

Abraham J. Kanz

Masters Candidate
Department of Biology
University of South Dakota
Churchill-Haines Laboratories, Rm 179
Vermillion, SD, 57069
Abraham.Kanz@coyotes.usd.edu

Education

UNIVERSITY OF SOUTH DAKOTA MS IN BIOLOGY | AUGUST 2017-CURRENT

UNIVERSITY OF SOUTH DAKOTA BACHELORS OF BIOLOGY | 3.79 GPA | AUGUST 2012 – SPRING 2016

Research Experience

Research Assistant | University of South Dakota | May 2018-Present

- Studying stage structuring in aquatic food webs

Volunteer Laboratory Assistant | Dr. Jeff Wesner | December 2014 – May 2015

- Assisted in the creation of a meta-analysis for use in a food chain study
- Examined feeding patterns of fish on benthic vs. emergent invertebrates
- Sorted aquatic invertebrate samples for fish predation study

Teaching Experience

Lab Teaching Assistant for Plant Physiology (BIOL 427) | University of South Dakota | January 2018-May 2018

- Led students through senior level labs.
- Facilitated understanding of classroom material
- Gave assistance to students while they conducted in-class research projects

Lab Teaching Assistant for Survey of Biology (BIOL 101) | University of South Dakota | August 2017-December 2017

- Enabled the learning of students in a laboratory setting
- Presented information for daily lab procedure in front of the class

Work Experience

Biological Technician for the USGS | Yankton Field Research Station | July 2016 – August 2017

- Aided in the collection of data during the larval pallid sturgeon development experiments of 2016
- Proofed data collected during the summer study of larval pallid sturgeon development
- Entered data into computer programs for analysis
- Performed toxicology testing on trout for fire chemicals to be approved for use in South Dakota in the fire chemical study of 2016
- Conducted water quality tests during the fire chemical study of 2016

Student Contractor for the USGS | Yankton Field Research Station | May 2015 – July 2016

- Studied the drift of larval pallid sturgeon during development
- Examined survivorship of larval pallid sturgeon in various water velocities
- Assisted collection of data during the fire chemical study of 2015

Awards and Grants

- **USD Graduate Research and Creative Scholarship Grant | University of South Dakota | Fall 2017 (\$750)**
- **USD Travel Grant| University of South Dakota | Fall 2018 (\$1070)**

Presentations

Poster Presentation | University of South Dakota IDEAfest | April 2018

- Presented a poster detailing plans for research during my summer 2018 field season
- Explained the logic behind the study and its importance