# 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

## PROFESSIONAL POSITIONS

**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

**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

**Biology Research Award**                    **April 2015**
School of Biological Sciences, Washington State University, Pullman, WA
- $500.00

## TEACHING EXPERIENCE

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

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## RESEARCH EXPERIENCE

**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

**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

**Lukaszewicz M**, Salia OI, Hohenlohe PA, Buzbas EO. Approximate Bayesian Computational Methods to Identify Loci under Selection from Genomic Data. Poster presented at: Symposium on Data Science and Statistics, Beyond Big Data: Building Data Tools; June 1, 2019; Bellevue, WA.

**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: 14th Annual College of Science Student Research Exposition; October 18, 2018; Moscow, ID.

## MEMBERSHIPS (current)

**American Statistical Association, Snake River Chapter**

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## PROFESSIONAL SERVICE

**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

## SKILLS

**Basic**            C++, MATLAB
**Intermediate**     R, python, SAS