

HONORS

Madeline Brass

Spatial Encoding with Single-sided NMR

Zhenyu Han

1,4-Benzoquinone and 1,4-Naphthoquinone Natural Products:
C-H Functionalization and Enzymatic Activity

William Lake

Electrocatalysis for Proton and Oxygen Reduction Reactions

Danielle Long

Determinations of Proton Affinities of Methylated Cysteine and
Serine Homologs

Pauline Lynch

Exploring the Blinking Dynamics of Eosin Y Photosensitizers for Dye-
Sensitized Photocatalysis Using Single-Molecule Spectroscopy

Indira Stevens

Iron Complexes for Photocatalytic Hydrogen Generation

Christopher Travis

Development and Optimization of Bioconjugations to probe and
Modulate Protein Function

Anna Tsutsui

Characterizing Flame-resistant Polymers using Single-sided NMR

Xiye Wang

Construction of Bicyclo[2.2.2]diazaoctane Scaffolds via
Intermolecular Diels-Alder: Synthesis of (\pm)-Brevianamide B
and Progress Toward (+)-Serantrypinone

Hall Zhang

Atomic Force Microscopy Measurements of Interfacial Forces
Between Boron Nitride and Polymers for Development of an
Optimum Nano-Composite