

Shilong Su

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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

PROFESSIONAL ACTIVITIES

Members of the Chinese Chemical Society since Sep 2024

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 π -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

3. Yongming Xiong, Xue Lin Ma, **Shilong Su** and Qian Miao, Synthesis, structure and π -expansion of tris(4,5-dehydro-2,3:6,7-dibenzotropono), *Beilstein J. Org. Chem.*, **2025**, 9 21, 1-7
2. Ka Man Cheung, Yongming Xiong, Sai Ho Pun, Xingjian Zhuo, Qi Gong, Xingwei Zeng, **Shilong Su**, and 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. *Angew. Chem. Int. Ed.*, **2023**, 62, e202303242

ACADEMIC PRESENTATIONS

Poster Presentation

- Junior ACP 2024, HKUST, Hong Kong, China* Nov 27-28, 2024
- IUMRS-ICEM 2024, Hong Kong, China* May 17-20, 2024
- The 30th Symposium on Chemistry Postgraduate Research in Hong Kong, online* Apr 6, 2024

TEACHING

- **Department of Chemistry, CUHK**
Graduate Teaching Assistant *Sep 2022 - Present*
 - **CHEM 1870 (Chemistry Laboratory: STEM Daily Life):**
Lecturer: Dr. Yu-San Cheung
Jan 2025- Apr 2025
 - **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

PhD Study

<i>Best Poster Award (Gold Prize), IUMRS-ICEM 2024, Hong Kong</i>	<i>May 2024</i>
<i>CUHK Vice-Chancellor's PhD Scholarship</i>	<i>Feb 2022</i>

Undergraduate Study

<i>Outstanding Graduates oof BNU</i>	<i>Jun 2022</i>
<i>Yuanzigaoke Scholarship-Excellent Undergraduate Award</i>	<i>Dec 2021</i>
<i>15th (2021)Liyun Scholarship-Excellent Undergraduate award-First Prize(6/all BNU undergraduates)</i>	<i>Dec 2021</i>
<i>Jingshi Scholarship-First Class</i>	<i>2019,2020,2021</i>
<i>Competition Scholarship-First (twice) and Second Class(Once)</i>	<i>2019,2020,2021</i>
<i>National Scholarship</i>	<i>2019,2020</i>

EXTRACURRICULAR ACTIVITIES

- **BNUChem-ugjc(Undergraduate Journal Club, BNU Chemistry)** Jul 2021 - present
Founder & Organizer: Activity reports, paper-sharing,invited review, etc. <https://bnuchem-ugjc.github.io>