Columbia University Medical Center

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.vagelos.columbia.edu/departments-centers/rehabilitation-and-regenerative-medicine

RREMS Mentors: Scott Barbuto, MD, PhD; Assistant Professor of Rehabilitation and Regenerative Medicine at CUIMC; Sb3779@cumc.Columbia.edu

Research Areas: We are exploring the impact of aerobic exercise on neurological diseases. Current projects include stroke patients and those with spinocerebellar ataxia.

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

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.

Other: The elective registrar fee for external students is covered by the department.

Michigan Medicine/University of Michigan

Site Director: Kori Rothman, DO

Contact: krothman@med.umich.edu

Location: 325 E. Eisenhower Pkwy, Ann Arbor, MI 48108

https://medicine.umich.edu/dept/physical-medicine-rehabilitation
2024 RREMS Mentors

RREMS Mentors: Whitney, Daniel, PhD, Assistant Professor, Physical Medicine and Rehabilitation

Research Areas: PROJECT: The project will involve sequestering health-related information from medical records and insurance claims data to better understand the burden of fracture and post-fracture consequences for adults with cerebral palsy. The project also involves a potential for qualitative research through interviewing individuals to better understand barriers and facilitators to initiating and continuing physical rehabilitation after a fracture. STUDENT’S ROLE: The student’s role will involve regular meetings with the primary mentor and the full team of research and clinical mentors to discuss the project, the field at large, and any other professional development questions that arise. Under the supervision of the primary mentor, the student will undergo a literature review and be responsible for writing the manuscript(s). The student will not be responsible for statistical analysis; although, they may participate as fully as they wish in designing, implementing, and interpreting topics as it relates to statistical analyses. For the potential qualitative project, the student will receive training by qualified researchers so the student can conduct interviews. GOAL: The overarching goals of this mentorship is to: (1) provide the student with first-hand experience working with adult populations that have pediatric-onset disabilities in terms of clinic and research; (2) receive training in rehabilitation-related research conduct, methodology, and dissemination; (3) author a published manuscript or two as the first author or co-author; and (4) gain valuable professional experience from a diverse team of research and clinical mentors.

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

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, PhD, Associate Professor, Vice Chair of Research; Jennifer Bogner, PhD, Professor, Director of OSU TBI Model System; Lise Worthen-Chaudhari, PhD, Assistant Professor; Kathryn Hyzak, PhD, Faculty Fellow

Research Areas: Students will be immersed in translational research opportunities, including clinical trials, observational studies, secondary data analyses, and longitudinal follow-up studies in spinal cord injury, traumatic brain injury, and cancer.

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
2024 RREMS Mentors

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

RREMS Mentor: Prateek Grover MD PhD MHA, Associate Professor; Thiru M. Annaswamy, MD, Professor

Research Areas: 1. Opportunities to study limb loss biomechanics 2. Survey based studies/ Dataset analysis (biomechanics, medical education, or other topics listed below) 3. 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.

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

Shirley Ryan AbilityLab/ Northwestern University

Site Director: Keeley Barr

Contact: 312-238-1000 or kbarr02@sralab.org

Location: 355 E. Erie, Chicago, IL 60611

https://www.feinberg.northwestern.edu/sites/pmr/

RREMS Mentors: See website for potential mentors. Dr. Leslie Rydberg will be contact for inquiries and confirming research mentors.

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 Kentucky

Site Director: Nicholas Elwert, DO

Contact: 859-468-6841 or nicholas.elwert@uky.edu

Location: 2050 Versailles Rd, Lexington, KY 40502

https://medicine.uky.edu/departments/pmr

RREMS Mentors: Nicholas Elwert, DO, Associate Program Director, Research Chair

Research Areas: We have multiple ongoing projects for our residents that they could partner on.

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://medicine.missouri.edu/departments/physical-medicine-and-rehabilitation
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 Pennsylvania
Site Director: Randel Swanson, DO, PhD
Contact: 215-823-5123 or randel.swanson@pennmedicine.upenn.edu
Location: 1800 Lombard St, 1st Fl, Philadelphia, PA 19146
https://www.pennmedicine.org/departments-and-centers/physical-medicine-and-rehabilitation/research
RREMS Mentors: Timothy Dillingham, MD, MS; Roy H. Hamilton, MD; Michelle Johnson, PhD; Randel Swanson, II, DO, PhD; Flavia Vitale, PhD; Kimberly Waddell, PhD, MSCI, OTR/L; Yejia Zhang, MD, PhD
Research Areas: Research opportunities within the Department of Physical Medicine and Rehabilitation at the University of Pennsylvania are diverse, spanning pre-clinical, clinical, and health services research, in all major sub-specialty focus areas within PM&R. Specific active lines of inquiry can be found on our departmental research website.
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.
2024 RREMS Mentors

Research Areas: See website for research interests of faculty.

COVID Restrictions: We can host students from anywhere in the US. 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: Research studies related to motor learning, cognition, neuroimaging, and physical activity measurement.
COVID Restrictions: We can host students from anywhere in the US.

UT Southwestern Medical Center
Site Director: Shanti Pinto, MD
Contact: shanti.pinto@utsouthwestern.edu
https://www.utsouthwestern.edu/education/medical-school/departments/physical-medicine/
Location: 5323 Harry Hines Blvd, Dallas, TX 75390
RREMS Mentors: Shanti Pinto, MD, Assistant Professor, Physical Medicine and Rehabilitation
Research Areas: Outcomes after traumatic brain injury; autonomic nervous system dysfunction in traumatic brain injury
COVID Restrictions: We can host students from anywhere in the US. We require proof of vaccination from all students.