

# MARYA POTEREK

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## 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. *Epidemics*<sup>7</sup> (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 18<sup>th</sup> 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