Description:

Applications are invited for a Postdoctoral Research Associate in the area of bioMEMS in the Institute for Cellular Engineering Technologies (http://icet.northwestern.edu/) at Northwestern University. The candidate will interact closely with institute investigators from the schools of Engineering, Medicine, and Arts and Sciences. Collaborations with the personnel at the start-up company iNfinitesimal, LLC are also anticipated. The position will involve research at the intersection of engineering and biology with an emphasis on development of nano and micro technologies for biological applications.

Desired Qualifications:

1. Ph.D. in an engineering discipline or physical science
2. Experience with microfluidic platform design and cleanroom microfabrication
3. Working knowledge of electronic instrumentation
4. Strong verbal and written communication skills
5. Ideal candidates will have hands-on experience in cell culture, biological assays, and optical/electron microscopy

Why this is a great opportunity:

• Opportunity to develop real-world applications with potential to be an inventor of technologies for commercial products
• Experience at a top US research university with first-class facilities
• Experience an entrepreneurial environment and participate in events organized by Chicago Innovation Mentors (http://www.chicagoinnovationmentors.org/)
• Many cultural and recreational activities at the university and Chicago area
• Comprehensive benefits

To apply:

Interested candidates should email a CV (including list of publications with journal impact factors), cover letter describing research experience and interests, and the names and email addresses of three references to Professor Horacio D. Espinosa, Director of the campus-wide Institute for Cellular Engineering Technologies, at espinosa@northwestern.edu.