The National Heart Lung and Blood Institute-funded University of Florida Breathing Research and Therapeutics (BREATHE) Training Program is actively recruiting pre- and post-doctoral fellows (available immediately). These NRSA-funded positions require either US citizenship or permanent resident status. More than 30 funded PIs are trainers in the program. Graduate students from wide-ranging disciplines enter PhD programs appropriate to their interests (Neuroscience, Biomedical or Electrical Engineering, Rehabilitation Science, Applied Physiology and Kinesiology, Physiological Sciences). Post-doctoral trainees enter individual laboratories, but benefit from a rich training program that includes both basic science and clinical experiences. Details of the program can be seen at the Center for Respiratory Research and Rehabilitation web site: https://crrr.phhp.ufl.edu.

- **Areas of interest:** respiratory neurobiology, respiratory muscle biology, swallowing/dysphagia, airway defense, therapeutic and pathogenic intermittent hypoxia, and clinical translation
- **Experimental approaches:** basic cell/molecular, whole animal physiology, human physiology, neuro-technology, gene therapy, brain and muscle imaging, and human clinical trials
- **Clinical problems studied:** neurodegenerative (AD, PD, ALS, Pompe), traumatic (SCI and TBI) and ischemic (stroke) neural injury, muscle genetic disorders (DMD, Pompe), cancer cachexia, ventilator weaning, heart failure, opioid-induced respiratory depression, and sex/aging as biological variables
- **Therapeutic approaches:** gene therapy, pharmacology, neurotechnology, nanotechnology, intermittent hypoxia, sleep fragmentation, physical rehabilitation, and others

Pre- and post-doctoral positions become available on an annual basis. Although the Training Grant positions require US citizenship or permanent residence status, many program faculty often have extramural grant support to fund pre- and post-doctoral positions where citizenship or permanent residence is not required.

**If you or someone you know may have interest in these opportunities**, please send their application, including a CV, statement of research interest, and the names of three references, to:

**Gordon S. Mitchell, PhD**
Director of the BREATHE Training Program
Director of the Center for Respiratory Research and Rehabilitation
Preeminence Professor of Neuroscience
Department of Physical Therapy and
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