

# Postdoctoral Research Associate I

---

## Position Details

---

### Position Information

<b>Title</b>	Postdoctoral Research Associate I
<b>Department</b>	Psychiatry (0717)
<b>Location</b>	University of Arizona Health Sciences

### Position Summary

The College of Medicine Department of Psychiatry is leading the effort to understand, diagnose, treat, and prevent psychiatric disorders, prepare future clinicians, provide state-of-the-art care, and give direction to community efforts to improve behavioral health.

William "Scott" Killgore, PhD, is a Professor of Psychiatry, Psychology, and Neuroscience that joined the University of Arizona July 1, 2014. He brings an active research program from Harvard Medical School and McLean Hospital, including his Social, Cognitive, and Affective Neuroscience (SCAN) Laboratory. The Lab is devoted to the study of emotional intelligence, PTSD, mTBI, stress and related conditions. Dr. Killgore's innovative work is funded by the Department of Defense, and recent research focuses on effects of prolonged sleep deprivation, chronic sleep restriction, and the use of stimulant countermeasures on the cognitive-affective systems within the brain.

A Postdoctoral Research Associate position is available within the Social, Cognitive, and Affective Neuroscience Laboratory directed by William "Scott" Killgore, PhD. <https://scanlab.arizona.edu/> This position is focused on the area of emotional intelligence training and will work alongside Dr. Killgore to lead a study on the efficacy and refinement of an online emotional intelligence training program.

The Postdoctoral Research Associate will work collaboratively with the Study Coordinator, Lab Manager, and Principal Investigator to play an integral role in all aspects of this research project including:

- Designing emotional intelligence training materials.
- Overseeing all aspects of the study from recruitment to mentoring research technicians.
- Writing protocols, reports, or grants.
- Conducting emotional, social, personality, and psychophysiological assessments.
- Behavioral data analysis.
- Publishing findings in peer-reviewed journals and other venues.
- Presenting findings at professional conferences.

A Ph.D. in psychology, affective neuroscience, cognitive/social neuroscience, and/or related field is required.

Preference will be given to candidates with backgrounds in studying emotional/social processes using psychophysiological (e.g., EEG, skin conductance, heart rate variability, biomarkers) or neuroimaging (e.g., fMRI, DTI, VBM, PET, connectivity) methods. A strong background in computational methods used in neuroimaging (e.g., Matlab, UNIX, LINUX, C/C++, SPM, AFNI, Freesurfer, FSL, TrackVis, CONN) is preferable. Exceptional skills in experimental design, quantitative methods, and statistical analysis, and the ability to carry out independent data manipulation and sophisticated statistical analyses using standard software packages (e.g., SPSS, R, STATA, BMDP, JMP, SAS) are particularly desirable. Experience in psychometric test development and/or development of internet/computer-based training programs is desirable. The successful

candidate must demonstrate solid mastery of written English, preferably with strong evidence of peer-reviewed publications.

*Outstanding UA benefits include health, dental, vision, and life insurance; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; access to UA recreation and cultural activities; and more!*

The University of Arizona has been recognized for our innovative work-life programs. For more information about working at the University of Arizona and relocations services, please [click here](#).

Accepting a new position is a big life step. We want potential candidates and their families to be able to make informed decisions. Candidates who are considering relocation to the Tucson or Phoenix area, and have been offered an on-site interview, are encouraged to use the free services offered by [Above & Beyond Relocation Services \(ABRS\)](#). Ask your department contact to be introduced to ABRS prior to your visit.

## **Duties & Responsibilities**

- Design emotional intelligence training materials.
- Write protocols, reports, and grants.
- Administer emotional, personality, and psychophysiological assessments.
- Conduct statistical analysis of behavioral, psychophysiological, and neuroimaging data.
- Oversee overall study coordination including subject recruitment, research technician training and education.
- Publish findings in peer-reviewed journals, conference proceedings, and other venues.
- Travel and assist with aspects of project that are conducted at remote sites, as necessary, and various other duties or projects as assigned.

## **Knowledge, Skills, & Abilities**

- Exceptional knowledge in areas of emotional intelligence, emotional/social cognition, cognitive/social neuroscience, psychology/social psychology and/or other related field.
- Outstanding ability to effectively communicate across a diverse group of study participants, study coordinators, and researchers.
- Strong organization skills including significant attention to detail.
- Ability to work both independently and with a team, including conflict resolution skills and a collaborative mindset.
- Exceptional level of integrity, ethics, and professionalism.
- Strong verbal and written communication skills and computer skills.
- Knowledge of the principles and techniques of human-subjects research.
- Knowledge of modern research methods, data collection and analyses.

## **Minimum Qualifications**

- Ph.D. in psychology, affective neuroscience, cognitive/social neuroscience, and/or other related field.

## **Preferred Qualifications**

- Background in studying emotional/social processes using psychophysiological (e.g., EEG, skin conductance, heart rate variability, biomarkers) or neuroimaging (e.g., fMRI, DTI, VBM, PET, connectivity) methods.
- Technological knowledge base in graphic design, computer programming and/or user interface design.

- Experience in developing web-based intervention platforms.
- Background in computational methods used in neuroimaging (e.g., Matlab, UNIX, LINUX, C/C++, SPM, AFNI, Freesurfer, FSL, TrackVis,CONN).
- Experience in neuroimaging and/or psychophysiological data collection and analysis.
- Strong peer-reviewed publication record in the area of emotional intelligence, social cognition, or affective neuroscience.
- History of work on projects relating to emotional intelligence, emotional/social cognition, and/or affective neuroscience.
- Exceptional skills in experimental design, quantitative methods, and statistical analysis, and the ability to carry out independent data manipulation and sophisticated statistical analyses using standard software packages (e.g., SPSS, R, STATA, BMDP, JMP, SAS).
- Demonstrated solid mastery of written English.

<b>FLSA</b>	Exempt
<b>Full Time/Part Time</b>	Full Time
<b>Number of Hours Worked per Week</b>	40
<b>Job Category</b>	Postdoctoral Research
<b>Benefits Eligible</b>	Yes - Full Benefits
<b>Posted Rate of Pay</b>	\$50,004 - \$50,376 Annually DOE
<b>Type of criminal background check required:</b>	Name-based criminal background check (non-security sensitive)

**Posting Detail Information**

<b>Posting Number</b>	P20766
<b>Number of Vacancies</b>	One
<b>Desired Start Date</b>	
<b>Position End Date (if temporary)</b>	
<b>Limited to Current UA Employees</b>	No
<b>Contact Information for Candidates</b>	Emily Taylor emilytaylor@psychiatry.arizona.edu
<b>Open Date</b>	03/04/2019
<b>Close Date</b>	
<b>Open Until Filled</b>	Yes
<b>Review Begins On</b>	03/14/2019

**Special Instructions to Applicant**

**Diversity Statement**

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As an Hispanic-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students,

colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

**Quick Link for Internal Postings** <http://uacareers.com/postings/35861>

---

## Supplemental Questions

---

Required fields are indicated with an asterisk (\*).

1. \* Where did you first learn about this position?

- o Arizona Daily Star
- o Arizona Republic
- o ArizonaDiversity.com
- o Careerbuilder.com
- o Chronicle of Higher Education
- o Department of Economic Security (DES)
- o Diverse Issues in Higher Education
- o HigherEdsJobs.com
- o Hispanic Outlook in Higher Education
- o Indeed.com
- o InsideHigherEd.com
- o Jobing.Com
- o LinkedIn
- o Local Job Banks
- o Pima County One-Stop
- o Professional Conference
- o Professional journal/publication
- o Referred by UA Employee
- o Invited by Dept to Apply
- o UA Website
- o Other

2. \* Upon hire, will you possess a Ph.D. in psychology, affective neuroscience, cognitive/social neuroscience, and/or another related field?

- o Yes
- o No

---

## Documents Needed to Apply

---

Required Documents

1. Cover Letter
2. Curriculum Vitae

Optional Documents

None