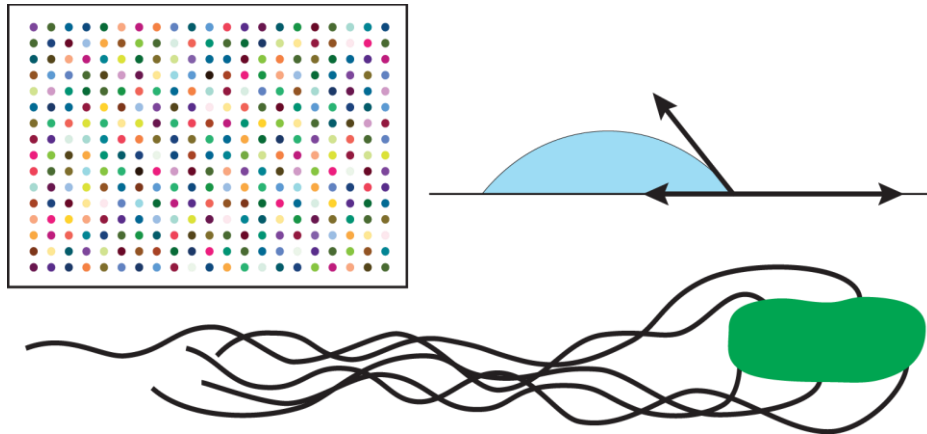




The Rowland institute at Harvard

Cira Lab - Postdoctoral candidate opening



Postdoctoral candidate opening.

Leverage microscale fluid physics for high throughput biology experiments.

Position description:

Many biological systems involve the interaction of large numbers of different components, and many of biology's most pressing questions involve understanding emergent properties of such systems. These questions include, "How do combinations of different microbial species result in community stability?", "How do different genetic variants combine to give resistance or susceptibility to disease?", and "How do RNA expression levels give rise to different cell types?" Answering questions like these will require numbers of experiments commensurate with the complexity of the systems being studied. The Cira lab is developing technologies to enable new scales of experimental throughput and using them to untangle complex biological systems.

Funding is available for a postdoctoral position. Salary is competitive, and the Rowland Institute is located at the center of the Boston/Cambridge area.

The ideal candidates will have some knowledge in one or more of the following: mini- and microfabrication, capillarity and wetting phenomena, surface treatments, superomniphobic surfaces, microfluidics, programming, high throughput sequencing/genomics, and quantitative biology.

Contact:

Interested candidates should send a cover letter and CV to Dr Nate Cira:
cira@rowland.harvard.edu

Lab webpage:

<http://www.ciralab.rowland.harvard.edu>

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation or any other characteristic protected by law.