Position Summary:
Under the supervision of the Principal Investigator (PI) the Chesler Lab Staff Research Associate will be dedicated to a broad range of tasks related to small animal experiments, including colony management, survival surgery and instrumentation, data collection, data analysis and data management. Must be able to work as part of a team. The UCI Edwards Lifesciences Foundation, Cardiovascular Innovation and Research Center (CIRC) is an academic-based research and training center housed within the Henry Samueli School of Engineering at the University of California, Irvine. We aim to accelerate advances in cardiovascular health and health equity.

ESSENTIAL FUNCTIONS:

I UNDERSTAND I AM RESPONSIBLE FOR ADHERING TO THE UNIVERSITY DEPARTMENTAL INJURY AND ILLNESS PREVENTION PROGRAM (SB 198 GUIDELINES) IN PERFORMING THE ESSENTIAL FUNCTIONS ASSIGNED ON THIS POSITION DESCRIPTION. I UNDERSTAND I AM RESPONSIBLE FOR INCORPORATING UNIVERSITY SAFETY POLICIES AND PROCEDURES INTO MY JOB.
Percentage: 60%

RESEARCH AND ANIMAL WORK: Work closely with the PI, postdoctoral fellows and graduate students to design, coordinate, and implement animal studies. Participate in animal model surgical procedures and routine animal husbandry duties. Develop Standard Operating Procedures (SOPs) for animal study execution; design workflow to ensure adequate quality control. Perform functional tissue evaluations of regenerated tissues. Act as a co-investigator to carry out multiple research projects responsible for the experimental design (animal models), implementation (using biochemical, molecular, protein methods), and execution of research projects. Manage the design, training, implementation, and troubleshooting of research projects to align students, trainees, fellows and other staff members. Use scientific background and expertise to apply the most appropriate research tools to perform studies; research and implement novel and advanced techniques and methods for research studies. Occasional weekend work is required for animal husbandry.

Percentage : 20%

DAILY LABORATORY OPERATION AND MANAGEMENT: Serve as the Co-investigator and responsible for IACUC protocol creation, preparation, submission, modification and renewal. Maintain laboratory supplies and inventory, and manage equipment repairs and service contracts. Serve as the authorized person to purchase, pick-up, oversee use and disposal records for all controlled substances in the lab. Maintain appropriate MSDS and records for IRB, IBC, IACUC regulations compliance. Report spending.

Percentage : 10%

DATA ANALYSIS and PRESENTATION: Integrate and analyze data collected from investigator-initiated studies using statistical analysis tools. Use data for presentations and make recommendations to PI. Present results at Chesler lab meetings.

Percentage: 10%

ADMINISTRATIVE : Attend weekly Chesler lab meetings, foster and maintain good working relations with Chesler lab members, CIRC members, administration, and collaborators; attend research related meetings as requested.

Total Compensation:
In addition to the salary range listed below, we offer a wealth of benefits to make working at UCI even more rewarding. These benefits may include medical insurance, sick and vacation time, retirement savings plans, and access to a number of discounts and perks. Please utilize the links listed here to learn more about our compensation practices and benefits.

$30.73 - $49.43 (Hourly Rate)

Required:

Must have the ability to work under general supervision and as part of a team. Skill to generate and organize laboratory research data. Ability to define problems, identify relevant factors, develop innovative techniques to solve research problems, compile data and make recommendations. Ability to adhere to all experimental protocol and good laboratory practices. Experience managing multiple projects Ability to maintain safety training and safe work procedures. Knowledge of and prior experience in small animal surgery and instrumentation, especially hemodynamic measurement, in live rodents. Minimum of 1-year of experience in animal surgical models or animal husbandry. Computer skills include Word, PowerPoint, Excel, and GraphPad Prism. Ability to effectively communicate verbally and in writing. Strong interpersonal skills. Prior successful completion of a B.S. in biology or chemistry laboratory biological sciences, physiology, biomedical engineering, or related field. Ability to develop and maintain working relationships with lab members, and CIRC staff, faculty, students. Superior eye-hand coordination and fine motor skills. Ability to follow lab and surgical suite protocols and standard operating procedures.

Preferred:

Knowledge of university purchasing procedures. Ability to perform other duties as assigned. Availability to work occasional weekends, evenings and holidays as needed. Experience using vivo imaging systems

Occaisionally on a weekend or holiday

Conditions of Employment:

The University of California, Irvine (UCI) seeks to provide a safe and healthy environment for the entire UCI community. As part of this commitment, all applicants who accept an offer of employment must comply with the following conditions of employment:

• Background Check and Live Scan
• Legal Right to work in the United States
• Vaccination Policies
• Smoking and Tobacco Policy
• Drug Free Environment

The following additional conditions may apply, some of which are dependent upon business unit or job specific requirements.

• California Child Abuse and Neglect Reporting Act
• E-Verify
• Pre-Placement Health Evaluation

Details of each policy may be reviewed by visiting the following page - https://hr.uci.edu/new hire/conditions-of-employment.php

Closing Statement:

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

We are committed to attracting and retaining a diverse workforce along with honoring unique experiences, perspectives, and identities. Together, our community strives to create and maintain working and learning environments that are inclusive, equitable, and welcoming.

UCI provides reasonable accommodations for applicants with disabilities upon request. For more information, please contact Human Resources at (949) 824-0500 or eec@uci.edu.