RESEARCH ASSISTANT (Cell Culture Research Assistant) – Date Posted: April 13, 2016 – Job ID: 900952 - Dedman College/Chemistry - In hire rate: ($13.00 - $15.38 an hour).

Job Summary:

The cell culture research assistant is currently sought to participate in a study funded by the National Institutes of Health to investigate the roles of oxidative and nitrative stress in respiratory diseases. The successful applicant will maintain several mammalian cell lines and assist in imaging, plate reader, and other experiments aimed at studying and visualizing the precise chemical events that damage cellular components.

This position will contribute to the mission of the Department of Chemistry to expand research programs, provide hands-on training, and focus on interdisciplinary studies. This position will contribute to the strategic goals of Southern Methodist University to "strengthen scholarly research, creative achievement, and opportunities for innovation."

This is a grant funded one year assignment with the possibility of renewal.

Essential Functions

- Thawing and freezing cells from and into cryogenic storage.
- Maintaining living cell cultures through cell passage, cell counting, and media exchange.
- Seeding cells into vessels for microscopy and plate reader experiments
- Performing and/or assisting with microscopy, plate reader, and other types of experiments.
- Keeping track of supplies and organizing reordering.
- Results will be recorded in a laboratory notebook and presented at periodic individual and group meetings.

Education and experience

Bachelor’s degree is required.

Experience in mammalian cell culture is required.

One year experience with sterile techniques, cryogenic storage procedures, cell passaging, cell counting, cell plating, and media preparation is strongly desired.

Experience with microscopy and basic chemistry is preferred, but not required.

Knowledge Skills and Abilities:

Candidate must be able to complete biosafety training modules and follow safety protocols.

Must demonstrate strong interpersonal and verbal communication skills with a diverse community of faculty and students.

Candidate must possess strong organizational, planning and time management’s skills with the ability to oversee multiple tasks in a deadline-driven environment.

Must also possess a strong focus on attention to detail.
Candidate must possess strong problem solving skills, with the ability to be resourceful, proactive, and seek assistance as needed.

Must also possess the ability to work independently, as well as part of a team.

Experience with Microsoft Excel, Word, and Powerpoint is preferred.

Research group meetings may be scheduled after 5:00pm one day a week.

**Physical/Environmental Demands:**
Position must have the ability to stand, bend squat, reach above shoulders, Handle objects (dexterity), push/pull and carry/lift 25 lbs.

*Priority consideration may be given to submissions received by April 27, 2016. This position is open until filled.*

To Apply: Please visit our website [www.smu.jobs](http://www.smu.jobs) to access the online application. Click on Staff Career Opportunities and apply to Job ID#: **900952**

For more information, contact Dr. Lippert at alippert@smu.edu or visit http://faculty.smu.edu/alippert.

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