

Postdoctoral Research Scholars & Doctoral Students

Jason H. Mateika PhD is a Professor in the Department of Physiology at Wayne State University and a VA Research Career Scientist. Dr. Mateika recently had two research proposals recommended for funding. The first proposal is designed to investigate the impact of genetically or spinal cord injury induced reductions in central nervous system serotonin on mechanisms that influence breathing stability and cardiovascular/autonomic function during sleep in mice. He is seeking post-doctoral fellows and graduate students interested in this research area. Post-doctoral candidates with expertise in telemetry implantation, plethysmography, echocardiography, dissection, sectioning and immunohistochemistry are preferred.

Qualifications:

1. PhD/MD with experience in respiratory physiology and neuroscience.
2. Ability to work independently and as part of a collaborative team.
3. Excellent communication skills, both verbal and written.
4. Willing to perform in vivo experiments in an animal research laboratory.

The second proposal recommended for funding is designed to explore if repeated daily exposure to mild intermittent hypoxia enhances the impact of continuous positive airway pressure on co-morbidities linked to sleep apnea in humans with intact or injured spinal cords. He is seeking both post-doctoral fellows and graduate students interested in this research area. Post-doctoral candidates with expertise in microneurography and non-invasive measures of respiratory, cardiovascular and autonomic function during wakefulness and sleep are preferred.

Qualifications:

1. PhD/MD with experience in human sleep and respiratory physiology.
2. Ability to work independently and as part of a collaborative team.
3. Excellent communication skills, both verbal and written.
4. Willing to perform experiments in a human research laboratory.

Contact Information

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