**Kristen Quigley**

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**EDUCATION**

**University of Nevada, Reno**, Reno Nevada

Ph.D. Candidate, Integrative Neuroscience Expected: May 2027

**University of South Dakota**, Vermillion, South Dakota

Bachelor of Science, Cognitive Neuroscience May 2022

GPA: 3.75 Dean’s List: 2018-2019, 2019-2020, 2020-2021

**Centennial Collegiate Vocational Institute**, Guelph, Ontario

Ontario Secondary School Diploma May 2018

**John Rennie High School**, Montreal, Quebec

Diplôme des études secondaires (Grades 7-11) May 2016

**RESEARCH POSITIONS**

**Graduate Researcher**

Neuromechanics Lab at the University of Nevada, Reno June 2022-Present

Supervisor: Dr. Nicholas Murray

**Primary Investigator**

Peterson Lab at the University of South Dakota January 2021-May 2022

Supervisor: Dr. Doug Peterson

Project Titles: Development of a Self-Contained Wearable EEG, Neurofeedback Training for Athletic Performance, Post-Concussion Survey

**Undergraduate Research Assistant**

Memory and Attention Laboratory at the University of South Dakota January 2021-May 2022

Primary Investigator and Supervisor: Dr. Timothy Ricker

Project Titles: Visual Working Memory Creation, Physiological Measurement of Time and Interference Effects in Working Memory

**LEADERSHIP EXPERIENCE**

**Arts and Sciences Program Ambassador**

University of South Dakota in Vermillion, SD May 2021-May 2022

* Communicated directly with and answered questions asked by prospective students
* Participated in on-campus events, including presentations about student life at USD

**International Student Ambassador**

University of South Dakota in Vermillion, SD January 2021-May 2022

* Communicated directly with and answered questions asked by prospective students
* Organized information and created posts for the International Student Facebook group
* Hosted campus tours for international students

**Assistant Swim Coach**

Indigenous Team Ontario in Toronto, ON September 2019-Present

* Taught competitive swimming skills and technique to Indigenous athletes
* Organized roster and event sign-up for the 2020 North American Indigenous Games
* Completed a variety of workshops on ethics in sport, Indigenous wellness and coaching

**Student Athlete Peer Mentor**

University of South Dakota in Vermillion, SD August 2019-May 2021

* Created weekly academic plans for at-risk student athletes
* Assisted at-risk students with homework assignments

**AWARDS AND HONOURS**

**2021 UDiscover Summer Scholar.** Developed a self-contained EEG, obtained and validated underwater EEG recordings using EEGLAB. Funded: $5750

**2021 Council for Undergraduate Research and Creative Scholarship Mini-Grant.** Designed and conducted a study on the effect of neurofeedback training on athletic performance. Funded: $750.00

**2021 Leonard E. Arnaud Memorial Scholarship.** Awarded for demonstrating academic excellence among the University of South Dakota international student community

**2021-2022 President’s Senior Leadership Institute.** Selected by the President of the University of South Dakota to participate in monthly professional development seminars

**University of South Dakota’s Division 1 Swimming Team**

2019, 2020, 2021 and 2022 – Awarded a varsity letter for championship performance

2020-2021 and 2021-2022 Women’s Team Captain

2020-2021 and 2021-2022 Academic All-Summit League

2020-2021 and 2021-2022 All-Summit League Honors

2020-2021 Summit League Commissioner’s List of Academic Excellence

2019-2020 Hardest Worker Award

**PRESENTATIONS**

**Quigley, K.G.**& Peterson, D. (2022, April). Neurofeedback Training for Athletic Performance. Presentation at *IdeaFest*, Vermillion, South Dakota.

**Quigley, K.G.**& Peterson, D. (2021, April). Development of a Self-Contained Wearable EEG. Poster presented at *IdeaFest*, Vermillion, South Dakota.

**Quigley, K.G.**& Peterson, D. (2021, November). Development of a Self-Contained Wearable EEG. Poster presented at the *Harvard Women in Psychology*, Virtual.

**Quigley, K.G.**& Peterson, D. (2021, Accepted). Development of a Self-Contained Wearable EEG. Poster presented at the *Society for Neuroscience*, Chicago, Illinois.

**Quigley, K.G.**& Peterson, D. (2021, August). Development of a Self-Contained Wearable EEG. Poster presented at the *UDiscover Research Symposium,* Vermillion, South Dakota.

**Quigley, K.G.**& Peterson, D. (2021, August). Development of a Self-Contained Wearable EEG. Poster presented at the *CBBRe Annual Research Symposium*, Vermillion, South Dakota.

**Quigley, K.G.** & Peterson, D. (2021, July). Development of a Self-Contained Wearable EEG. Poster presented at the *SD EPSCoR Undergraduate Research Symposium,*Virtual.

**RESEARCH INTERESTS**

Effects of anxiety on athletic performance, EEG recording, traumatic brain injury, long-term effects of TBIs, TBI rehabilitation, relationship between concussions and mental health, cognitive therapy

**SKILLS AND CERTIFICATIONS** (Expiring January 2024)

R-Studio, Microsoft Excel, EEGLAB, EEG electrode placement, CITI certification, Adobe InDesign, Tobii eye tracking

**Languages:** French, English

**VOLUNTEER HISTORY**

**Dakotathon Team Captain**

Children’s Miracle Network in Vermillion, SD August 2021-May 2022

Encouraged participation in fundraising events for the local Children’s Miracle Network hospital

**Swim Instructor**

Special Olympics in Vermillion, SD February 2019-May 2022

Worked with Special Olympics athletes on water safety and swimming technique

**Game Night Host**

Sanford Care Centre in Vermillion, SD February 2019-May 2019

Hosted and organized weekly game nights for the residents of the care center

**Dish Washer**

United Methodist Soup Kitchen in Vermillion, SD December 2018-May 2019

Volunteered weekly washing dishes at a soup kitchen