

Overview: QSI RENU Postdoctoral Fellowship of Excellence in Translational Regenerative Engineering
Apply Anytime – Reviewed Monthly

This Postdoctoral Fellowship is a highly competitive program designed to train the next generation of scientists advancing academic research into patient-facing technologies. Fellows 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 fellowship 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 reviewed monthly. Decisions are communicated within 4-6 weeks of review.

Application Requirements

Applicants must submit the following materials:

- **Faculty Advisors:** Identify two QSI RENU faculty advisors—one from the School of Engineering and one from the School of Medicine—and secure written agreements from both prior to submission.
- **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 fellowship 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):**
 - Must include one letter from your PhD advisor
 - Letters must be sent directly by recommenders to **Josefina Serrato** (Josefina.serrato@northwestern.edu)
 - Applications are considered **incomplete until both letters are received**

Award Details

- **Stipend:** \$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 fellows' 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)

Fellowship Experience

Postdoctoral Fellows 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 fellowship.
- 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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