

**ISSUED: 12/93**  
**SALARY CLASS**  
**TITLE: Bone Densitometer Technician SCHEDULE: Staff CODE: SA548**  
**SALARY EEO**  
**UNION: Staff Association – Local 2071, U.A.W. GRADE: 03 CODE: 30**  
**FLSA: Non-Exempt E-CLASS: SA**

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**POSITION PURPOSE**

Perform and assist with experiment tests and procedures utilizing specialized technical equipment and research techniques for purpose of bone density and mineral content study.

**ESSENTIAL JOB FUNCTIONS**

Provide assistance in conducting experimental tests and procedures to support bone density and mineral content study in accordance with established research protocols. Operate complex technical equipment and scientific apparatus for bone density study, e.g. Body Bone Densitometer, Harpenden Stadimeter, etc.; monitor equipment operation, servicing and maintenance.

- Conduct whole body scans and anatomical site scans in accordance with established practices and techniques. Analyze bone density and mineral content data via computerized imaging techniques. Obtain visual acuity score at projected rate, recumbent length and stature for research study.
- Compile research data and input data regarding experimental tests and procedures via computerized data base; maintain study files. Prepare statistical reports which evaluate research protocol and study progress, as well as, support the publication of research papers, manuscripts and grant applications.
- Interview study subjects to obtain necessary data on study patient history as well as to determine inclusion and/or exclusion in study. Interface and consult with appropriate research investigators, and/or medical professionals regarding research protocol, experimental tests and procedures, research findings and/or any problems that may arise.
- Perform related work as assigned.

THIS DESCRIPTION IS INTENDED TO INDICATE THE KINDS OF TASKS AND LEVELS OF WORK DIFFICULTY THAT WILL BE REQUIRED OF POSITIONS THAT WILL BE GIVEN THIS TITLE AND SHALL NOT BE CONSTRUED AS DECLARING WHAT THE SPECIFIC DUTIES AND RESPONSIBILITIES OF ANY PARTICULAR POSITION SHALL BE. IT IS NOT INTENDED TO LIMIT OR IN ANY WAY MODIFY THE RIGHT OF ANY SUPERVISOR TO ASSIGN, DIRECT AND CONTROL THE WORK OF EMPLOYEES UNDER THEIR SUPERVISION. THE USE OF A PARTICULAR EXPRESSION OR ILLUSTRATION DESCRIBING DUTIES SHALL NOT BE HELD TO EXCLUDE OTHER DUTIES NOT MENTIONED THAT ARE OF SIMILAR KIND OR LEVEL OF DIFFICULTY.

### **ADDITIONAL COMMENTS**

This classification is designed to perform moderately complex procedures and work routines operating specialized technical and scientific testing equipment for bone density and mineral content study for purpose of metabolic and bone disease research. Work activities involve thinking within somewhat diversified procedures and are subject to instruction and established work routines and techniques. The incumbent is expected to have a experience following basic research protocols, must possess keen attention to detail as well as a proficiency with scientific equipment operation, e.g. Body Bone Densitometer, Harpenden Stadimeter, etc. In addition, this position is expected to interact with young children and they families, and therefore, must possess strong human relations skills as well as patience. This classification is generally assigned to the Department of Internal Medicine, Division of Endocrinology, Center for Osteoporosis Research. This classification reports to and receives work direction from a research professional and/or faculty member.

### **MINIMUM QUALIFICATIONS**

- High School graduate or equivalent combination of education and/or experience; supplemented by coursework in basic sciences.
- Some knowledge and experience utilizing scientific apparatus and equipment, e.g. Body Bone Densitometer, Harpenden Stadimeter, Supine Measurement Table, Hyundai Optical Drive Super 386 SE, computer, etc.
- Some knowledge of and experience with computer operations.
- Strong organizational skills; keen attention to detail.
- Some knowledge of basic research protocols.
- Ability to communicate effectively with others.
- Typically, incumbents have held positions in a research environment or medical office setting.