

NHI X LUU

Silver Spring, MD 20906

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nluu1

(240) 584-1439

EDUCATION

UMBC at the Universities at Shady Grove
B.S., Biotech (TLST) - Bioinformatics; GPA: 4.0

Rockville, MD
Expected: Fall 2023

University at Maryland - College Park
Credits: 32

College Park, MD
Jan 2018 - May 2019

Montgomery College
A.S., Life Sciences; GPA: 3.83

Rockville, MD
Dec 2017

TECHNICAL SKILLS & KNOWLEDGE AREAS

- **Laboratory:** Immunofluorescence, RT-PCR, Column chromatography, Cells culturing/fixation, Spheroids culture, Western Blot, other staining techniques (HE, ORO, gram stain)
- **Programming Language:** Python [intermediate] ,R [beginner] for descriptive statistics; Unix Shell
- **Software:** ImageJ, MS Office, BLAST (beginner), Zeiss Zen, ImagePro
- **Language:** Vietnamese (native spaker)

RESEARCH EXPERIENCE

Montgomery College – Biology Department

Rockville, MD

Research Assistant – Wound Healing Model Research

07/2021- Present

- Establish optimal conditions for spheroid co-cultures in 3D to observe their interactions and patterns
- Perform tissue culture, scratch wound assay, immunofluorescence, HE staining on different cell lines for image and statistical analysis
- Developed and optimized lab protocols for future research projects on spheroids and viability with drugs

Student Assistant – Novel Solutions to Wound Healing Project

01/2017- 12/2017

- Independently presented a 20-page Literature Review Presentation on the *Development of a Full-Thickness Human Skin Equivalent Derived from TERT-Immortalized Keratinocytes and Fibroblasts*
- Pioneered ideas to a published literature review on Springer: *Skin wound Healing: Refractory Wounds and Novel Solutions* (first online 24 May 2018)

ADDITIONAL EXPERIENCE

Universities at Shady Grove

Rockville, MD

Student Contributor - Extra Curricular

04/2022- Present

- Conduct descriptive statistics on Cardiology dataset using R/Python
- Update and monitor version controls of scripts on GitHub project repositories

University of Maryland

College Park, MD

Graphic Design Chair – Societies of Asian Scientists and Engineers

07/2018- 02/2019

- Collaborated and hosted SASE Northeast Regional Conference, providing opportunities to 500+ attendees to interact and recruited by sponsoring companies (CIA, U.S. Army, Navy, PG, Google)

Montgomery College

Rockville, MD

Chemistry/Biology Peer Tutor – Ackerman Learning Center

09/2016- 12/2017

- Tutored, assisted students/peers on General/Organic Chemistry, and Biology materials

MEMBERSHIPS

◦ Biotech Club - UMBC Shady Grove

02/2022 - Present

◦ Societies of Asian Scientists and Engineers (UMD Chapter)

07/2018- 02/2019