

Bao Huy Huu Pham

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Education

Miami University – Oxford, Ohio

Bachelor of Science | Major: Biochemistry | Co-major: Premedical Studies

Graduation: May 2021

Cumulative GPA: 3.986

- Recipient of International Education Scholarship and RedHawk Excellence Scholarship.
- President's List Fall in 2017 and Spring 2018 Semesters.

Objective

- To actively engage in challenging and dynamic neuroscience research, study the human brain, and understand the causes and treatments for mental illnesses.

Skills

- Cooperative in working with others in group projects, willing to listen to constructive feedback and opposing ideas.
- Concise and professional in articulating written communication and correspondence.
- Have thorough understanding of organic chemistry lab techniques, able to successfully set up and carry out elaborate experiments.
- Qualified in execution of first aid, adult CPR/AED, and pediatric CPR by the American Red Cross.
- Proficient in computer skills and usage of Microsoft Office software, e.g. Word, Excel, and PowerPoint.
- Experienced with fingerstyle guitar skills and public performance.

Research experience

Miami University, Dr. Kathleen Killian's lab

Spring 2018 – present

- Examined the role of a gene of interest, *FMR1*, on a cricket species' ability to produce new neurons, behavior, and immune system.
- Fed cricket colonies with water and food, counted offspring hatching from eggs.
- Conducted cricket fights between males to study the tangible effects of the FMR1 gene knockdown on their agonistic behavior.
- Synthesized and purified biological macromolecules, e.g. double-stranded RNA, cyclic DNA, in preparation for the knockdown of the FMR1 gene.

Volunteer experience

McCullough-Hyde Hospital, Emergency Department

Spring 2018 – present

- Organized and sanitized rooms for up to 10 incoming patients every shift.
- Transported patients to specialty rooms for X-ray and CT scanning.
- Transferred patients' blood and bodily fluid samples to the diagnostic lab.

American Medical Student Association (AMSA)

Fall 2017 – present

- Participated in *Run for world health* to raise on-campus students' awareness of physical well-being.
- Helped 2–4 senior households in Oxford with raking leaves and cleaning their gardens in the winter.

Campus Community Service and Engagement

Fall 2017 – present

- Set up and decorated *UniDiversity* festival at the uptown park for more than 200 attendees.
- Catered for the annual meeting of the Oxford Bible Fellowship where over 100 people attended.