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

Biostatistics Intern   **Jun-Aug 2020**
ArcherDX, Boulder, CO

Data Entry Independent Contractor   **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 2022**
University of Idaho, Moscow, ID

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

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

PROFESSIONAL SERVICE

Director of Finance, Graduate and Professional Student Association   **August 2018-August 2020**
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	Matlab, SAS, Amazon Web Services (AWS), Docker
Intermediate	R, Python

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

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

PUBLICATIONS

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

In preparation:

M. Lukaszewicz, B. Dennis. Sample size estimation in the multinomial model for phenological data. Journal of
    Agricultural, Biological and Environmental Statistics.

M. Lukaszewicz, O. I. Salia, P. A. Hohenlohe, E. O. Buzbas. Approximate Bayesian computational methods to
    estimate divergent selection in population genomics models. Theoretical Population Biology.

O. I. Salia, T.D. Hether, A. Veillet, T. Cavileer, **M. Lukaszewicz**, E. O. Buzbas, P. A. Hohenlohe. (in
preparation). Experimental evolution of genomic islands of differentiation under divergent selection with and
without sexual reproduction and migration.

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.