



Postdoctoral Position in Nanotechnology and Synthetic Biology

*Laboratory for Self-assembly and Adaptive Systems
Laboratory for Cell-Free Synthetic Biology
PIs: Michael C. Jewett & Bartosz A. Grzybowski
Northwestern University*

One postdoctoral fellowship is available for up to three years, with competitive salary and travel support. The position is at the interface of nanotechnology and synthetic biology in the Jewett and Grzybowski laboratories at Northwestern University. The laboratories are a part of the Department of Chemical and Biological Engineering, department of Chemistry and the Chemistry of Life Processes Institute.

We seek a highly motivated individual who is poised to develop novel technologies involving synthetic ribosome self-assembly and fabrication of nano-architectures. Due to the interdisciplinary nature of this research, a PhD in molecular biology, genetics, or biochemistry is required. In addition, experiences with translation, RNA biology, ribosome self-assembly or ribosome display is strongly preferred. Successful candidates should have at least two publications (or pre-prints), be able to communicate and work with collaborators (students, postdocs and faculty), and be able to carry out research and develop ideas independently.

Founded in 1851, Northwestern University is one of the world's premiere research universities. The University has a long history of leadership in interdisciplinary research programs and centers. The mission of the Chemistry for Life Processes Institute, for example, is to draw together Northwestern's strengths in chemistry, engineering, biology and medicine, with the goal of fostering a new wave of innovation, and providing both basic and real world scientific outcomes derived from the molecular basis of life. Northwestern University is located along the southwestern shore of Lake Michigan in Evanston, IL. It provides researchers exceptional opportunities for intellectual, personal, and professional growth in a setting enhanced by the richness of Chicago.

Interested applicants should send a cover letter stating their career objectives, research interests, and ideal scenario for a postdoc, together with CV, including names and contact details of three references to Prof. Jewett (m-jewett@northwestern.edu).

