

**Active Research Projects – July 2022**  
**(Version 7/25/2022)**

**TECHNOLOGY & DATA SCIENCE RESEARCH**

**Project# 674**

**IRBNet# 830191**

**LiveWell RERC R1. Discovery of User Needs and Preferences for Information and Communication**

**Technologies: Priority Needs and Access Issues (Mike Jones, PHD, John Morris, PHD)**

**Sponsor: NIDILRR**

**Project# 678**

**IRBNet# 856262**

**LiveWell RERC: Tech Factory (John Morris, PHD)**

**Sponsor: NIDILRR**

**Project# 731 – NR**

**IRBNet# 1097300**

**Usability Lab: Accessibility User Research Collective (John Morris, PHD)**

**Sponsor: Microsoft Corporation**

**Project# 791 – NR**

**IRBNet# 1483433**

**Usability Testing (John Morris, PHD)**

**Sponsor: Samsung**

**Project# 803 – Exempt Research**

**IRBNet# 1533647**

**Disability and Rehabilitation Research Project (DRRP): App Factory (Michael Jones, PHD)**

**Sponsor: NIDILRR**

**Project# 808 – Exempt Research**

**IRBNet# 1562714**

**RERC on Mobile Rehabilitation: Clinician Perceptions on Use of Information and Communication Technologies to Support Home-Based Therapy and Exercise (Mike Jones, PHD)**

**Sponsor: NIDILRR**

**Project# 828 – Exempt Research**

**IRBNet# 1678841**

**Usability Lab: Technology Access Feedback for Intel (John Morris, PHD)**

**Sponsor: Intel**

**Project# 836**

**IRBNet# 1702528**

**The Learning Health System: Applying Advanced Analytics to Rehabilitation Care - An Exploratory Study (George Collier, PHD)**

**Project# 845 - NR**

**IRBNet# 1752930**

**LinkedIn Usability Feedback (John Morris, PHD)**

**Sponsor: LinkedIn**

**Project# 884**  
**IRBNet# 1884046**  
**User Testing of MagTrack Motion Tracking Inertial Measurement Electronics Controller**  
(John Morris, PHD)  
**Sponsor: Georgia Research Alliance**

**Project# 886 - NR**  
**IRBNet# 1898687**  
**UX Lab 3rd Party Market Research Vendors - Umbrella Protocol** (John Morris, PHD)  
**Sponsor: Multiple Commercial Sponsors**

**Project# 890 - NR**  
**IRBNet# 1917081**  
**UX Lab: McDonald's User-Centered Research– Umbrella Protocol** (John Morris, PhD)  
**Sponsor: McDonald's Corporation**

**Project# 894 – NR**  
**IRBNet# 1942683**  
**UX Lab: Roku Screen Reader Survey**  
**Sponsor: Roku**

**Number of Studies in Section: 13**

### **MULTIPLE SCLEROSIS RESEARCH**

**Project# 552**  
**IRBNet# 261795**  
**A Randomized, Double-Blind, Double-Dummy, Parallel-Group Study to Evaluate the Efficacy and Safety of Ocrelizumab in Comparison to Interferon Beta-1a (Rebif®) in Patients with Relapsing Multiple Sclerosis - Genentech current protocol WA21092 (OPERA)** (Ben Thrower, MD)  
**Sponsor: Genentech**

**Project# 706**  
**IRBNet# 1008745**  
**An Open-Label, Single-Arm Study to Evaluate the Effectiveness and Safety of Ocrelizumab in Patients with Early- Stage Relapsing Remitting Multiple Sclerosis (Protocol # MA30143)** (Ben Thrower, MD)  
**Sponsor: F. Hoffman-La Roche LTD**

**Project# 733**  
**IRBNet# 1122878**  
**Validation of a Fall Prevention Program among Non-Ambulatory Wheeled Mobility Device Users with Multiple Sclerosis** (Deborah Backus, PT, PHD)  
**Sponsor: National MS Society**

**Project# 738**  
**IRBNet# 1130891**  
**Comparative Effectiveness of an Exercise Intervention Delivered via Telerehabilitation and Conventional Mode of Delivery** (Deborah Backus, PT, PHD)  
**Sponsor: PCORI**

**Project# 776**

**IRBNet# 1371420**

**Pilot Study Evaluating Functional and Wellness Outcomes of the Shepherd Can Do MS Program**

(Deborah Backus, PT, PHD)

**Sponsor: Genzyme Corporation**

**Project# 781**

**IRBNet# 1435240**

**Feasibility of the Multiple Sclerosis Performance Test for Assessment of Functional Performance**

**Measures in Patients with Multiple Sclerosis (Deborah Backus, PT, PHD)**

**Sponsor: Biogen**

**Project# 794**

**IRBNet# 1486979**

**An Observational Study of Ocrelizumab -Treated Patients with Multiple Sclerosis to Determine the Incidence and Mortality Rates of Breast Cancer and All Malignancies (Ben Thrower, MD)**

**Sponsor: F. Hoffman-La Roche LTD**

**Project# 801**

**IRBNet# 1523467**

**Qualitative Evaluation of the STEP for MS Trial (Deborah Backus, PT, PHD)**

**Project# 811**

**IRBNet# 1583172**

**Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Trial of the Efficacy and Safety of Nabiximols Oromucosal Spray as Add-on Therapy in Patients with Spasticity Due to Multiple Sclerosis (Ben Thrower, MD)**

(Ben Thrower, MD)

**Sponsor: GW Pharma**

**Project# 812**

**IRBNet# 1595132**

**An Open-Label, Multicenter Study to Assess Disease Activity and Biomarkers of Neuronal Damage in Minority Patients with Relapsing Multiple Sclerosis Receiving Treatment with Ocrelizumab (CHIMES)**

(Ben Thrower, MD)

**Sponsor: Genentech, Inc.**

**Project# 852**

**IRBNet# 1779895**

**A Phase 1, Dose-Escalating, Open-label Study to Evaluate the Safety, Tolerability, and Exploratory Efficacy of Single Dose of IV IMS001 in Subjects with Multiple Sclerosis and Treatment Failure to Prior Disease Modifying Treatments (DMTs) - Protocol IMS001-01 (Ben Thrower, MD)**

**Sponsor: ImStem Biotechnology**

**Project# 853**

**IRBNet# 1782910**

**Safety, Feasibility, and Usability of Tele-exercise with BurnAlong in Persons with Multiple Sclerosis: a Pilot Study (Deborah Backus, PT, PHD)**

**Project# 863**

**IRBNet# 1829230**

**Multiple Sclerosis (MS) Self-management Program (Louise Palmer, MS)**

**Project# 872**  
**IRBNet# 1851081**  
**CorEvitas SPHERES (Synergy of Prospective Health & Experimental Research for Emerging Solutions) Registry for Neuromyelitis Optica Spectrum Disorder (NMOsD)**  
(Jacqueline Rosenthal, MD)  
**Sponsor: CorEvitas**

**Project# 874**  
**IRBNet# 1855870**  
**Pilot Study to Validate Assessment of Fatigue using Wearable Inertial Measurement Unit Sensors**  
(Brad Willingham, PHD)

**Project# 875**  
**IRBNet# 1855872**  
**Developing an Integrated Remote Monitoring System to Inform the Calibration of Rehabilitation and Exercise Interventions for People with Multiple Sclerosis** (Brad Willingham, PHD)

**Project# 887**  
**IRBNet# 1875650**  
**A Phase IIa, Open-label, Multicentre Dose-Finding Trial in Patients with Relapsing Forms of Multiple Sclerosis (RMS) to Evaluate the Safety, Tolerability and Preliminary Efficacy of EHP-101** (Jacqueline Rosenthal, MD)  
**Sponsor: Emerald Health Pharmaceuticals, Inc.**

**Project# 888**  
**IRBNet# 1897818**  
**A Therapeutic Experience Program (TEP) Study Assessing Adherence to On Label PoNS® Therapy for Improvement of Gait in People with Multiple Sclerosis (MS) in a Real-World Clinical Setting**  
(Deborah Backus, PT, PHD)  
**Sponsor: Helius Medical Technologies**

**Number of Studies in Section: 18**

### **SPINAL CORD INJURY RESEARCH**

**Project# 446**  
**IRBNet# 120672**  
**A Phase 1 Safety Study of GRNOPCI in Patients with Neurologically Complete, Subacute, Spinal Cord Injury** (David Apple, MD)  
**Sponsor: Lineage Cell Therapeutics**

**Project# 614**  
**IRBNet# 557926**  
**Indego Generation Two Fit and Functionality** (David Apple, MD)  
**Sponsor: Parker Hannifin**

**Project# 640**  
**IRBNet# 680039**  
**A Long-Term Follow-up Study of Subjects with Cervical Spinal Cord Injuries Who Received AST- OPC1 in Protocol AST-OPC1-01 Asterias AST-OPC1-02** (Donald Peck Leslie, MD)  
**Sponsor: Lineage Cell Therapeutics**

**Project# 729**  
**IRBNet# 1096982**  
**Improving Quality of Personal Care Assistance Services for People with SCI through Online Education**  
(John Morris, PHD)  
**Sponsor: NIDILRR**

**Project# 762**  
**IRBNet# 1285044**  
**Random Noise Stimulation to Enhance Corticomotor Drive for Improved Hand Function**  
(Anastasia Zarkou, PT, PHD)  
**Sponsor: Craig H. Nielsen Foundation**

**Project# 779**  
**IRBNet# 1405806**  
**A Multicenter, Two Part (Open-Label Single-Ascending Dose Followed by Double-Blind, Placebo-Controlled Repeat Dose) Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Efficacy of AXER-204 in Subjects with Chronic Spinal Cord Injury (the RESET\* Study)**  
(Donald Peck Leslie, MD)  
**Sponsor: ReNetX Bio, Inc.**

**Project# 805**  
**IRBNet# 1552572**  
**Tracking Activity to Improve the Prognosis of Mobility After Spinal Cord Injury**  
(Edelle Field-Fote, PHD)

**Project# 813**  
**IRBNet# 1610332**  
**Antecedents, Consequences, and Interventions for Travel Participation after SCI**  
(Edelle Field-Fote, PHD)  
**Sponsor: University of Indiana**  
**(Craig H. Nielsen Foundation)**

**Project# 825**  
**IRBNet# 1679988**  
**Clinical Assessment of Upper Extremity Performance in Individuals with Spinal Cord Injury Using the LIFT System to Deliver Non-Invasive Electrical Spinal Stimulation (ARC Therapy)**  
(Edelle Field-Fote, PHD)  
**Sponsor: ONWARD Medical, Inc.**

**Project# 843**  
**IRBNet# 1743215**  
**A Randomized, Double-Blind, Placebo-Controlled Proof of Concept Study to Assess the Safety and Efficacy of Elezanumab in Acute Traumatic Cervical Spinal Cord Injury (Michael Yochelson, MD)**  
**Sponsor: Abbvie**

**Project# 848**  
**IRBNet# 1756739**  
**A Phase 2a, Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy and Safety of MT-3921 in Subjects with Acute Traumatic Cervical Spinal Cord Injury. Protocol #MT-3921- A01**  
(Donald Peck Leslie, MD)  
**Sponsor: Mitsubishi Tanabe Pharma Development America Inc.**

**Project# 849**  
**IRBNet# 1760876**  
**Single-group Pretest-Posttest Study of "Shepherd's Get Your Verve Back" Virtual Wellness and Leisure Program (Jenny DiLaura)**

**Project# 851**  
**IRBNet# 1778550**  
**Neuromodulation of spinal circuits: effects on spasticity, nociception, and motor activation (Edelle Field-Fote, PHD)**

**Project# 856**  
**IRBNet# 1804592**  
**SCI Model Systems of Care Data Collection and Transmission (Edelle Field-Fote, PHD)**  
**Sponsor: NIDILRR**

**Project# 864**  
**IRBNet# 1819580**  
**Scale Up Trial of Project WOWii to Increase Exercise among People with Spinal Cord Injury (SCI) (Michael Jones, PHD)**  
**Sponsor: NIDILRR**

**Project# 865**  
**IRBNet# 1828710**  
**The use of Interface Pressure Mapping in Cushion Prescription (Chris Mauer, PT, MPT)**

**Project# 867**  
**IRBNet ID# 1833741**  
**Discovery of Biomarker Signatures Prognostic for Neuropathic Pain after Acute Spinal Cord Injury (BSCIP) Protocol Number: HSC-MS-19-0258 (Faiz Ahmad, MD)**

**Project# 868**  
**IRBNet# 1833729**  
**Systemic Hypothermia in Acute Cervical Spinal Cord Injury A Prospective, Multi-center Case Controlled Study (David Gimbel, MD)**  
**Sponsor: DOD**

**Project# 869**  
**IRBNet# 1829897**  
**Retrospective analysis of the treatment of BPPV in persons with sub-acute spinal cord injury in an inpatient setting (Ryan Koter, DPT)**

**Project# 876**  
**IRBNet# 1859869**  
**Safety and performance assessment of the LIFT System when used to support home-based upper extremity training in individuals with spinal cord injury (DOC2530 - LIFT Home Study) (Edelle Field-Fote, PHD)**  
**Sponsor: ONWARD Medical, Inc.**

**Project# 877**

**IRBNet# 1842303**

**SCIMS Site Specific Project: Activating Spinal Circuits to Improve Walking, Balance, Strength, and Reduce Spasticity (Edelle Field-Fote, PHD)**

**Sponsor: NIDILRR**

**Project# 883**

**IRBNet# 1885502**

**Evaluating the Effectiveness of Brain Health Training for Individuals with SCI/ TBI and their Family Members (Brick Johnstone, PHD)**

**Number of Studies in Section: 22**

### **CONCUSSION, TRAUMATIC/ACQUIRED BRAIN INJURY RESEARCH**

**Project# 695**

**IRBNet# 953445**

**Characterization of Post-Concussive Vestibular Impairment Brain Structural and Functional Connectivity Dysfunction and the Impact of Vestibular Rehabilitation (Russell Gore, MD)**

**Project# 773**

**IRBNet# 1344883**

**Magnetic Resonance Spectroscopy Applications in Disorders of Consciousness (MRS for DoC) (Shepherd PI; Andrew Dennison, MD, Emory PI: Candace Fleischer, PHD)**

**Project# 782**

**IRBNet# 1434952**

**Rehabilitation Pathways after Concussion: Understanding Management of Cognitive Communication Complaints (Tracey Wallace, CCC-SLP)**

**Project# 785**

**IRBNet# 1457709**

**tDCS Paired with Exercise and Attention Training Compared with Exercise Alone with Attention Training for TBI (April Hodge, PT)**

**Project# 786**

**IRBNet# 1454512**

**SUCCESS: Success in College after Concussion with Effective Student Supports (Tracey Wallace, CCC-SLP)**

**Project# 790 – Exempt Research**

**IRBNet# 1479195**

**Veteran Goal Directed Comprehensive Care Outcomes in Chronic Mild Traumatic Brain Injury (Tracey Wallace, CCC-SLP)**

**Project# 810**

**IRBNet# 1603621**

**Rehabilitation Pathways after Concussion: A Retrospective Chart Review of Referral for Cognitive-Communication Services (Tracey Wallace, CCC-SLP)**

**Project# 826**  
**IRBNet# 1680496**  
**Documenting the General Effectiveness of Recreational Therapy Services for Individuals with Acquired Brain Injury (Brick Johnstone, PHD)**

**Project# 827**  
**IRBNet# 1680644**  
**Shepherd Center Foundation to Advance Brain Rehabilitation Post-Acute Rehabilitation Outcome Study (Brick Johnstone, PHD)**

**Project# 833**  
**IRBNet# 1702962**  
**Improving Access to Comprehensive TBI Treatment for Military Veterans and Service Members with Co-occurring Substance Use (Russell Gore, MD)**

**Project# 835**  
**IRBNet# 1701690**  
**A Randomized Trial to Compare Effectiveness of Two Interventions for Caregivers of Patients with Acquired Brain Injury (Mike Jones, PHD)**  
**Sponsor: NIDILRR**

**Project# 841**  
**IRBNet# 1729516**  
**Documenting the General Effectiveness of Chaplaincy Services for Individuals with Chronic Disabilities (Brick Johnstone, PHD)**

**Project# 842**  
**IRBNet# 1729688**  
**Evaluating the Effectiveness of a Least Restrictive Restraint Training Program for Individuals with ABI (Brick Johnstone, PHD)**

**Project# 846**  
**IRBNet# 1756486**  
**Drive Safe: Driving Safety in Adolescents and Young Adults after Concussion (Russell Gore, MD)**  
**Sponsor: Andee's Army Brain and Spinal Cord Foundation**

**Project# 857**  
**IRBNet# 1804339**  
**Documenting Relationships Between Satisfaction with Telehealth Services and Rural/Urban Status for Individuals with Chronic Disabilities (Brick Johnstone, PHD)**

**Project# 862**  
**IRBNet# 1828705**  
**Altered Central Multisensory Processing in Post-concussion Vestibular Dysfunction (Russell Gore, MD)**  
**Sponsor: NIH**

**Project# 866**  
**IRBNet# 1825225**  
**Reading Self-Efficacy in College Students With Concussion (Katie O'Brien)**



**Project# 873**

**IRBNet# 1833854**

**The Application of BCVI Screening Criteria to Post-Acute Patients with Traumatic Brain Injury**

(Yevgeniya Sergeyenko, MD, MPH)

**Project# 892**

**IRBNet# 1923102**

**BCVI Screening Practices of Acute Care Hospitals in Shepherd Center's Catchment**

(Yevgeniya Sergeyenko, MD, MPH)

**Number of Studies in Section: 19**

### **PAIN MANAGEMENT RESEARCH**

**Project# 855**

**IRBNet# 1802660**

**Radiofrequency (RF) Ablation Prospective Outcomes Study (RAPID)**

(Erik Shaw, DO)

**Sponsor: Boston Scientific**

**Project# 861**

**IRBNet# 1826705**

**Patient Retrospective Outcomes (PRO) Clinical Investigation Plan (Erik Shaw, DO)**

**Number of Studies in Section: 2**

### **CROSS & INTERDISCIPLINARY RESEARCH**

**Project# 701**

**IRBNet# 982013**

**Shepherd Center Neuropsychology Data Registry Research Protocol**

(Kristian Nitsch, PHD)

**Project# 834**

**IRBNet# 1702817**

**Day-to-Day Experiences of People Using Indwelling Catheters and How They Manage Their Bladder Health**

(Shepherd PI: Pete Anziano, External PI: (Jared Meyers)

**Project# 870**

**IRBNet# 1836481**

**Validation of a Neuropsychological Model of "Disorders of the Self"**

(Brick Johnstone, PHD)

**Project# 871**

**IRBNet# 1848326**

**Evaluation of Oscillation and Lung Expansion (OLE) Using the Volara® System for the Treatment of Respiratory Complications in Patients with Neuromuscular Disease in the Home Setting (Phillip Wexler, MD)**

**Sponsor: Hill-Rom (Science37)**

**Project# 878 - Exempt**

**IRBNet# 1871712**

**Experience and Perceptions of the Talent Development Environment Questionnaire for Athletes with Physical Disabilities (Andrew Corbett)**

**Project# 879**

**IRBNet# 1800118**

**Internal Consistency of the Functional Impact Tool for Mobility Devices (Mandy McDonald, OTL)**

**Project# 880 – Exempt**

**IRBNet# 1876298**

**Disinformation, neutrality, the hospital library and the paradox of it all (Jessica Callaway, MLIS)**

**Number of Studies in Section: 7**

**Total Number of Studies: 81**