
Wenping Zou

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EDUCATION

PhD, (Bio)Chemistry

May 2022

- *University of Houston, Houston, TX*

MS, Chem

Jun. 2017

- *University of Science and Technology of China (USTC)*

BS, Chem

Jun. 2014

- *HeFei University of Technology (HFUT)*

SUMMARY OF RESEARCH SKILLS

Organometallic * Organic Synthesis * Polymer Synthesis * PCR * Protein Synthesis

RESEARCH INTERESTS

Protein-based Fluorescent Sensor, Metallomics, Microbiology

AWARDS AND HONORS

- National Scholarship for Postgraduates, 2016-2017, 3000\$

RESEARCH EXPERIENCE

Sep. 2017 – Present

Dissertation Research

NSM/Chem, Houston, TX

Oxygen-Independent Protein-based Fluorescent Sensors Design, Synthesis and Application

(The initial research: Sensor *CreiLOV* with a micro-molar binding affinity with copper has been published)

TEACHING & MENTORING EXPERIENCE

Teaching Assistant

2017-2018& 2018-2019 Academic year

Organic Lab I

Main duty: Prepare and arrange the lab experiments for undergraduates (Including: grading and tests)

PROFESSIONAL EXPERIENCE

Sep. 2016 – Jun. 2017

Narrator of Academy Memorial Hall

PUBLICATIONS AND PRESENTATIONS

Publications

- **Wenping Zou**, Khoa Le and Melissa L. Zastrow*, *ChemBioChem* 2020, 21, 1.
- **Wenping Zou**, Wenmin Pang and Changle Chen *, *Inorganic Chemistry Frontiers* 2017, 4, 795.
- **Wenping Zou** and Changle Chen *, *Organometallics* 2016, 35, 1794.
- Min Chen, **Wenping Zou**, Zhengguo Cai and Changle Chen *, *Polym. Chem.* 2015, 6, 2669.

Oral Presentations

- “Enzyme Evolution and Applications” Student Seminar, Mar. 2019

PROFESSIONAL AFFILIATIONS

The Leader of Student Chorus, 2011-2012 Academic year

COMPUTER EXPERIENCE

- Programming Skills – C programming language, Python