

Postdoctoral Research Associate, Integrative Muscle Physiology & Energetics Laboratory

Posting Details

Position Information

Posting Number	201103570
Position Title	Postdoctoral Research Associate, Integrative Muscle Physiology & Energetics Laboratory
State	WI
Employment Status	Full Time
Position Status	Limited Term
If Limited Term (End Date of Assignment, Project, or Grant)	08/31/2027
Position Type	Faculty
Job Family	Faculty

Position Overview

A postdoctoral research associate position is available to work on a National Institute of Aging grant investigating the mechanisms of muscle fatigue and the protective effects of exercise in people with prediabetes and type 2 diabetes. The successful applicant will work in the Integrative Muscle Physiology & Energetics Laboratory under the guidance of principal investigator, Dr. Christopher Sundberg.

The research associate position is for individuals who are highly-motivated and able to work independently and as an integral part of our research team.

Dr. Sundberg's laboratory is part of a diverse, collegial, and highly interactive group of research laboratories in the Department of Physical Therapy at Marquette University. More information about his research projects and the department can be found at [Christopher W. Sundberg, Ph.D. // Physical Therapy // Marquette University](#)

Duties and Responsibilities

The major responsibility of the successful applicant will be to lead and conduct scientific research in the mechanisms of muscle fatigue in people with diabetes compared with healthy controls employing a whole-limb to cellular level approach.

The successful candidate will be expected to publish scholarly papers, assist with grant writing, as well as mentor undergraduate and graduate students in the lab.

Required Knowledge, Skills and Abilities

Ph.D. degree in one of the following or a related field: Physiology, Exercise Physiology, Cellular Physiology, Bioenergetics, Molecular Biology.

Fluency in the English language is essential along with strong communication and leadership skills.

Preferred Knowledge, Skills and Abilities

Experience with analysis of human muscle biopsy samples is preferred, such as single fiber isolation for assessment of contractile function, protein isoform identification via SDS-PAGE and/or immunohistochemistry, and experience with epifluorescence and/or video microscopy.

Department

Exercise Science

Posting Date

06/16/2023

Closing Date

Special Instructions to Applicants

Please have three references send recommendation letters to Dr. Chris Sundberg at christopher.sundberg@marquette.edu. Thank you.

EOE Statement

It is the policy of Marquette University to provide equal employment opportunities (EEO) to all employees and applicants without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status or any other applicable federal or state-protected classification.

Required Documents

Required Documents

1. Cover Letter/Letter of Application
2. Curriculum Vitae
3. Research Statement
4. References

Optional Documents

1. Unofficial Transcripts

Posting Specific Questions

Required fields are indicated with an asterisk (*).