

# Shilong Su

Personal Website: <https://sushilong.netlify.app/>

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## EDUCATION

- **The Chinese University of Hong Kong (CUHK)** Shatin, New Territories, Hong Kong SAR, China  
*PhD Candidate in Chemistry* August 2022 - Present
- **Beijing Normal University (BNU)** Beijing, China  
*Bachelor of Science in Chemistry* September 2018 - June 2022
- **Beijing Normal University** Beijing, China  
*Liyun College: Class of Chemistry* September 2019 - June 2022
- **Beijing Normal University** Beijing, China  
*Minor: Bachelor of Art in Chinese Language and Literature;* September 2019 - June 2022

## RESEARCH EXPERIENCE

- **Department of Chemistry, CUHK** Graduate Research Assistant  
*Advisor: Prof. Qian Miao* Aug 2022 - Present
  - **Polycyclic Aromatics for Organic Electronics:**  
Synthesis, properties and device application of novel  $\pi$ -conjugated organic semiconductors
- **College of Chinese Language and Literature, BNU** Undergraduate Thesis Project  
*Advisor: Dr. Yiyun Wu* Dec 2021 - May 2022
  - 庾信赋《左传》用典研究 (Research on Yu Xin's Allusion of *Zuo Zhuan* in its Fu):
- **College of Chemistry, BNU** Undergraduate Thesis Project  
*Advisor: Prof. Zhong-Lin Lu* Oct 2021 - Jun 2022
  - **Template Directed Synthesis of Phenylacetylene Macrocycles:**  
Attempts on the Synthesis of Phenylacetylene Macrocycles under the assistant of covalently linking template. Multiple Step Organic Synthesis
- **College of Chemistry, BNU** Undergraduate Researcher  
*Advisor: Prof. Louzhen Fan* Apr 2019 - May 2021
  - **Purification of Carbon Quantum Dots synthesized from Citric Acid:**
  - **Trials on Synthesis of Carbon Dots with fluorescence-phosphorescence dual emission:**
  - **Trials on the Synthesis of narrow-bandwidth emissive fluorescent Carbon Dots:**

## PUBLICATIONS

2. Ka Man Cheung, Yongming Xiong, Sai Ho Pun, Xingjian Zhuo, Qi Gong, Xingwei Zeng, **Shilong Su**, Qian Miao, Negatively curved molecular nanocarbons containing multiple heptagons are enabled by the Scholl reactions of macrocyclic precursors, *Chem*, **2023**, 9 (10), 2855-2868
1. Cheng-Yan Wu, **Shilong Su**, Xi Zhang, Rui Liu, Bing Gong, and Zhong- Lin Lu. Covalently Linked Hexakis(m-Phenylene Ethynylene) Macrocycles as Molecular Nanotubes. *Angewandte Chemie International Edition*, **2023**, 62, e202303242

## TEACHING

- **Department of Chemistry, CUHK**  
*Graduate Teaching Assistant* Sep 2022 - Present
  - **CHEM 1280B (CHEM 1280B Introduction to Organic Chemistry and Biomolecules):**  
Lecturer: Dr. Cat Chui-Man Lo  
Jan 2024- Apr 2024, Jan 2023- Apr 2023

- **CHEM 2860 (Integrated Chemistry Laboratory I (Organic Chemistry)) & CHEM 2862 (Fundamental Organic Chemistry Laboratory) :**

Lecturer: Dr. Kendrew Kin Wah Mak

Sep 2023 - Nov 2023, Sep 2022- Nov 2022

- **College of Chemistry, BNU**

*Undergraduate Teaching Assistant*

*Sep 2020 - Jan 2021*

- **Organic Chemistry IA (bilingual) 2020 Fall Semester:**

Lecturer: Prof. Zhong-Lin Lu

## HONORS & AWARDS

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### PhD Study

*Best Poster Award (Gold Prize), IUMRS-ICEM 2024, Hong Kong*

*May 2024*

*CUHK Vice-Chancellor's PhD Scholarship*

*Feb 2022*

### Undergraduate Study

*Outstanding Graduates of BNU*

*Jun 2022*

*Yuanzigaoke Scholarship-Excellent Undergraduate Award*

*Dec 2021*

*15th (2021)Liyun Scholarship-Excellent Undergraduate award-First Prize(6/all BNU undergraduates)*

*Dec 2021*

*Jingshi Scholarship-First Class*

*2019,2020,2021*

*Competition Scholarship-First (twice) and Second Class(Once)*

*2019,2020,2021*

*National Scholarship*

*2019,2020*

## EXTRACURRICULAR ACTIVITIES

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- **BNUChem-ugjc(Undergraduate Journal Club, BNU Chemistry)**

Jul 2021 - present

*Founder & Organizer: Activity reports, paper-sharing,invited review, etc.*

<https://bnuchem-ugjc.github.io>