

TITLE: <u>Research Technician</u>	SALARY SCHEDULE: <u>Staff</u>	CLASS CODE: <u>SA552</u>
UNION: <u>Staff Association - Local 2071, U.A.W.</u>	SALARY GRADE: <u>4</u>	EEO CODE: <u>50</u>
	FLSA: <u>Non-Exempt</u>	E-CLASS: <u>SA</u>

POSITION PURPOSE

Perform experimental tests and technical laboratory procedures utilizing research animals in support of scientific medical study and research. Work routines are procedural in nature involving moderate complexity and the ability to operate scientific apparatus or technical equipment.

ESSENTIAL JOB FUNCTIONS

- Conduct experimental tests and participate in medical and scientific research utilizing laboratory animals, e.g. mice. Prepare study animals in accordance with research protocols. Provide routine animal husbandry in the care housing, feeding and handling of research animals utilized for experimental study.
- Set-up and prepare experimental test and research procedures. Operate experimental testing equipment and scientific apparatus, e.g. microscope, infusion pump, etc. Administer drugs (e.g. anticancer) in accordance with research protocols; monitor reaction, response and survival rates.
- Maintain and monitor laboratory equipment and material and supply inventory. Order and maintain stock; contact appropriate vendor representatives. Clean laboratory area, equipment and supplies.
- Interface with research investigators, medical professionals and graduate student technicians regarding experimental testing procedures and research protocols. Assist students in routine procedures; train in research methods and procedures as necessary.
- May assist in compiling, recording and reporting research and testing results. Consult with research investigators and professionals regarding research protocols and evaluation of study progress.
- Perform related work as assigned.

ADDITIONAL COMMENTS

This classification is designed to perform complex experimental tests and procedures utilizing technical equipment in support of scientific medical study and research. Work activities are procedural and involve the operation of specialized scientific apparatus or technical equipment, e.g. microscopes, infusion pumps, etc. In addition, work activities are subject to standardized practices and procedures. The incumbent is expected to have knowledge of specialized methods, materials, techniques and procedures used in laboratory experimentation and research. Work activities are performed given the following working conditions factors, i.e. extremely light physical effort, good environmental conditions, moderate controllable hazards (animals) and normal sensory attention. This classification is generally located in a teaching and research department in a School or College of the University. This classification reports to and receives work direction from a research investigator, medical professional, faculty member or management level position.

MINIMUM QUALIFICATIONS

- High school graduate or equivalent combination of education and/or experience; supplemented by coursework in biology, chemistry and/or basic laboratory sciences. Bachelor of Science degree preferred.
- Reasonable knowledge and experience in animal husbandry, e.g. care, feeding, housing and handling of research animals.
- Reasonable knowledge of and/or experience in a teaching and research laboratory.
- Ability to communicate effectively with others.
- Strong organizational skills; keen attention to detail.
- Typically, incumbents have held positions in a teaching and research laboratory or medical facility.