

# PhD positions available at George Mason University (Controls, brain-computer interface, healthcare)

Submitted by [rbighami](#) on Fri, 02/08/2019 - 11:58pm

Applications are invited for PhD positions at the Algorithms in Medicine and Neuro-Technology Lab (AIMAN Lab) in the Department of Mechanical Engineering at George Mason University, Fairfax, VA.

## Research

The AIMAN Lab pursues fundamental breakthroughs in biomedical cyber-physical systems. The lab's primary research focuses on application of mathematical modeling, controls and estimation theory, and machine learning in health information technology including decision support and automated care systems, with the intention of improving the quality of healthcare, as well as brain-computer interfaces to bring neuro-enhancements to the daily consumer.

## Application

Interested researchers with passion in digital healthcare and neuroscience are encouraged to send their CV to Dr. Ramin Bighamian at [rbighami@gmu.edu](mailto:rbighami@gmu.edu).

## Qualifications

- Experience in controls engineering, estimation theory, machine learning, MATLAB
- A Master's degree in mechanical engineering, electrical engineering, or other related disciplines.

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[? MS and PhD Programs in ECE next to Silicon Valley -- Application window closes on January 22 \(PhD\) and February 1 \(MS\)! Call for Applications - Doctoral College on Resilient Embedded Systems ?](#)

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