|  |
| --- |
| Annaliese wieler  345 Galvin Life Sciences Center, Notre Dame IN 46656 · 817-793-7327  awiens@nd.edu |
|  |

# education

|  |
| --- |
| 2018 – presentPhD student in biological sciences, University of Notre dame Advisor: Alex Perkins |
| 2018 – presentMasters student in Applied and computational mathematics and statistics, university of notre dame2014 – 2018bs in mathematics and biology, tabor college Minor: Philosophy |

# research experience

|  |
| --- |
| 2016research experience for undergraduates in population biology of infectious diseases, University in georgia Advisors: Andreas Handel, Brian McKay  Performed a meta-analysis of influenza challenge studies to examine the relationship between dose and infection outcome. |
| 2015-2018research assistant, tabor college Advisor: Christin Pruett  Examined how the song sparrow genome varied among various locations in the Aleutian Islands. |

# teaching experience

|  |
| --- |
| january 2019-presentteaching assistant, university of notre dameTA for biostatistics. Tasks include preparing and teaching lecture, grading homework and exams, and communicating with students regarding expectations.2016-2018teaching assistant, tabor college TA for Nature of Mathematics and Elementary Statistics. Tasks included grading homework, conducting laboratory sessions, teaching of statistical concepts through lecture, and preparing students for exams. |
| 2015-2018peer tutor, tabor college Tutored college and high school students in calculus I-III, statistics, nature of mathematics, physics, differential equations, chemistry, ACT math, college algebra, abstract mathematics, and basic algebra. |

# software skills

|  |
| --- |
| R and python: programming, data cleaning and visualization, statistics, sentiment analysis |
| **FILE MANAGEMENT AND VERSION CONTROL WITH UNIX, GIT, AND MICROSOFT OFFICE**  **BASIC DATABASE QUERYING IN SQL USING PYTHON AND R INTERFACES** |

# ACTIVITEs, SKILLS and awards

|  |
| --- |
| PRESENTATION SKILLS AS EVIDENCED BY ORAL AND POSTER PRESENTATIONS AT NATIONAL, REGIONAL, AND LOCAL CONFERENCESMEMBER OF ASSOCIATION OF WOMEN IN SCIENCE, UNIVERSITY OF NOTRE DAMESTUDENT BODY PRESIDENT, TABOR COLLEGE: 2 yearspresidential leadership program scholar, tabor college: 4 yearsFOREIGN LANGUAGE SKILLS INCLUDING SPANISH (conversational), FRENCH (Conversational), GERMAN (reading and writing), italian (reading and writing) AND RUSSIAN (reading) |

### REFERENCES AVAILABLE UPON REQUEST.