

Kayla Cochran

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Education

-Second year student at University of Kentucky (2021-2023)

- Biology Major: Genetics, Genomics, and Bioinformatics specialization & Spanish Minor
- Lewis Honors College
 - Students displaying academic rigor and dedication were selected for this pathway
 - Special academically-challenging courses and courses centered on character development that will result in an degree with Honors
- STEMcats Program
 - Science, Technology, Engineering, and Math program
 - Encourage problem solving and critical thinking skills in application to individual career fields and research labs and studies

-High School Graduate with Honors

- Scholar Athlete
- PSAT All-Stars
- Outstanding Student in Honors and AP English; Academic Excellence in AP Science, Math, and World Language
- Captain of Westerville North High School Tennis Team (Fall Season 2021)
- Representative for Warrior Athletic Leadership Team (July 2019-May 2021)
 - Advised in decisions for athletic programs, managed ethics and conduct within sports groups
 - Designed leadership building activities for athletic group leaders

Work Experience

- Center for Academic Resources and Enrichment Services Tutor (January 2022-Current)
 - Providing tutoring and individual help sessions for students part of the diversity scholarship providing department (CARES) of the University of Kentucky
 - Approved for Biology, Chemistry, & Spanish tutoring
- Server at the Two-One Restaurant at the Westerville Marriott Renaissance (June 2022-Current)

- Server and trainer of formal dining room, restaurant, patio, and lawn-based dining experiences
- Excellent communication skills, memory, and speed; organization and altruistic distribution of work; accountability and money management; friendliness and customer service
- Coldstone Creamery (April 2021-June 2022)
 - Shift leader managing two to four other employees at a time
 - Required high-quality customer service, memorization, and delegation of tasks in a fast paced work environment
- Fusian Sushi Restaurant (April 2021-May 2022)
 - Crew member on shifts with three to five other people
 - Required collaboration and teamwork with coworkers
 - Mindfulness of and adherence to health standards to avoid contamination due to the handling of raw fish and allergies
- Private Tennis Coach (Summer 2020)
 - Taught an 8th grader basic skills, form, and strategy of tennis
 - Required descriptive explanation skills and guidance abilities
- Professional Babysitter and Nanny (September 2017-Summer 2020)
 - Weekly services for multiple families, ranging from infant care to monitoring middle schoolers
 - Academic tutoring, moral lessons, and de-escalation strategies

Research Experience

- Axolotl Tail Regeneration (Spring 2022)
 - STEMcats & Honors Research class directed by Dr. Stephen Voss
 - Amputations, Analysis, and Research Conference presentation
- Coursework Labs
 - CHE 111 - General chemistry I lab
 - Dilutions, quantitative chemical analysis, chemical properties
 - CHE 113 - General chemistry II lab
 - Dehydration, precipitation reactions, filtration, purification
 - CHE 231 - Organic chemistry I lab

- Recrystallization, gas chromatography, distillation, reduction
- BIO 155 - General biology I lab
 - Conducting experiments and controlling confounding variables, scientific paper writing
- BIO 303 - Evolution lab
 - Fossil analysis & pedigree and evolutionary tree formation
- BIO 304 - Genetics lab
 - Plasmid insertion, gel electrophoresis, fruit fly experiments

Leadership & Volunteer Positions

- Vice President of Biology Undergraduate Student Association (BUSA)
 - Organization for like-minded and biology-interested students who gather to discuss biological careers and participate in biology-related activities
 - Organizing and planning meetings, working as social outreach chair, coordinating events with the University of Kentucky Biology Department and Head of the Arts and Science Department
- 4 Paws Volunteer Handler (March 2022-Current)
 - Training and caring for service dogs to provide services to veterans and children with disabilities
- Socializing RESCUEDohio foster puppies (Summer 2021-Ongoing)
 - Weekly interactions and care for litters of rescue foster puppies over the summer
 - Fostered one of the puppies for nearly 5 weeks
- National Honors Society Volunteer Work (March 2020-May 2021)
 - Selected based upon character, academic standing, volunteer experience, and extracurricular activities
 - Participation in school cleaning, writing letters to veterans, etcetera
- Executive Leader and Organizer of Key Club (August 2019-May 2021)
 - Raised over \$10,000 annually for Westerville's Caring and Sharing organization to support the needs of local families.

Skills

- Leadership, collaboration, and organization experience

- Supervised lab and technical work hours
- Microsoft applications, Google applications, minor trouble-shooting
- Management of Social Media Accounts (organization, peak posting and interaction times, graphic design, etc.)
- Proficient writing, speaking, and listening abilities in English and Spanish (at SPA 372 course level)
- Newspaper publication experience (print and online, co-editor, interviewing, advertising and sales, etc.)
- Time management and prioritizing