A team of researchers from the University of Central Florida and the Georgia Institute of Technology are seeking a highly motivated and forward-thinking Postdoctoral Follow to assist in conducting multidisciplinary research for a National Science Foundation project on human-robot interaction in manufacturing.

> See "**Supervise It! Optimizing Intelligent Robot Integration Through Feedback to Workers and Supervisors"**
> https://nsf.gov/awardsearch/showAward?AWD_ID=2026611

The postdoc will work closely with faculty members with expertise in the following areas:

(1) Controls, robotics, and computer vision
(2) Management systems engineering, organizational change, performance measurement
(3) Operations research, machine learning, modeling human decision-making
(4) Human-computer integration, ergonomics & neuroergonomics, neuro-fuzzy modeling

The primary duties will involve overseeing human-subject experiments by graduate students including verifying and validating the experimental design and execution. Considering this, we are seeking candidates with prior experience running human-subject experiments. Additionally, the ideal candidate will have a graduate degree in industrial or organizational psychology, human factors, cognitive science, or similar disciplines.

The position will be based at the University of Central Florida, located in Orlando, however there will be opportunities for the postdoc to travel to Georgia Tech in Atlanta to support the human-subject experiments. The position is available for up to 3 years.

This post-doc position is especially targeted at researchers interested in aggressively pursuing a faculty position. All PIs on the project are dedicated to working with the postdoc in establishing themselves as an independent researcher. This includes writing proposals as a Co-PI, leading a small research team, teaching opportunities, and exploring other research projects. The selected candidate will be encouraged (and supported) to network with other faculty at UCF, Georgia Tech, and elsewhere.

Qualifications

Candidates should have a terminal degree in a related field with preference to candidates with experience related to the areas listed below. Please note we do not expect applicants to have all skills or interests, however skills that are bolded are of greatest importance.

- **Human-subject experimentation and statistical analysis**
- **Human factors, cognitive science, industrial psychology**
- **Programming (preferably Python)**
- Graduate-level engineering-math/statistics or optimization
- Human-technology interaction
- Machine learning (theory and application)

Candidates interested in the position should send the following material in a single pdf to adan.vela@ucf.edu with "SUPERVISE IT - POSTDOC" as the subject.

1. Extended curriculum vita
2. Statement of research and experience
3. Three sample publications
4. Name and contact information of three references
5. Desired start date

Salary (between 50K-65K) will be commensurate with applicant's background and experience, and is open to performance-based raises (especially in the case of additional funded proposals). Applications will be collected and reviewed on a rolling basis; position will remain open until ideal candidate is identified. Position to begin immediately or on mutually agreed upon date.