

## Fully Funded Ph.D. @ ECE - George Mason University

One Ph.D. opening in the direction of Robotics and Control at the ECE department of George Mason University. The position is fully funded, with competitive living stipend (~\$3000 per month, pre-tax). The starting time is flexible: Spring/Fall 2027.

### Position Description and Qualifications

The position will focus on robotics, control, robot learning, and multi-agent systems. In particular, the research objective of this position is to model knowledge transfer in robot learning as a dynamical system and develop control-theoretic and optimization methods to analyze and regulate its behavior.

We expect self-motivated individuals with the following qualifications:

1. Strong passion for the above research areas and desire to solve challenging problems.
2. Solid mathematical background.
3. Thorough understanding of one of the following areas (candidates with experiences in both are preferred)
  - a. Theoretical principles of reinforcement learning for robotics.
  - b. Distributed control and optimization algorithms for multi-agent systems
4. Fluent English communication and writing skills.
5. Preferred qualifications: records in research and publication.

### How to apply

Please send an email to [xwang64@gmu.edu](mailto:xwang64@gmu.edu), with

Subject: PhD-Application

1. Personal Statement, Complete CV (including publication list, if applicable).
2. Undergraduate/graduate transcript (unofficial).
3. TOEFL or IELTS score, if international from non-English speaking countries.

**General information about the advisor** can be found at

<https://mason.gmu.edu/~xwang64/index.html>



### George Mason University

George Mason University (GMU) is a public research university in Fairfax County in Virginia. Being established in 1972, George Mason is the fastest growing research University in the US. The university is now the largest four-year public university in the Commonwealth of Virginia and is classified among "**R1: Doctoral Universities** - Very high research activity", ranked #76 Best Engineering School. Studying and living at GMU positions you close to companies changing the face of technology, health care, and more. These include 23 Fortune 500 companies and some of the most advanced cyber security players in the country.