

# SAMUEL P. ELLERBECK

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## EDUCATION

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**Creighton University** • Omaha, NE May 2024  
*Bachelor of Science* | Major in Biology, Minor in Science & Medicine in Society GPA: 4.00

## WORK EXPERIENCE

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**Buffett Cancer Center at Nebraska Medicine** • Omaha, NE July 2022 – Present  
*Certified Nursing Assistant*

- Deliver extensive care in assisting patients, obtaining vital signs, and reviewing detailed health histories
- Facilitate effective care delivery in coordinating with providers and supporting staff members

**Creighton University Department of Biology** • Omaha, NE August 2022 – December 2023  
*Biology & Freshwater Ecology Laboratory Teaching Assistant*

- Instructed laboratory events by guiding student activities and fostering experimental thought and inquiry
- Provided constructive feedback to students in ways that best contributed to their academic success
- Assisted in the design of fieldwork projects and research experiments to be a positive student resource

**Omaha Country Club** • Omaha, NE April 2016 – October 2023  
*Honor Caddie*

- Provided assistive golf services tailored to the individual needs of members and guests
- Offered strategic advice and resourceful guidance to enhance clients' course performance
- Served as a mentor for younger caddies, providing hands-on training to improve their skills and help them navigate the course effectively

## RESEARCH

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**Creighton University Department of Physics** • Omaha, NE January 2023 – May 2024  
*Computational Molecular Biophysics*

- Investigated pathological folding mechanisms of prion proteins using a computational approach
- Simulated pathogenic molecular interactions to uncover the process by which they give rise to neurodegenerative disease
- Applied critical and analytical thought to interpret results and formulate conclusions, enhancing scientific understanding on the subject of study

## INVOLVEMENT

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**Creighton University College of Arts and Sciences** August 2020 – May 2024  
*Haddix Dean's Fellow*

- Developed in servant leadership through participation in campus and community service
- Engaged in conversation with leaders on the national level to discuss social, scientific, and public policy
- Gained new perspectives through immersive experiences in the Omaha community

**Sigma Phi Epsilon, NE Delta Chapter** March 2022 – April 2024  
*Vice President of Recruitment*

- Orchestrated the recruitment process by organizing events and synchronizing the chapter's efforts
- Identified and engaged potential new members who exemplified the chapter's core values and goals

**Creighton University Inter Residence Hall Government** August 2020 – May 2021  
*Residence Hall Council President*

- Organized social and wellness events to foster community for members of on-campus residence halls
- Directed weekly team meetings for successful planning and execution of upcoming events