

## Annette Lewis

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385-230-1446

### EDUCATION

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| BS | Biology, Utah Valley University   Orem UT            | 01/2021-12/2023 |
| AS | University Studies, Utah Valley University   Orem UT | 04/2021         |
| HS | Diploma, Utah County Academy of Sciences   Orem UT   | 05/2021         |

### Abstract

- Hacking, T., Lewis, A., Emerman, S., & Abbott, M. (2021). Hot springs in the watershed of Utah Lake, Central Utah: An essential component of a hydrologic model for Utah Lake. Geological Society of America Abstracts with Programs.  
<https://doi.org/10.1130/abs/2021am-368835>

### EXPERIENCE

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#### Trainee - Genomics Summer Research for Minorities (GSRM) 06/2022-08/2022

- Conduct research in the Tristani-Firouzi cardiology lab on NFATC1 regulation of the expression of proteins relevant to atrial excitability using immunoblotting.
- Attend the National Human Genome Research Institute (NHGRI) 2023 conference.

#### Student Mentor - Summer Bridge Program 07/2021-08/2021

- Worked with faculty teaching the ENGR 1000 Summer Bridge class.
- Provided guidance and assistance to students enrolled in the class.
- Communicated with students to improve their performance.
- Collaborated with Summer Bridge mentors on how best to assist students.
- Listed students' missing assignments and informed mentors about priority students.
- Facilitated and assisted with classroom ZOOM meetings and student redirection.

#### National Science Foundation Utah Lake Project - Student Research Assistant,

Utah Valley University | Orem UT 05/2021-07/2021

- Conducted community-based research to inform policymakers in efforts to rejuvenate Utah Lake at the heart of this community.
- Collaborated with Dr. Steven H. Emerman to discover the springs' origin in Diamond Fork.
- Worked with both natural science and humanities groups to promote change.
- Collected water samples from Diamond Fork Canyon and soil samples near Utah Lake.
- Processed water samples and filtered soil samples in a UVU laboratory.
- Coordinated processing of stable isotope samples with University of Utah lab personnel.
- Gave weekly progress reports to project leadership and other colleagues.

### VOLUNTEER EXPERIENCE

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iSPIRE Research Group 01/2022-05/2022

- Participate in research regarding students' science motivations and the impacts of COVID-19

Phi Theta Kappa Honor Society 11/2021-present

Global Student Leadership Council 08/2021-05/2022

- Participate in Global Student Leadership Council (GSLC) meetings.
- Assist in conferences and pre-conference events.
- Attend the Spring 2022 United Nations Conference.

The National Society of Collegiate Scholars 02/2020-present

Office Aide, Utah County Academy of Sciences | Orem UT 08/2019-03/2020

- Organized student files streamlining counselor and administrator access.
- Answered phone calls on general UCAS information and transferred calls to counselors and administrators.
- Maintained student checkout logs.
- Provided first-aid supplies to students as needed.
- Worked in a team setting, managing and updating the school calendar.

Student Contest Organizer, Utah County Sustainability Coalition | Orem UT 02/2020-04/2020

- Assisted with the marketing strategy for the City of Orem's 4<sup>th</sup> Annual Earth Day Art Contest.
- Communicated with art teachers in junior high and middle schools in Orem, Utah.
- Promoted the Earth Day Art contest on social platforms.
- Recruited student judges from high schools in Orem.
- Ensured project deadlines were met.
- Coordinated online meetings with supervisor and student judges.
- Oversaw the judging process and outlined art contest guidelines.

## **SKILLS**

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- Excel, HTML, PowerPoint, and Word.
- Social media platforms.
- Fluent in the Spanish language.

## **ACCOMPLISHMENTS**

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- 2021 HACU Emerging Leaders' Summit
- 2021 HACU Leaders in Residence

## **CERTIFICATES**

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- Aseptic Surgery | CITI Program 2022-2025
- Biomedical Research Investigators & Personnel | CITI Program 2022-2025
- AI in Bioinformatics | Taipei Medical University | FutureLearn 2023

- COVID-19: Insights for Higher Ed Leaders | CITI Program 2022
- COVID-19: Back to Campus | CITI Program 2022
- Mental Health for Higher Ed and Healthcare | CITI Program 2022
- Participating in Vaccine Research | CITI Program 2022
- Information About COVID-19 Vaccine | CITI Program 2022
- HIPAA Privacy & Security Training | U of U 2022
- SUserystem Overview of Cornerstone LMS For End | U of U 2022
- Affiliate - Regulatory Modules | U of U 2022
- General Financial Literacy | Utah State Board of Education 2020
- Leadership Principles | Career and Technical Education 2019
- Exploring Computer Science | Career and Technical Education 2019