

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

<b>Professor's Name</b>	<b>Li Liang-Shi</b>
Department	Chemistry
Lab website	<a href="https://li.lab.indiana.edu/index.html">https://li.lab.indiana.edu/index.html</a>
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	