

## UC-Denver: New PREP Postdoc Opportunity

UCD PREP Coordinator: Hamid Fardi ( [hamid.fardi@ucdenver.edu](mailto:hamid.fardi@ucdenver.edu) )

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NIST ORG (Div/Group): [Public Safety Communications Research Division \(671\)](#)  
[Network Operations Group \(671.01\)](#)

**NIST GRADE EQUIVALENT:** [ZP-III](#)

Based on candidate's education and experience, the candidate is equivalent to a NIST grade level listed above.

**PREP OPPORTUNITY TITLE:** [Assessing performance of user interfaces using virtual and augmented reality technologies.](#)

**SUMMARY OF THE POSITION:** [This position will leverage the virtual and augmented reality test environments created to support testing and training on future user interfaces for first responders. The candidate will be responsible for identifying metrics and tasks to include in various scenarios. The position will assist the primary investigator in developing and executing user studies.](#)

### KEY RESPONSIBILITIES:

- [Work as senior member of team in conducting applied research in the areas of decision making, human cognition, expert performance, cognitive performance improvement and assessment.](#)
- [Research cognitive requirements, development of measures for cognitive performance, and the development of competency models.](#)
- [Lead and contribute to team research and development efforts in the areas of assessing performance of user interfaces using virtual and augmented reality technologies.](#)

### REQUIREMENTS:

- [PhD degree in Psychology, Human Factors, or related cognitive science field](#)
- [Experience with data collection involving human subjects](#)

### PREFERENCES:

- [Familiarity with virtual and augmented reality technologies.](#)
- [Experience with data visualization](#)
- [Experience with statistical analysis](#)

**LEVEL OF APPOINTMENT:** [Postdoc](#)

This researcher must hold a master's degree. No appointment limits.

**LENGTH OF TERM (if applicable):**

**START DATE:** 11/1/2019

**END DATE:** 10/1/2022