Martyna Lukaszewicz

Statistical Science Department | https://www.uidaho.edu/sci/stat
Bioinformatics and Computational Biology Program | https://www.uidaho.edu/sci/bcb
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PROFESSIONAL POSITIONS

Data Entry Independent Contractor, Short-Term **Jan 2017-Aug 2018**
Global Organization for EPA and DHA Omega-3, Salt Lake City, UT

Quality Control Technician **Jan-Aug 2016**
IEH Laboratories, 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
Minor in Engineering **2015**
Washington State University, Pullman, WA

AWARDS

Biology Research Award **Apr 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

RESEARCH EXPERIENCE

Research Assistant **Jan 2018-Present**
Bioinformatics and Computational Biology Program and Statistical Science Department, University of Idaho, Moscow, ID

TH-Research-Non-Lab **Jun-Aug 2017**
Wildlife Resources, University of Idaho, Moscow, ID

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PUBLICATIONS

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

In preparation:

M. Lukaszewicz, B. Dennis, Sample Size Estimation in the Multinomial Model *Journal of Agricultural, Biological and Environmental Statistics.*

POSTERS

Lukaszewicz M, Salia OI, Hohenlohe PA, Buzbas EO. Approximate Bayesian Computational Statistical Methods to Identify Loci Under Selection from yeast Genomic Data. Poster presented at: Plant and Animal Genome XXVIII Conference; January 14, 2020; San Diego, CA.

Salia OI, **Lukaszewicz M**, Hether TD, Veillet A, Cavileer T, Hohenlohe PA, Buzbas EO. Experimental Test of Genomic Islands of Differentiation Under Divergent Selection with and without Sexual Reproduction and Migration. Poster presented at: Evolution 2019; June 23, 2019; Providence, RI.

Lukaszewicz M, Salia OI, Hohenlohe PA, Buzbas EO. Approximate Bayesian Computational Methods to Estimate the Strength of Divergent Selection in Yeast. 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

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

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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