

EDUCATION

Dickinson College | Carlisle, PA, USA

Expected graduation date: 05/2024

- Double major in Chemistry with ACS Certification and Data Sciences
- GPA: 3.97/4.00
- Advisor: Professor Michael Holden and Professor Dick Forrester

RESEARCH EXPERIENCE

Undergraduate Research | Bioluminescent Tools for Measuring Cellular Interactions

01/2022 - Present

*A collaborative research project with professor Colin M. Rathbun at the Chemistry Department of Dickinson College*

- Synthesize peptides of bioluminescent tools with the ultimate goal of studying cellular interactions.
- Tuning emission wavelength of bioluminescence from blue to green which can be used later for multicomponent imaging.
- Experience in organic synthesis and laboratory instruments: LCMS, Prep HPLC, UV-Vis.

PRESENTATION

Summer Research Seminar – Dickinson College

07/2022

Tuning emission wavelengths of bioluminescence through fluorophore labeling.

WORK EXPERIENCE & COMMUNITY SERVICE

Teaching Assistant | Math Department at Dickinson College

01/2022 – 05/2022

- Work with professor to assist, mentor, and tutor students in Multivariable Calculus class.
- Hold weekly review sessions at Math Help Room and guide students with homework.

Library Service Consultants | Dickinson College Library

08/2021 – Present

- Communicate policies with diverse groups of people, provide meaningful and efficient assistance, greet visitors.
- Understand library classification structure, follow proper shelving techniques, organize collections within various library areas, and utilize specialized library software to process library collection.

Head of Events | Vietnamese Student Society at Dickinson College

10/2021 – Present

- Promote events at college for students.
- Coordinate events by contacting guest speakers/coaches, support event technicalities

Teaching Assistant | Private Tutoring

02/2019 – 12/2020

*A series of basic and advanced Chemistry courses dedicated to students aged between 14 and 18.*

- Assisted teachers with lesson preparation by getting materials ready and setting up experiments.
- Designed fun, easy-to-do chemistry experiments and taught students about lab safety rules.

HONORS AND AWARDS

Horace Elton Rogers Scholarship – Dickinson College (Chemistry Department)

05/2022

Benjamin Rush Scholarship – Dickinson College

08/2022 - Present

Caribou Mathematics October Contest – Top 19 (International level, Online)

2019 - 2020

Nation-wide Merit Competition – Finalist (Vietnam, Chemistry)

2018 - 2019

Gold Medal in Chemistry – Central Costal and Northern Region-wide of Vietnam Merit Competition

2018 - 2019

Bronze Medal in Chemistry – Central Costal and Northern Region-wide Merit of Vietnam Competition

2017 - 2018

First Place in Chemistry – Danang City-wide Merit Competition

2017 - 2018

LANGUAGES

Vietnamese: Native proficiency

English: Bilingual proficiency (IELTS: 7.5 ~ C1 Certificated)

French: Elementary proficiency (TCF B1 certificated)

HOBBIES

Art: Piano, guitar, ukulele (self-study), drawing, photography.

Sport: Badminton.

Craft: Embroidery.