

**Indiana University - Tsinghua University
Summer Research Experience 2020
Position Description**

Professor's Name	Li Liang-Shi
Department	Chemistry
Lab website	https://li.lab.indiana.edu/index.html
Position Description	Our group in general is focused on developing well-defined carbon-based materials to tackle long-standing challenges in renewable energy, environment, and medicine. A summer project is available on synthesizing well-defined colloidal graphene quantum dots for photocatalytic reduction of nitrate, a toxic pollutant in the global water systems. Participating students will gain experience in organic synthesis and catalytic studies
Desired Skills & Background	