



## HCBS STRATEGIES, INC.

Improving Home and Community Based Systems  
[www.hcbs.info](http://www.hcbs.info) 410-366-HCBS (4227) [info@hcbs.info](mailto:info@hcbs.info)

### Ariel Keklak

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#### Education

**University of Utah**, Department of Family Medicine, Salt Lake City, UT

*Candidate for Master of Public Health, May 2023*

**Johns Hopkins University**, Krieger School of Arts and Sciences, Baltimore, MD

*Bachelor of Science, Molecular and Cellular Biology, May 2021*

GPA: 3.77/4.0

Spring 2019, Fall 2019, Fall 2020, Spring 2021 Dean's List

#### Experience

**HCBS Strategies**, Baltimore, MD

*Intern, April 2020 – Present*

- Conducted an operational review and provided recommendations to operationalize Alaska's Aging and Disability Resource Centers and Developmental Disabilities Resource Connections
- Developed and implemented the Nebraska Medicaid Administrative Claiming time study, including developing training materials and automation of time study survey
- Analyzed Time Study pilot data and contributed to the final report for the Colorado Department of Health Care Policy and Financing's New Assessment and Support Plan
- Provides support for work with state agencies in Nebraska, Hawaii, Alaska, Colorado, Louisiana, and Alabama

**Diet and Cancer Lab, Towson University**, Towson, MD

*Undergraduate Research Assistant, February 2020 – May 2021*

- Practiced basic laboratory skills including pipetting, washing and passaging cells while following proper lab protocol
- Read and discussed scientific journal articles on a weekly basis

#### Projects

**Characterization of T13K, M26E Mutation in Staphylococcal nuclease (SNase)**

- Analyzed data from wildtype and mutant SNase to compare structure, stability, and function based on chemical and temperature denaturation, acid titration, and circular dichroism spectroscopy

**Analysis of Global Mean Sea Level Satellite Data 1993-Present**

- Analyzed data from the NASA Sea Level Change Program to visualize increases in sea level over time and predict future sea level change using MATLAB

#### Skills & Activities

**University of Utah Varsity Cross Country/Track and Field**, Salt Lake City, UT

*Student Athlete, August 2021 – Present*

- Practices and competes 30+ hours a week with high academic standing

**Johns Hopkins University Varsity Cross Country/Track and Field**, Baltimore, MD

*Student Athlete, August 2018 – May 2021*

- 2019 Cross Country, 2020 Indoor Track, 2021 Outdoor Track NCAA DIII All-American
- Fall 2018, Spring 2019, Fall 2019 USTFCCCA All-Academic Honoree

**Technical Skills:** Microsoft Office Suite, Python, MATLAB, STATA