

University of Wisconsin-Madison Graduate Student Positions

The Department of Industrial and Systems Engineering at the University of Wisconsin- Madison invites applications for PhD and Master's level research assistants in the area of Human Factors and Ergonomics. Research topics will include health care, human-computer interaction, communication and design. Funding, which includes tuition, health insurance, and stipend are available for qualified applicants.

Application Criteria

Ideal applicants will have a master's degree and strong interest and background in industrial and systems engineering, human factors, computer science, industrial design, cognitive science or informatics. Applications must also meet the regular admission criteria and will undergo the regular admissions process for the PhD program. Applicants with BS degrees will also be considered for both MS and PhD positions. Underrepresented, minority and disabled students are encouraged to apply.

Information and Application

Applications are accepted on a rolling basis, though priority will be given to applications received prior to February 1st. Late applications may be considered as time and resources permit. For further information about the assistantships please email Dr. Enid Montague emontague @ wisc.edu. To apply, please email a CV and informal details about your interests for PhD research using the subject line "PhD Positions".

Funding

Research, project and teaching assistantships are available for qualified. Tuition remission and eligibility for health insurance are provided, if an assistantship is assigned at 33% or higher. Stipend rates for project assistants and teaching assistants are determined by negotiations between the State of Wisconsin and the Teaching Assistant Association (TAA). More information about specific rates can be found at www.grad.wisc.edu.

About the Human-Computer Interaction Lab

The HCI lab is directed by Dr. Enid Montague and employs a growing team of 6 students. Current projects in the lab include both lab and field research related to understanding how technologies affect group relationships in health care systems.

About the Department of Industrial and Systems Engineering

The Department of Industrial and Systems Engineering (ISYE) offers opportunities in five research areas: Human Factors and Ergonomics, Health Systems, Manufacturing and Production Systems, Quality Engineering, and Decision Science/Operations Research. The Department of ISYE is ranked in the top ten best industrial engineering undergraduate programs in the U.S. (U.S. News and World Report, 2009) and ranked #1 in external research funding per faculty (Georgia Tech Industrial and Systems Engineering Benchmarking Study, 2006-2007). The department has 21 professors and 138 graduate students, creating a dynamic community for academic and student life. This current year the ISYE department awarded over 38 scholarships to graduate and undergraduate students and the majority of PhD students receive funding for their education. The department is home to numerous centers and

laboratories including the Center for Health Enhancement Systems Studies, Center for Health Systems Research and Analysis, Center for Human Performance and Risk Analysis, Center for Quality and Productivity Improvement, Center for Quick Response Manufacturing, and the Trace Research & Development Center.

About the Human Factors and Ergonomics Engineering Program

The human factors and ergonomics program has one of largest groups of human factors and ergonomics faculty members in the country. Nine faculty members offer a breadth of research and learning opportunities for students. Nine graduate courses in human factors and ergonomics are offered annually: examples course topics include Cognitive Ergonomic Methods, Human-Computer Interaction, Sociotechnical Systems, Health Systems Engineering, Health Informatics, Organization and Job Design, Design For Human Disability And Aging, and Human Performance and Accident Causation. Students also have the option of obtaining certificate programs in interest areas such as patient safety.

About the University of Wisconsin-Madison

UW–Madison ranks as one of the most prolific research universities in the world, placing third among American public universities for research expenditures, second in non-federally funded research and second in number of doctorates granted. The US News & World Report 2006 Guide to America’s Best Graduate Schools ranked several UW- Madison graduate programs in the top 10. In its history, 13 UW faculty members and alumni have been Nobel Prize recipients, 21 received Pulitzer Prizes in journalism or literature, 10 have been awarded a National Medal of Science, and 46 current and emeritus faculty are members of the National Academy of Sciences. All faculty have primary obligations for research and research related teaching. Students are encouraged to participate in research and are offered many opportunities as part of their education.

About Madison Wisconsin

With a population of over 220,000, Madison offers the ideal combination of natural beauty, stimulating cultural offerings, outdoor recreation, distinctive restaurants, unique shops, and vibrant nightlife. It tops many “best” lists: best place to live and work, best college sports town, one of America’s safest cities, a top American dream town, smartest city and a top green city.

Links

ISYE Department: www.engr.wisc.edu/ie

UW-Madison Graduate School: grad.wisc.edu

Madison Wisconsin: visitmadison.com

*UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

**Students must meet requirements for acceptance into the UW Madison graduate school.