Jessica Rickard, CTRS/Bill Cawley, Rep of CDRF, "Lifetime Resources." Magee Rehabilitation Hospital, Philadelphia, PA, October 7, 2011.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Presenting “Topics in Acquired Brain Injury” - Speakers L. Fernando Gonzalez, M.D., “What’s New in Neurosurgical Interventions”, Mitchell Scheiman, O.D. “Visual Problems after Acquired Brain Injury,” Todd Lewis, PhD “Resiliency and Hope Following Traumatic Brain Injury,” Cate Door, MS, OTR/L “Canine Facilitated Therapy,” Mary Schmidt Read, MS, DPT “Activity Based Therapy and Therapeutic Technology for Person with ABI,” Land Brown, PhD/Joni Henderson, HelpHOPELive “Funding for the TBI Survivor-Creative and Traditional,” Dave Krych, MS-CCC-SLP “Post-Acute Rehabilitation and Community Re-engagement after TBI,” Magee Members “Case Study.” Magee Rehabilitation Hospital, Philadelphia, PA, October 5, 2012.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Presenting “Topics in Acquired Brain Injury” - Speakers L. Fernando Gonzalez, M.D., “What’s New in Neurosurgical Interventions”, Mitchell Scheiman, O.D. “Visual Problems after Acquired Brain Injury,” Todd Lewis, PhD “Resiliency and Hope Following Traumatic Brain Injury,” Cate Door, MS, OTR/L “Canine Facilitated Therapy,” Mary Schmidt Read, MS, DPT “Activity Based Therapy and Therapeutic Technology for Person with ABI,” Land Brown, PhD/Joni Henderson, HelpHOPELive “Funding for the TBI Survivor-Creative and Traditional,” Dave Krych, MS-CCC-SLP “Post-Acute Rehabilitation and Community Re-engagement after TBI,” Magee Members “Case Study.” Sands Hotel and Casino, Bethlehem, PA, November 2, 2012.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Presenting "Raising the Bar-Improving Quality in Healthcare," Jack Carroll, BA, MA, PhD., MHA "Everything You Didn't Want to Know About the Affordable Care Act," Lane Brown, PhD and Cheryl Kettinger, MJ, CHC, "Advocating Effectively for Rehabilitation: Getting to Yes," Sarah Myer, MSS, LSW, "Think Outside the Box: Creative Approaches to Complex Patient Discharges," Marci Ruediger, BSPT, MS and Michelle Marshina, OTD, OTR/L, "Chasing Zero-Safety and Performance Improvement in the Rehab Setting," Deborah Kucera, PT, MSPT and Meg Rider, BSW, "Best Practices for Creating and Sustaining Exceptional Patient Satisfaction," Robert Kautzman, EdD, MS, RN, "Whitewater Leadership Adventure." Magee Rehabilitation Hospital, Philadelphia, PA October 18, 2013.

The Tuttleman Family Foundation Presents Dr. Guy Fried Educational Seminar, Presenting "Raising the Bar-Improving Quality in Healthcare," Jack Carroll, BA, MA, PhD., MHA "Everything You Didn't Want to Know About the Affordable Care Act," Lane Brown, PhD and Cheryl Kettinger, MJ, CHC, "Advocating Effectively for Rehabilitation: Getting to Yes," Sarah Myer, MSS, LSW, "Think Outside the Box: Creative Approaches to Complex Patient Discharges," Marci Ruediger, BSPT, MS and Michelle Marshina, OTD, OTR/L, "Chasing Zero-Safety and Performance Improvement in the Rehab Setting," Deborah Kucera, PT, MSPT and Meg Rider, BSW, "Best Practices for Creating and Sustaining Exceptional Patient Satisfaction," Robert Kautzman, EdD, MS, RN, "Whitewater Leadership Adventure." The Woodlands, Wilkes Barré, November 15, 2013.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab After Trauma: Issues and Concerns," Priscilla Koutsouradis, BFA and Cynthia Hipszer, RN, MSN, CNML "Healthcare Policy Update," Todd Lewis, PhD and Brian Kucer, MD "Assessment and Management of the Complex Concussion," Lane Brown, PhD; Todd Lewis PhD; Amn Sandu, BS, MOT, OTR/L; Diane Phan, PT, DPT and Ashley Owens, MS, CCC-SLP "Case Study-Recovery after Severe Traumatic Brain Injury (TBI)," Mary Schmidt Read, PT, DPT, MS; Masako Suzuki, MSW, LSW, CCM; Colleen Sullivan, PT, DPT, NCS; Janice Schuld, MSN, CRNP, CPPN, ANP-BC "Case Study-Outcomes following a Traumatic Spinal Cord Injury (SCI); Mikhail Quisumbing, PT, DPT and Deborah Davis, PTA "Management of Individuals Post-Acute Amputation," Marci Ruediger, PT, MS "Crucial Complications: Preventing Harm and Promoting Health," Facilitated by Hank Skoczen "Healthcare Today; The Patient and Family Experience." Magee Rehabilitation Hospital, Philadelphia, PA October 17, 2014.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab After

Trauma: Issues and Concerns," Priscilla Koutsouradis, BFA and Cynthia Hipszer, RN, MSN, CNML "Healthcare Policy Update," Todd Lewis, PhD and Brian Kucer, MD "Assessment and Management of the Complex Concussion," Lane Brown, PhD; Todd Lewis PhD; Amn Sandu, BS, MOT, OTR/L; Diane Phan, PT, DPT and Ashley Owens, MS, CCC-SLP "Case Study-Recovery after Severe Traumatic Brain Injury (TBI)," Mary Schmidt Read, PT, DPT, MS; Masako Suzuki, MSW, LSW, CCM; Colleen Sullivan, PT, DPT, NCS; Janice Schuld, MSN, CRNP, CPPN, ANP-BC "Case Study-Outcomes following a Traumatic Spinal Cord Injury (SCI); Mikhail Quisumbing, PT, DPT and Deborah Davis, PTA "Management of Individuals Post-Acute Amputation," Marci Ruediger, PT, MS "Crucial Complications: Preventing Harm and Promoting Health," Facilitated by Hank Skoczen "Healthcare Today; The Patient and Family Experience." Sands in Bethlehem, PA November 21, 2014.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Maximizing Outcomes after SCI and BI," Christopher Formal, MD and Mary Schmidt Read, PT, DPT, MS, "Spinal Cord Injury Update," Mary Schmidt Read, PT, DPT, MS "What is a Model System of Care and How Does it Affect Outcomes?", Marci Ruediger, BSPT, MS, "Specialized SCI Medical Home; James Gibson, RRT, BS, "Respiratory Care for the Neurologic Patient", Sarah Lantz, MA, CCC-SPL, "Evidenced Based Approaches for Cognitive Rehabilitation," Lane Brown, PhD and Trish Hicks, LSW, MSW, M.Ed, "Planning for 24 Hour Support after Brain Injury." Sheraton Philadelphia Downtown Hotel, October 2, 2015.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Maximizing Outcomes after SCI and BI," Christopher Formal, MD and Mary Schmidt Read, PT, DPT, MS, "Spinal Cord Injury Update," Mary Schmidt Read, PT, DPT, MS "What is a Model System of Care and How Does it Affect Outcomes?", Marci Ruediger, BSPT, MS, "Specialized SCI Medical Home; James Gibson, RRT, BS, "Respiratory Care for the Neurologic Patient," Sarah Lantz, MA, CCC-SPL, "Evidenced Based Approaches for Cognitive Rehabilitation," Lane Brown, PhD and Trish Hicks, LSW, MSW, M.Ed, "Planning for 24 Hour Support after Brain Injury." Sands Bethlehem, Bethlehem, November 13, 2015.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab after Trauma: Hope and Healing," Christopher Formal, MD and Brian Kucer, MD, "Predicting Outcome after Catastrophic Injury," Marissa Montenegro, BA, "#SocialMediaEtiquette: The Do's and Don'ts of Social Media for Healthcare Workers," Todd Lewis, PhD; Ashley Loftus, MSW, LSW, "Creating a Culture of Hope: A Focus on the Caregiver," Amy Bratta, PT, DPT; Julianne Rece, MSN, RN, CRRN, CWOCN; Marci Ruediger, PT, MS; Holly Stevens, RD, LDN, CNSC, "Never give up! Innovations to Stop Pressure Ulcers," Trisha Hicks, LSW, M.Ed, "To Life! Sexuality after Disability." Magee Rehabilitation Hospital, Philadelphia, PA, October 14, 2016.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab after Trauma: Hope and Healing," Christopher Formal, MD and Brian Kucer, MD, "Predicting Outcome after Catastrophic Injury," Marissa Montenegro, BA, "#SocialMediaEtiquette: The Do's and Don'ts of Social Media for Healthcare Workers," Todd Lewis, PhD; Ashley Loftus, MSW, LSW, "Creating a Culture of Hope: A Focus on the Caregiver," Amy Bratta, PT, DPT; Julianne Rece, MSN, RN, CRRN, CWOCN; Marci Ruediger, PT, MS; Holly Stevens, RD, LDN, CNSC, "Never give up! Innovations to Stop Pressure Ulcers," Trisha Hicks, LSW, M.Ed, "To Life! Sexuality after Disability." Sands Bethlehem, Bethlehem, November 18, 2016.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab after Trauma: Hope and Healing," Angela Luciani, RD, LDN, "Long-term Nutritional Considerations after Spinal Cord Injury/Traumatic Brain Injury," SaraKay Smullens, MSW, LCSW, ACSW, BCD, CGP, CFLE, "From Compassion Fatigue to Compassion Satisfaction: A Concentration on the Development of a Reliable Emotional Sense of Direction," Richard J. Pacitti Jr., Pharm D, MBA, FASHP, "Best Efforts to Control Excessive Narcotic Prescribing and Use," Lane Brown, PhD, "A Whole New Life: Supporting Families

Coping with Brain Injury," Elizabeth Watson, PT, DPT, NCS, "Exoskeletons: What's New?," Lane Brown, PhD and Kirsten Ondich, MS, OTR/L, Christina Rinehimer OTR/L, "The Impact of a Facility Dog Program in a Rehabilitation Setting." Sands Bethlehem, Bethlehem, October 27, 2017.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Rehab after Trauma: Hope and Healing," Angela Luciani, RD, LDN, "Long-term Nutritional Considerations after Spinal Cord Injury/Traumatic Brain Injury," SaraKay Smullens, MSW, LCSW, ACSW, BCD, CGP, CFLE, "From Compassion Fatigue to Compassion Satisfaction: A Concentration on the Development of a Reliable Emotional Sense of Direction," Richard J. Pacitti Jr., Pharm D, MBA, FASHP, "Best Efforts to Control Excessive Narcotic Prescribing and Use," Lane Brown, PhD, "A Whole New Life: Supporting Families Coping with Brain Injury," Elizabeth Watson, PT, DPT, NCS, "Exoskeletons: What's New?," Lane Brown, PhD and Kirsten Ondich, MS, OTR/L, Christina Rinehimer, OTR/L, "The Impact of a Facility Dog Program in a Rehabilitation Setting." Sheet Metal Workers Hall, Philadelphia, PA, November 17, 2017.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Successful Reintegration after Trauma: Overcoming Barriers," Karen Fried, MSN, RN, CRRN and Mary Schmidt Read, PT, DPT, MS, FASIA, "Comprehensive Medical Follow Up," Lisa Bitton, OTR/L, CWCE, CLT, OBT and Julie Coté, PT, MPT, OCS, COMT, "A Therapeutic Approach to Pain Management," Jessica Doran, CTRS and Natalie Pondok, MS, OTR/L "How to Create a Smart Home Environment for Individuals with Disabilities," Laurajean Kudatzky, PT, DPT, ATP, CWS and Julianne Rece MSN, RN, CRRN, CWOCN "Seeing the Big Picture: Optimizing Wound Care Management," Catherine M. Furman, MS, OTR/L and Melissa Katz, MS, CCC-SLP and Todd M. Lewis, PhD, Addressing Neurocognitive Impairments in the Continuum of Care, Mark Chilutti, CFRE, Triumph after Tragedy: A Survivors Perspective." Penn's Landing Caterers, Philadelphia, PA, October 11, 2018.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Successful Reintegration after Trauma: Overcoming Barriers," Karen Fried, MSN, RN, CRRN and Mary Schmidt Read, PT, DPT, MS, FASIA, "Comprehensive Medical Follow Up," Lisa Bitton, OTR/L, CWCE, CLT, OBT and Julie Coté, PT, MPT, OCS, COMT, "A Therapeutic Approach to Pain Management," Jessica Doran, CTRS and Natalie Pondok, MS, OTR/L "How to Create a Smart Home Environment for Individuals with Disabilities," Laurajean Kudatzky, PT, DPT, ATP, CWS and Julianne Rece MSN, RN, CRRN, CWOCN "Seeing the Big Picture: Optimizing Wound Care Management," Catherine M. Furman, MS, OTR/L and Melissa Katz, MS, CCC-SLP and Todd M. Lewis, PhD, Addressing Neurocognitive Impairments in the Continuum of Care, Mark Chilutti, CFRE, Triumph after Tragedy: A Survivors Perspective." Sands, Bethlehem, November 8, 2018.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Current Issues in Rehabilitation," Chelsea Hackman, MSW, LSW; Melissa Katz, MS, CCC-SLP; Ranit Lieberman, PT; Julie Nolan, MA. Katherine Vojtko, Psy.D; "Interdisciplinary Care of Patients with Neurologically Involved Cancer,"; Sarah Myer, MSS, LSW; Marci Ruediger, PT, MS, "Invite the Patient to be a Part of the Team: Shared Decision Making and Patient Engagement; Trisha Hicks, LSW; Damon Stango, MS; "Affirmative Healthcare for Transgender Patients," Dr. Siva Meiyeppen, OD; Natalie Collins, MS, OTR/L; Paula Bonsall, MS; "Vision: Where Medical Meets Function," Penn's Landing Caterers, Philadelphia, PA, October 10, 2019.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting "Current Issues in Rehabilitation," Chelsea Hackman, MSW, LSW; Melissa Katz, MS, CCC-SLP; Ranit Lieberman, PT; Julie Nolan, MA. Katherine Vojtko, Psy.D; "Interdisciplinary Care of Patients with Neurologically Involved Cancer,"; Sarah Myer, MSS, LSW; Marci Ruediger, PT, MS, "Invite the Patient to be a Part of the Team: Shared Decision Making and Patient Engagement; Trisha Hicks, LSW; Damon Stango, MS; "Affirmative Healthcare for Transgender Patients," Dr. Siva Meiyeppen, OD; Natalie Collins, MS, OTR/L; Paula Bonsall, MS; "Vision: Where Medical Meets Function," Wind Creek, Bethlehem, November 15, 2019.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Sex Education in the Rehab Setting,” Trisha Hicks, MSW, LSW and Gina Cooke; Virtual Conference, November 17, 2020.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Racial and Social Justice in Healthcare,” Emily Hurster, MSS, MLSP, LSW and Sarah Brady, MSW, LSW; Virtual Conference, December 16, 2020.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Rehab Readiness,” Lane Brown, PhD; Virtual Conference, January 14, 2021.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “What’s New in Stroke Rehabilitation,” Dr. Barbara Browne, MD; Virtual Conference, March 18, 2021.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Rehabilitation after COVID 19,” Paula Bonsall; Virtual Conference, April 14, 2021.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “From Knowledge to Practice: Assessing Racial Bias in Healthcare,” Trisha Hicks, LSW, M.Ed. and Emily Hurster, MSS, MLSP, LSW; Virtual Conference, December 15, 2021.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “After Traumatic Brain Injury: Strategies for Effective Treatment and Team/Family Communication,” Lane Brown, PhD. and Brian Kucer, MD; Virtual Conference, January 26, 2022.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Spinal Cord Injury Update,” Christopher Formal, MD; Virtual Conference, March 24, 2022.

The Tuttleman Family Foundation Presents Dr. Guy Fried Education Seminar, Presenting “Therapeutic Technology for Persons with SCI and other Neurologic Dysfunction,” Elizabeth Watson, PT, DPT, NCS; Virtual Conference, April 5, 2022.

## **REFERENCES:**

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