

Faculty Name:

Oleg Gang

Faculty Email:

og2226@columbia.edu

Lab:

Gang Lab

Project Title:

Mechanical properties of nanoscale frameworks

Description:

The project will involve templating of three-dimensional DNA frameworks into silica and other materials using a group-established methods, following by their details electron microscopy characterization. The formed nano-structures will be studied using nano-indentation to explore their mechanical properties.

Location of Research:

On-Site

of hrs/week:

40

Department/Program:

Chemical Engineering

Eligibility:

BS, Second Year, BS, Third Year, BS, Fourth Year

To apply, please contact:

Oleg Gang og2226@columbia.edu