

# Nan Chen

Senior Lecturer in Chemistry



## Courses Taught

**CHEM 1010** Introductory Chemistry I Recitation

**CHEM 1020** Introductory Chemistry II Recitation

**CHEM 1110** Introductory Chemistry I Laboratory

**CHEM 1120** Introductory Chemistry II Laboratory

**CHEM 2610** Organic Chemistry I Laboratory

**CHEM 2620** Organic Chemistry II Laboratory

**CHEM 4000** Independent Research in Chemistry

## Research Interest

- Development of Experimental Method for Both Introductory and Organic Chemistry Laboratories
- Synthesis of Natural Products and Bioactive Compounds
- Synthetic Methodology

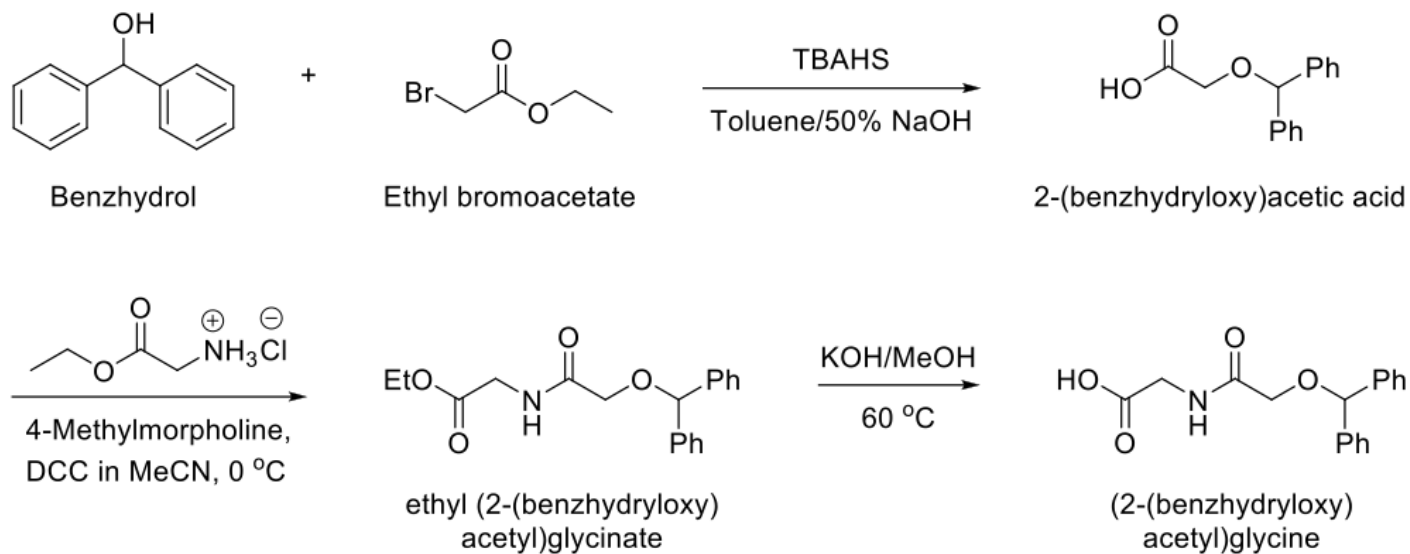
# Professor Chen: Current Project

Synthesize NSAID metabolites

Advisee: Sarah Corbin

- Synthesize Benadryl metabolites for use in forensic entomology.

## Reaction Scheme



# Professor Chen: Current Project

Synthesize a Library of UV  
Protectant Molecules

Advisee: Arielle Gilliam

- Synthesize avobenzene derivatives to improve photostability via skeletal structure modification.
- Determine the relationship of Avobenzene derivatives photochemical properties through absorption of UV and visible light.

## Reaction Scheme

