

Overview: QSI RENU Postdoctoral Award of Excellence in Translational Regenerative Engineering

Continuous Open Application – *Reviewed Monthly*

This Postdoctoral Award is a highly competitive program designed to train the next generation of scientists advancing academic research into patient-facing technologies. Trainees engage in transdisciplinary regenerative engineering research at the QSI RENU laboratories at the Simpson Querrey Biomedical Research Center on Northwestern's downtown Chicago medical campus. The training award emphasizes collaboration across engineering and medical disciplines and aims to accelerate the translation of research into real-world clinical impact.

Application Process

Applications are accepted year-round and decisions are communicated within 4-6 weeks of review.

Application Requirements

- **Faculty Advisors:** Applicants must identify two QSI RENU faculty advisors, one from the School of Engineering and one from the School of Medicine; see eligible RENU faculty profiles [here](#).
 - Please review the [faculty commitment overview](#) document and share with prospective advisors to obtain written confirmation from them prior to entering their names on the application.
- **Curriculum Vitae (CV):** Upload as a PDF (maximum 10 MB). The file must be accessible via a shareable link (viewable by anyone with the link).
- **Personal Statement (≤1,200 words):**
Applicants should describe:
 - Interest in regenerative engineering
 - Long-term career goals
 - How the award will support those goals
 - Alignment of QSI RENU with your development
 - Current background and skills you aim to develop
 - How prior research experiences have shaped your trajectory
- **Research Proposal (≤1,000 words):**
Propose a regenerative engineering project that:
 - Aligns with one of [QSI RENU's six research areas](#)
 - Reflects relevant faculty expertise
 - Clearly outlines objectives, methodology, and translational impact
- **Letters of Recommendation (2 required):**
 - One letter must be from applicant's PhD advisor
 - The second letter may be from any other advisor or mentor
 - Letters must be sent directly by recommenders to **Josefina Serrato** (Josefina.serrato@northwestern.edu) who will send confirmation upon receipt
 - Applications are considered **incomplete until both letters are received**

Award Details

- **Salary Support:** \$75,000 over 12 months
- **Benefits:** Full [benefits](#) package included
- **Duration:** One year, renewable for a second year based on performance and funding availability

Project Support

QSI RENU provides annual supply allocations to support trainees' research:

- Up to \$500 for office equipment (e.g., monitor, mouse, keyboard)
- Up to \$1,500 for consumable lab supplies (e.g., pipette tips, cell culture plates and flasks, syringes, needles)

Award Experience

Postdoctoral trainees will:

- Conduct innovative research in translational regenerative engineering
- Collaborate across engineering and medical disciplines
- Work under a co-advisory model with two QSI RENU faculty
- Develop technologies with clear clinical and patient-facing applications

Eligibility

Candidates must:

- Have completed a PhD within the past two years in a relevant field (e.g., biomedical engineering, chemical engineering, materials science, bioengineering, or related disciplines)
 - Candidates who are currently completing their PhD must have successfully defended their dissertation and be able to provide official documentation prior to the start of the award
- Not have previously completed a postdoctoral fellowship
- Propose a project aligned with one of [QSI RENU's six research areas](#)
- Identify and secure agreement from two [QSI RENU faculty](#) advisors

Evaluation Criteria

Applications are assessed based on:

- Scientific and translational merit
- Alignment with QSI RENU research priorities
- Innovation and interdisciplinary potential

We welcome applications from scholars across the globe and encourage candidates from diverse backgrounds to apply.

For further inquiries, please contact: Josefina.serrato@northwestern.edu

[Apply Here](#)

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