

# Martyna Lukaszewicz

Statistical Science Department | <https://www.uidaho.edu/sci/stat>  
Bioinformatics and Computational Biology Program | <https://www.uidaho.edu/sci/bcb>  
<https://martynalukaszewicz.github.io> | e-mail: [martyna@uidaho.edu](mailto:martyna@uidaho.edu)

## PROFESSIONAL POSITIONS

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**Data Entry Independent Contractor, Short-Term** **January 2017-Present**  
Global Organization for EPA and DHA Omega-3, Salt Lake City, UT

**Quality Control Technician** **January-August 2016**  
Pi-Bioscientific Inc., Seattle, WA

## EDUCATION

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**PhD Bioinformatics and Computational Biology** **Expected 2021**  
University of Idaho, Moscow, ID  

- Co-advisors: Erkan Buzbas and Paul Hohenlohe

**MS Statistical Science** **2018**  
University of Idaho, Moscow, ID  

- Thesis: *Sample Size Estimation in the Multinomial Model*
- Advisor: Brian Dennis

**BS Biology** **2015**  
Washington State University, Pullman, WA

## AWARDS

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**Biology Research Award** **April 2015**  
School of Biological Sciences, Washington State University, Pullman, WA  

- \$500.00

## TEACHING EXPERIENCE

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**Teaching Assistant** **August 2016-December 2017**  
Department of Statistical Science, University of Idaho, Moscow, ID

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## RESEARCH EXPERIENCE

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### Research Assistant

January 2018-Present

Bioinformatics and Computational Biology Program and Statistical Science Department,  
University of Idaho, Moscow, ID

### TH-Research-Non-Lab

June-August 2017

Wildlife Resources, University of Idaho, Moscow, ID

## PUBLICATIONS

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**M. Lukaszewicz**, "Sample Size Estimation in the Multinomial Model," University of Idaho, 2018.

X. Lin, **M. Lukaszewicz**, and A. Al Jahan, "Univariate (statistics)," *Wikipedia*. 2017.

## POSTERS

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**Lukaszewicz M**, Salia OI, Hohenlohe PA, Buzbas EO. Approximate Bayesian Computational Statistical Methods to Identify Loci Under Selection from Genomic Data. Poster presented at: Research Computing and Data Science Symposium; May 16, 2019; Moscow, ID.

**Lukaszewicz M**, Salia OI, Hohenlohe PA, Buzbas EO. Approximate Bayesian Computational Statistical Methods to Estimate the Strength of Divergent Selection in Yeast. Poster presented at: 14<sup>th</sup> Annual College of Science Student Research Exposition; October 18, 2018; Moscow, ID.

## MEMBERSHIPS (current)

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American Statistical Association, Snake River Chapter

## PROFESSIONAL SERVICE

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### Tenure Committee Member for Erkan Buzbas PhD

September 2018

Department of Statistical Science, University of Idaho, Moscow, ID

### Director of Finance, Graduate and Professional Student Association

August 2018-Present

College of Graduate Studies, University of Idaho, Moscow, ID

### Statistical Science Senator, Graduate and Professional Student Association

August 2017-May 2018

College of Graduate Studies, University of Idaho, Moscow, ID

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## SKILLS

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### Basic

C++, MATLAB

### Intermediate

R, python, SAS