



Ph.D. Positions in Robotics

The Interactive Robotics Laboratory - IRL at West Virginia University (WVU) has multiple fully funded Ph.D. openings. Currently active research topics include planetary rover autonomy for Mars Sample Return (in collaboration with NASA JPL), robotic precision pollination (USDA), UAV/UGV cooperative navigation in underground tunnels (DoD), planetary exploration concepts (NASA NIAC), bio-inspired robot design and human-swarm interaction (NSF). Please search “WVUIRL” on YouTube to see our research demonstrations.

Prospective students should hold a master’s or bachelor’s degree in mechanical engineering, electrical engineering, aerospace engineering, computer science/engineering, automatic controls, mechatronics, applied mathematics, or other related disciplines. The candidates should also have excellent verbal and writing skills in English, should be motivated and capable of creatively working in a team environment.

Interested candidates should apply to WVU Dept. of Mechanical and Aerospace Engineering or Lane Dept. of Computer Science and Electrical Engineering online. Questions about the position may be sent to Dr. Yu Gu at Yu.Gu@mail.wvu.edu.

About IRL: IRL provides a free thinking environment and state-of-the-art facilities that allow students to reach their full potential. At IRL, students are encouraged to develop their own research ideas, supported by resource provided internally and from external sponsors. Many students at IRL have won prestigious fellowships and awards. As a group, IRL won the NASA Sample Return Robot Centennial Challenge with a total prize of \$855,000.