

# Shilong Su

Personal Website: <https://shilong-su.github.io>

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## EDUCATION

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- **The Chinese University of Hong Kong (CUHK)** Shatin, New Territories, Hong Kong, China  
*Graduate Student 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

## ACADEMIC VISITING

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- **College of Physical Science and Engineering, Cardiff University** Cardiff, Wales, UK  
*"Catalysts in Chemistry" Summer School* July 20th - August 3rd, 2019
- **Oxford Prospects and Global Development Institute** Remote Online  
*Oxford Prospect Programme: Fundamentals of Human Science and Tutorials* 3rd Aug -18th Sep, 2020

## RESEARCH EXPERIENCE

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- **Department of Chemistry, CUHK** Graduate Research Assistant  
*Advisor: Prof. Qian Miao* Aug 2022 - Present
  - **Thesis title yet to be decided:**  
Will mainly focus on the synthesis 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 - Present
  - **庾信赋《左传》用典研究(Research on Yu Xin's Allusion of Zuo Zhuan in its Fu):**  
Systematic Statistical Analysis, Synchronic and Diachronic Analysis of Yu Xin's Allusion of Zuo Zhuan in its Fu.
- **College of Chemistry, BNU** Undergraduate Thesis Project  
*Advisor: Prof. Zhong-Lin Lu* Oct 2021 - Present
  - **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:**  
*Supported by 2020-2021 National Undergraduate Innovation Research Funds, excellent project in BNU*  
Systematically Purify the Carbon Dots synthesized from citric acid precursors  
Characterize each component, hypothesizing its fluorescent mechanism  
Improve the stability of citric acid carbon dots via different precursors
  - **Trials on Synthesis of Carbon Dots with fluorescence-phosphorescence dual emission:**  
*Supported by 2019-2020 BNU Undergraduate Research Funds*  
Trying Different Precursors to synthesize dual-emissive carbon dots
  - **Trials on the Synthesis of narrow-bandwidth emissive fluorescent Carbon Dots:**  
Trying Different Precursors to synthesize narrow-bandwidth emissive carbon dots, characterize its emissive properties

## PUBLICATIONS

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Waiting for Something New!

## TEACHING

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- **Undergraduate Teaching Assistant, College of Chemistry, BNU** Sep 2020 - Jan 2021  
*Organic Chemistry IA (Bilingual) 2020 fall semester* Lecturer: Prof. Zhong-Lin Lu

## HONORS & AWARDS

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### PhD Study

*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>