



## Senior Research Investigator

### University Overview

The University of Pennsylvania, the largest private employer in Philadelphia, is a world-renowned leader in education, research, and innovation. This historic, Ivy League school consistently ranks among the top 10 universities in the annual U.S. News & World Report survey. Penn has 12 highly-regarded schools that provide opportunities for undergraduate, graduate and continuing education, all influenced by Penn's distinctive interdisciplinary approach to scholarship and learning. As an employer Penn has been ranked nationally on many occasions with the most recent award from Forbes who named Penn one of America's Best Large Employers in 2023.

Penn offers a unique working environment within the city of Philadelphia. The University is situated on a beautiful urban campus, with easy access to a range of educational, cultural, and recreational activities. With its historical significance and landmarks, lively cultural offerings, and wide variety of atmospheres, Philadelphia is the perfect place to call home for work and play.

The University offers a competitive benefits package that includes excellent healthcare and tuition benefits for employees and their families, generous retirement benefits, a wide variety of professional development opportunities, supportive work and family benefits, a wealth of health and wellness programs and resources, and much more.

### Posted Job Title

Senior Research Investigator

### Job Profile Title

Research Investigator, Senior

### Job Description Summary

Lead ongoing research projects and the staff of NIH sponsored beta-cell biology projects. Ensure the successful execution of ongoing studies, analyze the scientific results to prepare presentations and write manuscripts based on those results. Conduct research in the field of beta-cell biology, including RNA analysis, cell transfections, conditional transcriptional models, islet isolation, viral transduction of islets, islets transplantation in rodent models, islet perfusion experiments, and whole animal physiology. Collect data for preparation of grant proposals, manuscripts and progress reports in addition to the supervision and training of students and postdoctoral fellows.

## Job Description

### Job Responsibilities

- Lead ongoing research projects and the staff of NIH-sponsored beta-cell biology projects. Ensure the successful execution of ongoing studies, analyze the scientific results to prepare presentations and write manuscripts based on those results. Supervise existing laboratory staff, including facilitation, documentation, analysis and communication needed for ongoing laboratory work on behalf of the Principal Investigator.  
Hands on lab work in the field of beta-cell biology, including RNA analysis, cell transfections, conditional transcriptional models, islet isolation, viral transduction of islets, islets transplantation in rodent models, islet perfusion experiments and whole animal physiology.  
Manuscript preparation. Collecting data for preparation of grant proposals and progress reports. Attend research meetings at local and national levels as needed.  
Train and monitor progress of junior laboratory members, including graduate students and postdocs  
Other duties and responsibilities as assigned.  
Contingent upon funding.

### Qualifications

- Doctor of Medicine, Doctor of Philosophy, and 5 to 7 years of experience required.

### Job Location - City, State

Philadelphia, Pennsylvania

### Department / School

Perelman School of Medicine

### Pay Range

\$36,368.00 - \$95,000.00 Annual Rate

Salary offers are made based on the candidate's qualifications, experience, skills, and education as they directly relate to the requirements of the position, as well as internal and market factors and grade profile.

### Affirmative Action Statement

Penn adheres to a policy that prohibits discrimination on the basis of race, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, citizenship status, age, disability, veteran status, or any other legally protected class.

### Special Requirements

Background check required after a conditional job offer is made. Consideration of the background check will be tailored to the requirements of the job.

To learn more, please visit: <https://www.hr.upenn.edu/PennHR/benefits-pay>