

The long island subsection Of The New York American chemical society

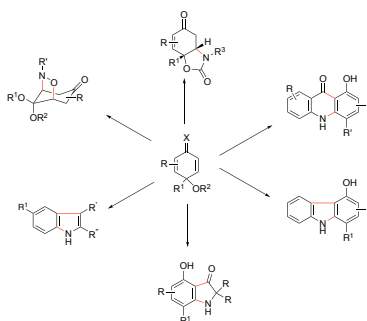
Proudly presents

Dr. Shengping Zheng,

from Hunter College of CUNY, Department of Chemistry

Title of Talk: “Heterocycle Syntheses from Quinoids”

Synopsis: Heterocycles are ubiquitous in nature and arguably the molecular basis of the pharmaceutical industry: Well over half of all known organic compounds and about 90% of new drugs are heterocycles. Our group is interested in developing new methodologies on the synthesis of different heterocycles from quinoids, such as quinone monoketals, quinone imine ketals, and quinols. These quinoids can be easily prepared in one step from the commercially available phenols or anilides by hypervalent iodine oxidation. Our group has developed new synthesis of acridones, isoxazolidines, indoles, carbazoles, pseudoindoxyls, and oxazolidinones from quinone monoketals and quinols in one or two steps.



All are welcome!

When: Thursday, March 7th, 2019

Where: Queensborough Community College, Science Building Rm S-112

Time: 5:30 p.m. – Social w/ Light Refreshments; 6:00 pm – Seminar Start

Directions: <http://www.qcc.cuny.edu/about/driving.html>

After Seminar Dinner: At a nearby restaurant, \$25 per person.