



U.S. Department of Veterans Affairs  
Veterans Health Administration  
VA Northeast Ohio Healthcare System



CASE WESTERN RESERVE  
UNIVERSITY EST. 1826

## Biomedical Engineer/Research Technician

### The Project

The research project involves **development and assessment of a biomaterial**. The research project is housed in the Louis Stokes Cleveland VA Medical Center and Case Western Reserve University. We are seeking a candidate who holds **biomedical or mechanical engineering degrees** to conduct daily research activities under the mentorship of a clinician and an engineer. The position requires US Citizenship or an approved Permanent Residency status.

Resumes can be forwarded to Dr. Weidenbecher at [m.weidenbecher@gmail.com](mailto:m.weidenbecher@gmail.com).

### Responsibilities

- Preparation of polymeric formulations
- Manufacturing of formulations as implantable biomaterials
- Testing and characterization of the biomaterial
- Cell culture
- Assistance with surgery and postoperative care in a preclinical animal model
- Collect, store and maintain the data collected and coordinate information between team members
- Ordering research relevant supplies and book keeping

### Minimum Qualifications

- BS or MS in mechanical/biomedical/polymer engineering or similar
- Good organizational and project planning skills are preferred
- Experience with a CAD development environment, some experience with geometric dimensioning and tolerancing
- Experience/exposure to fabrication (CAD, milling, lathe)
- Ability to work collaboratively as a team member
- Report writing of results