

Clayton Hicks

Education

Indiana University School of Medicine, Indianapolis, IN

Doctor of Medicine

August 2022 – May 2027

Master in Bioethics

May 2027

Whole Person Care Preceptorship, Medical Strategic Network, Loma Linda, CA

June 2022 – July 2022

Purdue University, West Lafayette, IN

August 2018- May 2022

Bachelor of Science: Biochemistry, Bachelor of Arts: Philosophy

Certificate: Medical Humanities, Dean's Scholars, Leadership Development; Minor: History

University of Exeter, Exeter, UK

January 2020-May 2020

Semester-long Academic experience taking 4 courses in Medical History and the Philosophy of Science

Work/Research Experience

Tutor, Indiana University School of Medicine

August 2023-Present

- Develop individualized study plans for medical students based on IUSM curriculum
- Enhance student learning through both group and individual tutoring sessions

Summer Scholar, Indiana University School of Medicine, CUPID Program

May 2023 – August 2023

- Conducted radiation oncology research using a cell culture model
- Advocated on Capitol Hill for new legislature impacting cancer survivors
- Engaged in daily academic presentations relating to cancer disparities and treatment modalities

Undergrad Teaching Assistant, Purdue University, Department of Biochemistry

August 2020 – May 2022

- Enhance learning for 80+ students (per semester) in introductory Biochemistry course by development of new assignments
- Educate students through hosting 1-on-1 meetings and providing feedback on assignments to improve content understanding

Undergrad Teaching Assistant, Purdue University, Department of Philosophy

January 2022 – May 2022

- Evaluate student performance in Environmental Ethics course through evaluation of papers and exams
- Engage with students by facilitating class discussion on course material

Tutor, IU School of Medicine

June 2023- Present

- Work with students to create successful study plans and strategies
- Host teaching review sessions to explain content through student directed individualized plans

Research Student, CUPID Program, IU School of Medicine

May 2023- August 2023

- Conduct cell culture experiments relating to new therapies in radiation oncology
- Advocate on Capital Hill on bills relating to cancer survivorship

In-House Clinical Research Associate Intern, Labcorp Drug Development, Nashville, TN

June 2021 – August 2021

- Improved tactics used to organize the review of clinical documents of trial sites
- Led transfer of training documents from old to new branding for CRA department
- Developed deeper presentation skills through weekly "Speech Club" and final presentation of summer work

Undergraduate Research Student, Purdue University, Department of Biochemistry, Dr. Ann Kirchmaier

January 2019 – May 2021

- Conduct yeast knock-out experiment to study effects of genes of interest using PCR and rtPCR methods
- Develop skills in database mining to find trends in genes relating to cancer genotypes
- Communicate goals and results of the project to secure multiple grants and produce a final research paper

Manufacturing/Tech Service Intern, Elanco, Indianapolis, IN

June 2020 - August 2020

- Optimized bioinformatic pipeline for bacterial strain improvement
- Presented bacterial genetic engineering improvements to company leadership for future implementation
- Communicated challenges and future steps of the research unit to others across scientific and non-scientific disciplines

Research Intern, Case Western CanSUR Program, Cleveland, OH

June 2019 - August 2019

- Maintained cell lines and performed drug treatments and cell growth assays in the lab of Dr. John Letterio
- Mentored and trained high school students on principles of cancer research and proper lab techniques
- Presented final research in CanSUR Program Symposium and participated in weekly lectures from faculty

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Leadership and Extracurricular Activities

- Voting Member, Curriculum Council Steering Committee** May 2023 – Present
- Guide Indiana University School of Medicine’s Mission to provide excellent medical education
 - Prepare IUSM for recertification through analysis of the current curriculum
- Vice President, Oncology Student Interest Group IUSM** August 2022 – Present
- Connect students with career mentorship and research opportunities in the field of oncology
 - Develop professional development events related to oncology
- Class Representative, Medical Ethics Student Interest Group IUSM** August 2022 – Present
- Communicate events to peers and encourage attendance
 - Develop professional development events related to Medical Ethics
- Student Representative, First Year Experience Committee IUSM** October 2022 – Present
- Organize orientation program for first year medical students
- Student Representative, Student Curriculum Committee IUSM** October 2022 – Present
- Advocate student needs and concerns from course feedback to course directors through analyzing feedback forms
- Student Representative, Purdue College of Agriculture Awards Committee** October 2021 – May 2022
- Contribute to the selection of winners of prestigious awards for the College of Agriculture
- Study Abroad Committee** October 2021 – May 2022
- Develop a new strategic plan for Study Abroad Programs within the College of Agriculture
- Curriculum and Student Relations Committee** Sept. 2020 – May 2021
- Advocated for student representation at college level on topics of academic programs and student opportunities
 - Developed personal understanding of inner workings of academia and higher education through direct work
- Vice-President of Events/Recruitment & Outreach, Purdue Foundation Student Board, Purdue University** August 2019 – May 2022
- Organize events to promote philanthropic mindsets in university students through outreach and training seminars
 - Develop talented underclassmen at Purdue and recruit them into the PFSB family
 - Foster interdependence between committees and individuals to reach stewardship and education goals
- Student Recruiter, Honors College Ambassador, Purdue University** August 2018 – May 2022
- Recruit prospective students to the Honors Program through organizing recruitment events
 - Represent the Honors Program to incoming students, faculty, and outside visitors to campus
- Dean’s Scholars, College of Agriculture** August 2018 – May 2022
- Mentor group of freshmen Ag students through speaker activities and leadership development
 - Present over experiences in research, leadership development, community service, and campus involvement to freshmen
- Mentor, Purdue Chapter of the American Medical Student Association** August 2020 – May 2022
- Coordinate activities with underclassmen on a medical school trajectory to help prepare them for the application process
 - Contribute advise to pre-med students on research, volunteer, and clinical opportunities
- Peer Mentor, Global House Program, Purdue University** August 2020 – May 2021
- Coordinate weekly meetings with International Purdue students to facilitate community across virtual settings
 - Present weekly to incoming international students on study tips, academic life, and extracurricular activities on campus
- Council Member, Purdue Agricultural Council, Purdue University** December 2018- December 2020
- Served as liaison between clubs and the College by voicing concerns and complaints
 - Planned events that foster unity between clubs and students in the College of Agriculture
- College Mentor, Purdue College Mentors for Kids, Purdue University** August 2018 – December 2019
- Motivated elementary mentee to pursue growth in community involvement, diversity, education, and volunteerism
 - Guide 2-hour weekly event with 15 elementary students to foster a mentorship relationship with an undergraduate student
- Promotional Officer, Old Masters, Purdue University** August 2018 – May 2022
- Connect current students to distinguished alumni by hosting a large-campus wide events and creating mentor groups
 - Promote professional and leadership development opportunities to students on campus

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Volunteering

Volunteer Docent , <i>Indiana Medical History Museum, Indianapolis, IN</i>	August 2022- Present
<ul style="list-style-type: none">Educate museum guests through one-hour guided tours of the museum, its story, and its artifacts	
Youth Group Leader , <i>Common Ground Church, Indianapolis, IN</i>	October 2022- Present
<ul style="list-style-type: none">Mentor middle school youth in spiritual needs and developmentOrganize retreats and bi-weekly meetings with other leaders for 50-member youth program	
Food Pantry , <i>Lafayette Transitional Housing Center, West Lafayette, IN</i>	August 2019- May 2022
<ul style="list-style-type: none">Volunteer three-times weekly at homeless shelter preparing and serving foodFacilitate promotion of volunteer opportunities to other students to assist LTHC in scheduling volunteer hours	
Vaccine Clinic , <i>Tippecanoe County Health Department, Lafayette, IN</i>	January 2021 - May 2021
<ul style="list-style-type: none">Educated patients on vaccine safety, efficacy, and related health informationCoordinated scheduling of appointments and entry of vaccine data into national database	
Cardiovascular Exercise Rehab , <i>Goshen Hospital, Goshen, IN</i>	May 2019
<ul style="list-style-type: none">Educated and assisted heart patients in a controlled rehabilitation environmentAssisted hospital staff during exercise sessions by checking in patients, setting up, and cleaning equipment	

Licensure/Awards

Brand Research Fellowship	August 2024
France A. Cordova Leadership in Action Award	May 2022
Outstanding Senior in the College of Agriculture	April 2021
Outstanding Senior in Biochemistry	March 2021
Presenter at Truman State Undergraduate Philosophy & Religion Conference	November 2021
Leadership Development Certificate: College of Agriculture	May 2021
Outstanding Junior in the College of Agriculture	April 2021
Outstanding Junior in Biochemistry	March 2021
Clitheroe Essay in Philosophy Contest 2 nd place	March 2021
Outstanding Sophomore in Philosophy	March 2020
Outstanding Sophomore in Biochemistry	March 2020
Outstanding Freshman in the College of Agriculture	May 2019
Outstanding Freshman in Biochemistry	March 2019
Indiana State Health Insurance License	June 2018