At Boston Children's Hospital, success is measured in patients treated, parents comforted and teams taught. It’s in discoveries made, processes perfected, and technology advanced. In major medical breakthroughs and small acts of kindness. And in colleagues who have your back and patients who have your heart. As a teaching hospital of Harvard Medical School, our reach is global and our impact is profound. Join our acclaimed Critical Care Department and discover how your talents can change lives. Yours included.

The Research Assistant II will be responsible for:

- Performing a variety of routine & specialized laboratory tests, specimen preparations & experimental procedures
- Assisting in the use of specialized laboratory equipment & analysis of data generated by this equipment
- Assisting with planning specific research procedures, coordinating schedules of tests & procedures
- Conducting experiments as well as general laboratory maintenance responsibilities. This position will require working with bacterial pathogens & with mice, including surgical procedures & maintenance of transgenic mouse colonies
- Developing & troubleshooting new techniques which have been written up in research literature for the analysis and cloning of DNA, culturing of tissues for analysis and or the display of tissue structure through histological preparations, microscopy and photography
- Maintaining records of results & methodologies into a log of work performed. Compiling & helping analyze data, preparing charts, graphs, & results of studies
- Demonstrating basic laboratory techniques to laboratory assistants & technicians, research fellows, residents & students
- Carrying out all laboratory activities in compliance with applicable regulations & protocols

To qualify, you must have...

- Bachelor's degree in Biology or Chemistry or a closely related field, & six months of previous experience.
- Analytical skills to resolve complex problems requiring the use of scientific, mathematical, or technical principles & in-depth, experienced-based knowledge
- The ability to exchange information on factual matters, schedule appointments, greets visitors, explain hospital policies, and/or relay messages to appropriate personnel. This type of interaction requires courtesy and tact when dealing with patients, visitors and/or hospital employees
- Previous experience in animal research & lab experience. Possess excellent time-management, communication, & interpersonal skills

Experience performing animal studies is required. A background in cell culture, tissue engineering, polymer chemistry, or molecular biology is preferred. The Anderson lab research focuses on the interface of biomaterials science, biotechnology & therapeutics. A qualified candidate will help with performing animal studies in rodents. Implantation of cell-encapsulating devices, taking blood glucose & c-peptide measurements, explantation of devices, whole-animal imaging, histology, fluorescent staining, confocal imaging, FACS analysis, & device fabrication. Candidate would also maintain daily logs/basic records of methodologies & test results. With supervision, may summarize data & interpret results using descriptive statistics & basic hypothesis testing.

Boston Children's Hospital offers competitive compensation & unmatched benefits, including affordable health, vision & dental insurance, generous levels of time off, 403(b) Retirement Savings plan, Pension, Tuition Reimbursement, cell phone plan discounts & discounted rates on T-passes (50% off). Discover your best.

Boston Children’s Hospital is an Equal Opportunity / Affirmative Action Employer. Qualified applicants will receive consideration for employment without regard to their race, color, religion, national origin, sex, sexual orientation, gender identity, protected veteran status or disability.