

Research Assistant

We are seeking a motivated and independent research assistant to support the development of a microfluidic device to measure cytokine secretion and phosphorylation of intracellular proteins in single cells. The successful candidate will be part of collaboration with Prof. Rong Fan's research group (<http://www.eng.yale.edu/fanlab/>), with opportunities for co-authorship on resulting publications. To support this collaboration, the research assistant will manage an extensive library of immuno-reagents. In addition, the RA will be trained to fabricate micro-fluidic devices, use these devices to perform experiments, and then validate experimental results using traditional cell-based immunoassays, including enzyme-linked immunosorbent assay (ELISA) and Western blots.

Requirements:

- B.S. in Biology, Biomedical Engineering, or related field, and 2 years of related work experience.
- Previous experience in one or more of the following: enzyme-linked immunosorbent assays (ELISA), Western blots, mammalian tissue culture, lab management, fabrication or use of micro-fluidic devices.
- Proficiency in Microsoft Word, Excel, and Powerpoint.

Assignment start date: 7/1/12 or ASAP

Assignment duration: 2 years

Full-time; standard work week

Yale candidates: please apply through HR.

Non-Yale candidates: please email your CV, including contact details for three references to kathryn.miller-jensen@yale.edu.