MARYA POTEREK

345 Galvin Life Sciences Center, Notre Dame, IN 46556 | (512) 909-4133 | mpoterek@nd.edu

EDUCATION

University of Notre Dame, Notre Dame, IN

**Ph.D. student in Biological Sciences 2019 - present**

Advisor: Alex Perkins

University of Notre Dame, Notre Dame, IN

**B.S. in Science-Computing 2015 - 2019**

Minor in Arts and Letters Honors (Glynn Family Honors Program)

RESEARCH EXPERIENCE

Computational Genomics, Dartmouth College

**National Science Foundation – REU Intern June 2017 – Aug. 2017**

Advisor: Olga Zhaxybayeva

College of Science, University of Notre Dame

**Research Assistant, Summer Undergraduate Research Fellow Aug. 2016 – May 2019**

Advisor: Alex Perkins

TEACHING EXPERIENCE

University of Notre Dame

**Tutor – Biological Sciences 1, 2 (BIOS 10161, 10162) Aug. 2016 – May 2018**

Led weekly remedial tutoring sessions

WORK EXPERIENCE

rewardStyle, London, United Kingdom

**Business Intelligence Analyst Aug. 2017 – Dec. 2017**

Notre Dame Office of Information Technologies, Notre Dame, IN

**Student Consultant Aug. 2016 – May 2019**

AWARDS

Notre Dame Graduate School Professional Development Award ($668) 2019

Best Undergraduate Disease Ecology Poster, Ecological Society of America 2019

Richard and Peggy Notebaert Premier Fellowship ($40,000/yr) 2019 – 2024

Glynn Family Honors Program Fellow 2015 – 2019

PREPRINTS

TA Perkins, SM Cavany, SM Moore, RJ Oidtman, A Lerch, M Poterek. **Estimating unobserved SARS-CoV-2 infections in the United States**. *medRxiv* doi: 10.1101/2020.03.15.20036582

MANUSCRIPTS

Marya Poterek, Moritz Kraemer, Alexander Watts, Kamran Khan, Alex Perkins. **Modeling measles importation into the United States using international measles incidence and air passenger travel data**. In preparation.

PRESENTATIONS

Marya Poterek, Moritz Kraemer, Alexander Watts, Kamran Khan, Alex Perkins. **Modeling measles importation into the United States using international measles incidence and air passenger travel data**. Poster. Epidemics7 (2019).

Marya Poterek, Moritz Kraemer, Alexander Watts, Kamran Khan, Alex Perkins. **Modeling measles importation into the United States using international measles incidence and air passenger travel data**. Poster. Ecological Society of America (2019).

Marya Poterek, Moritz Kraemer, Alexander Watts, Kamran Khan, Alex Perkins. **Modeling measles importation into the United States using international measles incidence and air passenger travel data**. Poster. American Society of Tropical Medicine and Hygiene (2018).

Marya Poterek, Magdalene Walters, Yutong Yao, Nicholas Bonneau, Alex Perkins. **Statistical analysis of death records provides insights about childhood disease epidemics in 18th century New England**. Poster. Notre Dame College of Science Joint Annual Meeting (2017).

LANGUAGES

English – native language

Spanish – intermediate speaking, reading, and writing abilities

SOFTWARE SKILLS

C++, R, Python, Unix, MATLAB, JavaScript, Java, HTML, SQL

ADDITIONAL EXPERIENCE AND SERVICE

Graduate Women in Science National Fellowship Program Volunteer 2020

Northern Indiana Regional Science and Engineering Fair Subject 2020

Area Chair and Project Judge

Association for Women in Science 2019 - present

Science Policy Initiative 2019 - present

Notre Dame Biology Graduate Student Organization 2019 - present

Humane Society of St. Joseph County Volunteer 2018 - present

Students Consulting for Nonprofit Organizations Project Leader 2016 - 2019

Memorial Hospital Volunteer 2015 - 2019