



## Technician Position in Sex Differences in Risk Factors for Dementia

**A technician position is available to study sex differences in risk factors for dementia.** Risk factors of interest include: menopause, andropause, diet-induced obesity, vascular damage, and chronic stress. Our studies utilize a variety of approaches, including in vivo cerebral blood flow measurements, in vivo gene manipulation (AAVs), cognitive behavioral testing, endothelial translucence (TRAP-seq), transcriptomics, molecular biology, immunohistochemistry, mouse models of metabolic disease, menopause, andropause, vascular dementia, multi-etiology dementia, and Alzheimer's disease.

### Mentorship Environment:

Our research group values open communication, motivation, optimism, mutual respect, teamwork, and innovative thinking. Dr. Zuloaga is highly committed to individualized mentoring plans to help trainees achieve the scientific career they desire. At a minimum, the training environment will include: professional/career development, one-on-one meetings, group lab meetings, departmental neuroscience seminars and journal clubs, opportunities to present your work at scientific conferences, and manuscript preparation for publication in high quality journals. Please visit our lab website for more information: <http://www.zuloagalab.com>.

### About the PI and Albany Medical College:

Dr. Zuloaga is an Associate Professor and Director of Graduate Studies in the Department of Neuroscience and Experimental Therapeutics (DNET) at Albany Medical College, co-founder of the New York Capital Region Postdoctoral Development Program, and Scientific Advisory Board member for the Albert Research Institute for White Matter and Cognition. She has received external funding at every stage of her career, including current funding (NINDS R01, NIA U01, and Alzheimer's Association grants). Albany Medical College is an integral part of a large and active neuroscience community in Albany, which includes SUNY Albany, Wadsworth Center, Rensselaer Polytechnic Institute, and the Neural Stem Cell Institute.

**Responsibilities:** In addition to becoming proficient in laboratory techniques, the research technician will also be expected to manage the research mouse colony, including animal husbandry and genotyping, perform general lab maintenance (e.g. purchasing and maintaining inventories of lab supplies), assist with training new lab members, and aiding in completing lab experiments. Technicians also have the opportunity to lead projects.

**Requirements:** Candidates should have a B.S. in Neuroscience, Biology, Psychology, or a related discipline. Prior research experience with rodents is highly desirable. We are looking for a motivated new teammate with a passion for science, open communication style, and optimistic mindset. Expertise and or background in dementia, sex differences, metabolic disease, or vascular dementia would be beneficial (but not required). Candidates must be willing and able to work with mice.

This full-time position is funded by grants and comes with healthcare benefits. **We value and welcome diversity,** those traditionally underrepresented in STEM are highly encouraged to apply.

Applications should include CV (with GPA), contact information for three professional references, and a cover letter describing major achievements, technical skills, long-term career goals, and how you see your research interests fitting within the scope of our research program.

Please send application materials to Dr. Kristen Zuloaga at [zuloagk@amc.edu](mailto:zuloagk@amc.edu)