

# **Gordon Mitchell**

**Professor & Director at University of Florida**

Gainesville, FL, US

Gordon Mitchell is a preeminence professor of neuroscience in the department of physical therapy and McKnight Brain Institute.

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## **Biography**

Gordon Mitchell opened and directs the UF Center for Breathing Research and Therapeutics (BREATHE) and an NIH-funded graduate and postdoctoral training program of the same name. A key focus of BREATHE is to understand and treat impaired breathing and airway defense (swallowing/cough) caused by neuromuscular injury or disease.

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## **Areas of Expertise**

Cellular mechanisms of intermittent hypoxia induced spinal respiratory motor plasticity, Compensatory respiratory plasticity in motor neuron disease (ALS), Inflammation and spinal plasticity, Developmental plasticity, Intermittent hypoxia and brain function, Intermittent hypoxia-induced respiratory and non-respiratory motor recovery after spinal injury, Translation of low-dose intermittent hypoxia to treat humans with chronic spinal injury

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