



Association of Academic Physiatrists
MENTOR. DISCOVER. LEAD.

2024 RREMS Mentors

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.

Ohio State University

Site Director: Ceren Yazar-Fisher

Contact: ceren.yazar-fisher@osumc.edu

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

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



Association of Academic Physiatrists
MENTOR. DISCOVER. LEAD.

2024 RREMS Mentors

RREMS Mentors: Ceren Yazar-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

<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 w davidarnold@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@penmedicine.upenn.edu

Location: 1800 Lombard St, 1st Fl, Philadelphia, PA 19146

<https://www.penmedicine.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; Yeji Zhang, MD, PhD



2024 RREMS Mentors

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.

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



Association of Academic Physiatrists
MENTOR. DISCOVER. LEAD.

2024 RREMS Mentors

<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.