Johns Hopkins University

Site Director: Ryan Roemmich, PhD
Contact: rroemmi1@jhmi.edu
Location: 600 N. Wolfe Street, Phipps 198, Baltimore, MD 21287
https://www.hopkinsmedicine.org/physical_medicine_rehabilitation/

RREMS Mentors: Preeti Raghavan, MD; Ryan Roemmich, PhD; Stephen Wegener, MA, PhD; Stacy Suskauer, MD

Research Areas: Projects may include muscle stiffness in CNS disorders, gait or movement analysis in neurologic populations, artificial intelligence applications for rehabilitation, prevention of chronic back pain through behavioral interventions, pediatric TBI and concussion.

COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.

Michigan Medicine/University of Michigan

Site Director: Melanie Devine
Contact: 734-936-7175 or devineme@umich.edu
Location: 325 E. Eisenhower Pkwy, Ann Arbor, MI 48108
https://medicine.umich.edu/dept/physical-medicine-rehabilitation

RREMS Mentors: Walter Alomar-Jimenez, MD, Assistant Professor, Dept of PMR

Research Areas: Studies of Medical Outcomes in adults with Cerebral Palsy. Other areas available.

COVID Restrictions: We can host students from anywhere in the US.

New York Presbyterian/Columbia and Cornell

Site Director: Scott Barbuto, MD, PhD
Contact: sb3779@cumc.Columbia.edu or 212-305-8594
Location: 180 Fort Washington Ave, New York, NY 10032
https://www.cuimc.columbia.edu/rehab/research/clinical-research and
https://rehabmed.weill.cornell.edu/research

RREMS Mentors: Scott Barbuto, MD, PhD; Assistant Professor of Rehabilitation and Regenerative Medicine at CUIMC; Sb3779@cumc.Columbia.edu
Joan Stilling, MD, MS; Assistant Professor Weill Cornell Medicine Rehabilitation Medicine; 525 E. 68th Street | Baker Pavilion, F-1600 New York, NY 10065 T: 212-746-0553; qsi9001@med.cornell.edu

Research Areas: Dr. Barbuto at Columbia University has several projects on the impact of aerobic exercise and other training modalities on neurological diseases. Dr. Joan Stilling as Weill Cornell has a group that focuses on implementation of rehabilitation technologies into the clinical space. Specifically, we have projects assessing: Wearable textiles for post-stroke hand edema, Non-invasive brain stimulation for post-stroke fatigue and motor recovery, Visuomotor adaptation training with a novel motor imaging/mirror therapy device.

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Ohio State University

Site Director: Ceren Yarar-Fisher

Contact: ceren.yarar-fisher@osumc.edu

Location: 2167 Dodd Rehabilitation Hospital, 480 Medica Center Drive, Columbus OH 43210

https://medicine.osu.edu/departments/physical-medicine-rehabilitation

RREMS Mentors: Ceren Yarar-Fisher, Ph.D., Associate Professor; Lise Worthen-Chaudhari, Ph.D., Assistant Professor; Jennifer Bogner, Ph.D., Professor

Research Areas: Ohio State PM&R department has three NIH-funded researchers (Drs. Ceren Yarar-Fisher, Jennifer Bogner, and Lise Worthen-Chaudhari) with active clinical trials focusing on neuromotor control, cancer rehabilitation, and spinal cord injury care.

COVID Restrictions: We can host students from anywhere in the US.

Penn State Health

Site Director: Natasha Romanoski, DO

Contact: 717-531-7010 or NRomanoski@pennstatehealth.psu.edu

Location: 500 University Drive, Mail Code HP 28, Hershey, PA 17033

https://residency.med.psu.edu/programs/physical-medicine-and-rehabilitation-residency/

RREMS Mentor: Thiru Annaswamy, MD, Professor and Chair PM&RCOVID

Research Areas: Diet and exercise interventions to treat peripheral arterial disease, Electronic spinal cord injury education to improve QOL, virtual reality applications in rehabilitation, telehealth and pain management, qualitative research on understanding unmet needs in disability competencies in medical education, systematic reviews in filling knowledge gaps in rehabilitation research, outcomes research in stroke, brain injury and spinal cord injury rehabilitation.
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.

Shirley Ryan AbilityLab/ Northwestern University
Site Director: Leslie Rydberg, MD
Contact: 312-238-2907 or lrydberg@sralab.org
Location: 355 E. Erie, Chicago, IL 60611
https://www.feinberg.northwestern.edu/sites/pmr/
RREMS Mentors: Prakash Jayabalan, MD, PhD, Assistant Professor of PM&R
Research Areas: Shoulder pain, covid rehabilitation, arthritis
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.

University of Kansas Medical Center
Site Director: John Alm
Contact: (913) 588-6777 or jalm@kumc.edu
Location: MS 1046, 3901 Rainbow Blvd, Kansas City KS 66160
https://www.kumc.edu/school-of-medicine/academics/departments/physical-medicine-and-rehabilitation.html
RREMS Mentors: John Alm, DO, MHA, Interim Vice Chair, Program Director PM&R Residency; Neil Segal, MD, Professor
Research Areas: We currently have a resident research track that develops and cultivates original research within the department, with one resident per year. Each resident has a several ongoing research projects that we can integrate a medical student into. For July 2021 – June 2022, our faculty, fellows, and residents have had 23 publications, 32 presentation & posters accepted, and have contributed to 12 textbook chapters. The first RO1 was awarded to the Department in 2016. NIH funded studies are underneath the department research umbrella with plans for future recruitment that will further improve the department’s NIH national ranking.
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.
University of Minnesota
Site Director: Brionn Tonkin, MD
Contact: 612-626-4913 or tonki018@umn.edu
Location: 420 Delaware Street SE, MMC 297, Minneapolis, MN 55455
https://med.umn.edu/rehabmedicine
RREMS Mentors: Leslie Morse, Professor; Ricardo Battaglino, Professor
Research Areas: Spinal cord injury, bone metabolism/health, possibly sports medicine
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.

University of Missouri
Site Director: W. David Arnold, MD
Contact: 573-884-2924 or wdavidarnold@health.missouri.edu
Location: 1030 Hitt Street, Columbia, MO 65202
https://precisionhealth.missouri.edu/
https://medicine.missouri.edu/departments/physical-medicine-and-rehabilitation/faculty
RREMS Mentor: W. David Arnold, MD, Executive Director, NextGen Precision Health; Professor Department of PM&R
Research Areas: Preclinical lab experience in neuromuscular, aging, rehabilitation research
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.

University of Pittsburgh
Site Director: Brad Dicianno, MD
Contact: 412-822-3691 or dicianno@pitt.edu
Location: 6425 Penn Avenue, Pittsburgh, PA 15206
www.rehabmedicine.pitt.edu
RREMS Mentors: See website. Many options for mentors are available.
Research Areas: See website for research interests of faculty.
COVID Restrictions: We require proof of vaccination from all students.
University of Southern California

Site Director: Kristan Leech

Contact: kristanl@usc.edu

Location: 1540 Alcazar Rd, Los Angeles, CA 90033

https://pt.usc.edu

RREMS Mentors: Kristan Leech, Assistant Professor

Research Areas: The Gait Rehabilitation and Motor Learning Lab is an interdisciplinary lab housed in the Division of Biokinesiology and Physical Therapy at USC. We are researchers and clinician-scientists with diverse academic backgrounds that span systems neuroscience, biomechanics, engineering, and physical therapy. Our primary research goals are to – (1) develop innovative, effective approaches to gait rehabilitation in individuals with neurologic injury and translate these results into practical clinical interventions; (2) understand the impact of cognitive dysfunction on an individual’s ability to learn a new movement. Students engaged in summer externships in our lab will have the opportunity to contribute to projects that are related to the study of walking, how people learn to walk again after an injury to their nervous system, and the development of optimal rehabilitation interventions to promote the recovery of walking.

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