

Call for applications

National Institute of Standards and Technology
Cellular Engineering Group

Postdoctoral Associates

Material Measurement Laboratory

The Cellular Engineering Group at the National Institute of Standards and Technology in Gaithersburg, Maryland, invites applications for multiple postdoctoral researcher positions available immediately as part of its growing investments in living measurement systems.

New measurement methods and tools are required for biology to emerge fully as an enabling, practical platform for engineering. The Cellular Engineering Group works to provide a foundation of measurement assurance to support the control and rational design of biological function. We are recruiting applicants in synthetic biology and machine learning. Of particular interest is the development of new approaches to measure, understand, predict, and control information, learning, function, and evolution across the spatial and temporal scales of biological organization, although related ideas in other topics are welcome. We are seeking independent, motivated individuals with good communication skills and backgrounds across the physical, engineering, chemical, and biological disciplines to contribute to this collaborative, interdisciplinary Team. Facilities include state of the art systems for automated microbial engineering, culture, and measurement, synthetic biology, single molecule techniques, and cleanroom fabrication and characterization.

Applicants are encouraged to contact Elizabeth Strychalski at elizabeth.strychalski@nist.gov.

Please visit: <https://www.nist.gov/mml/bbd/cellular-engineering-group>
<https://www.nist.gov/people/elizabeth-strychalski>

The appointment provides an annual stipend of \$72,030 (plus benefits and travel stipend). The Department of Commerce is an Equal Opportunity Employer.