Experimental Psychologist

Revision's Experimental Psychologist will play a key role in the development of advanced technology and human systems interface (UI/UX design and supporting data), particularly those programs involving extending the range of human perception while protecting the Soldier from environmental threats (aural, visual, etc.) and those providing information to the Solider through a variety of perceptual means, including; Heads-Up Displays, Aural/Voice information, and Haptic feedback. The Warfighter Systems Integration Laboratory (WSIL) is a State of the Art facility used to replicate real-world embodied and embedded environments for those wearing personal protective systems and technology made to heighten their situational awareness and survivability. This position will develop and refine methods to test advanced technology systems in this real-world environment, and will work closely with academic partners to verify, validate, and improve methods to measure task level performance parameters and underlying dynamics related to cognitive load, attentional resources across a wide range of simulated environments.

KNOWLEDGE, SKILL & EXPERIENCE REQUIREMENTS

- Master's Degree in Experimental Psychology; PhD. preferred. Perceptual or Ecological Psychology required.
- 3-5 years' experience in Psychology Laboratories related to perceptual capabilities, and the Traditional and Ecological perspectives on Perception, their methods, and potential uses.
- Demonstrated scientific competency by way of Publications, Presentations, and related academic metrics for proficiency.
- Use of advanced measurement systems found in Psychology laboratories, and the ability to learn systems related to the Action-Perception cycle (Motion Analysis, Force Plates, and other systems)
- 3-5 years' experience in augmented or mixed reality field preferred, or significant UI/UX experience in VR/AR/MR systems development.
- Excellent written and verbal communication skills
- Demonstrated organization skills with good attention to detail.
- Strong time management skills with the ability to multitask
- Well-developed computer skills, including Word, Excel, and Matlab or other computational language (e.g. Python, Matlab, LabVIEW, Unity). Linear and Non-Linear analysis techniques and statistical analysis
- Collaborative approach to working
- Passion for exploration and the ability to learn quickly.
- Outstanding interpersonal skills, ability to successfully operate in a highly-charged matrix organization.
- Responsiveness to external and internal customers and a can-do, positive attitude are a must.

Interested individuals can find the procedure for submitting the application at the Revision Website.