

Postdoctoral Research Associate, Basic Medical Sciences (College of Medicine-Phoenix)	
Posting Number	req18080
Direct Link to Apply	https://arizona.csod.com/ux/ats/careersite/4/home/requisition/18080?c=arizona
Department	COM Phx Basic Medical Sci
Department Website Link	College of Medicine-Phoenix
Location	Greater Phoenix Area
Address	425 N 5th St, Phoenix, AZ 85004 USA
Position Highlights	<p>The laboratory of Dr. Deveroux Ferguson at The University of Arizona College of Medicine-Phoenix is seeking a highly motivated Postdoctoral Research Associate. Dr. Ferguson's lab studies the epigenetic mechanisms underlying neuropsychiatric disorders with an emphasis on rodent models of depression. The lab utilizes a wide range of molecular and behavioral approaches including, ChIP-Seq, RNA-Seq, Viral Vectors, FACs, Cell type specific transgenic mice and behavioral assays of despair-like behaviors. The ideal candidate should have basic molecular biological experience and experience working with rodents. Experience with transgenic mice, sterotaxic surgery, subcloning, ChIP-Seq and RNA-Seq is preferred but not required.</p> <p><i>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!</i></p> <p>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.</p>
Duties & Responsibilities	<ul style="list-style-type: none"> • Perform independent multi-disciplinary research experiments under the direction of the principal investigator, including the use of biochemical, cell and molecular biology, cell culture, virological, microbiological, and/or animal assays. • Develop, design, and conduct complex research projects. • Perform scientific data collections, reductions, and analyses involving routine procedures characterized by use of independent judgment. • Foster collaborations within the Department and with other units across the University. • Maintain accurate and detailed records of all laboratory work and experiments.

	<ul style="list-style-type: none"> • Derive, analyze, and format data for publications, presentations, and grant proposals. • Perform statistical and graphical analysis of data. • Independently reproduce, evaluate, research, and improve techniques currently used. • Present results at laboratory meetings, conferences, and publish papers. • Prepare manuscripts for publication in peer-reviewed journals. • Participate in grant writing, including generating preliminary data, submitting grant applications, and preparing progress reports. • Additional duties as assigned. <p>Knowledge, Skills, and Abilities:</p> <ul style="list-style-type: none"> • Knowledge of coordinating experiments, and completing analysis, statistics, and interpretation. • Ability to communicate in a clear, concise manner orally and in writing. • Ability to participate at scientific conferences and present findings. • Knowledge of grant writing and manuscript preparation. • Demonstrated ability to independently develop reports and manuscripts and present findings in tabular, oral, written, and/or graphic formats.
Minimum Qualifications	<ul style="list-style-type: none"> • PhD in Neuroscience, molecular biology, genetics, or related field of study.
Preferred Qualifications	<ul style="list-style-type: none"> • Strong background in neuroscience and demonstrated productivity. • Previous experience working with laboratory animals. • Background performing animal surgery. • Expertise with maintaining animal breeding colonies. • Knowledge in genotyping. • Experience with histology, immunocytochemistry and western blot analysis. • Adept at basic computer software (Word, Excel, PowerPoint) and an ability to learn statistical and graphing programs (such as Prism, Corel, Adobe Photoshop, etc.).
FLSA	Exempt
Full Time/Part Time	Full Time
Number of Hours Worked per Week	40
Job FTE	1.0
Work Calendar	Fiscal

Job Category	Research
Benefits Eligible	Yes - Full Benefits
Rate of Pay	NIH salary guidelines, Depends on Experience
Compensation Type	salary at 1.0 full-time equivalency (FTE)
Type of criminal background check required:	Name-based criminal background check (non-security sensitive)
Number of Vacancies	1
Target Hire Date	12/11/2023
Expected End Date	
Contact Information for Candidates	College of Medicine-Phoenix, Office of Human Resources HR-PHX@arizona.edu
Open Date	10/18/2023
Open Until Filled	Yes
Documents Needed to Apply	Curriculum Vitae (CV) and Cover Letter
Special Instructions to Applicant	<p>Application: The online application should be completed in its entirety. Blank or missed information may be considered an incomplete submission.</p> <p>Letter of Interest: Should clearly indicate how your skills and professional employment experience meet the Minimum and the Preferred qualifications (if applicable).</p>
Diversity Statement	<p>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 a 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.</p>