

Improving Outcomes for People with Multiple Sclerosis

AVAILABLE POSTDOCTORAL OPPORTUNITIES

Introduction

The objective of this postdoctoral training program is to improve the effectiveness of self-management and rehabilitation interventions in people with multiple sclerosis (MS).

Postdoctoral fellows will learn to conduct state-of-the-art research to optimize the effectiveness of interventions by:

- Identifying digital and blood biomarkers
- Conducting intensive longitudinal observational studies
- Implementing Multiphase Optimization Strategies
- Integrating wearable and smartphone sensors
- Supporting inclusiveness using Universal Design Principles
- Measuring social determinants of health



Available Opportunity

Postdoctoral opportunities exist for nurse, exercise and rehabilitation scientists to receive research training to improve outcomes in people with MS. This innovative training program is a collaboration involving the Cleveland Clinic Department of Physical Medicine and Rehabilitation and Frances Payne Bolton School of Nursing at Case Western Reserve University. The training program is sponsored by the National Multiple Sclerosis Society and a grant from the Patient-Centered Outcomes Research Institute. Mentoring will be provided under the direction of Matthew Plow, PhD, Francois Bethoux, MD, and Ronald L. Hickman, Jr., PhD, RN, ACNP-BC, FNAP, FAAN. Qualified candidates from historically marginalized groups, ethnic minorities, sexual and gender minorities, and persons with disabilities are invited to apply.

Training Activities

Training will be tailored to the selected candidate's interests. It will include learning about self-management and rehabilitation concepts, universal research design principles, and the pathology and psychosocial impact of MS. After completing this introductory training, advanced training will be concentrated in the following areas: digital and blood biomarker discovery; assessment and measurement; technology-enhanced behavior change; and Multiphase Optimization Strategies.

Benefits

- Access to several datasets and hands on experience with conducting clinical trials
- Receive novel training from mentors with established research programs
- Stipend to conduct pilot study
- Salary \$54,840 to \$57,852 plus benefits for 1 to 3 years of duration commensurate with experience
- Options to work remotely and flexible work schedule
- International students planning to live in the US may apply
- Positions available immediately

Contact

Matthew Plow, PhD

Email: map208@case.edu
<https://case.edu/nursing/i-well-research>



FRANCES PAYNE BOLTON
SCHOOL OF NURSING

CASE WESTERN RESERVE
UNIVERSITY