

JOHN M. A. WOJAHN

In a few years I will be searching for a postdoctoral position

I am broadly interested in plant evolution, bioinformatics, and reproducible science

EDUCATION

- Present
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2020
- **Boise State University**
PhD in Ecology, Evolution, and Behavior Emphasis in Global Change
Boise, Idaho, USA

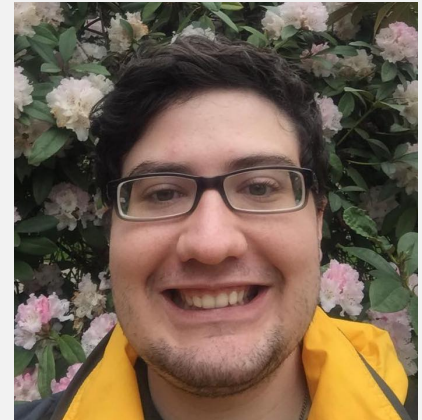
Thesis: TBD
 - **Boise State University**
MS in Biology
Boise, Idaho, USA

Thesis: A metanalysis of sequences of vascular plants in the world's biodiversity hotspots with a special section on Madagascar
 - **Oregon State University**
Honors BS in Marine Biology
Corvallis, Oregon, USA

Thesis: Metagenomics and metatranscriptomics of the leaf- and root-associated microbiomes of *Zostera marina* and *Zostera japonica*
 - **Oregon State University**
Honors BS in Microbiology
Corvallis, Oregon, USA
- 2020
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2018
- 2016
|
2011
- 2016
|
2011

RESEARCH EXPERIENCE

- Present
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2020
- **EPSCoR Graduate Research Assistant**
Boise State University, Buerki Lab
Boise, Idaho, USA
 - Provider of bioinformatics programming support for the GEM3 project in Sven Buerki's lab
 - Developed bioinformatics tools for the GEM3 community
 - **Doctoral Student Researcher**
Boise State University, Buerki Lab
Boise, Idaho, USA
 - Investigated the reproducibility of collections and DNA sequences in biodiversity hotspots
 - Examined phylogenomics of members of the Pandanaceae
 - **Masters Student Researcher**
Boise State University, Buerki Lab
Boise, Idaho, USA
 - Investigated the reproducibility of collections and DNA sequences in biodiversity hotspots
 - Went on expedition to Madagascar with Sven Buerki to survey forest
- Present
|
2020
- 2020
|
2017



CONTACT INFO

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🐙 github.com/wojahn

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ResearchGate [John_Wojahn](https://www.researchgate.net/profile/John_Wojahn)

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For more information, please contact me via email

SKILLS

💡 **Research:** Reproducible Science, Phylogenomics, Botany, Computational Biology

💻 **Programming:** R, C/C++, RMarkdown, LaTeX, Bash, Git, GitHub


🧪 **Laboratory:** DNA Extraction, PCR, RNA Extraction, Cultivation

🗣️ **Languages:** English, French

🔑 **Notary:** Comm. 67582

Last updated on 2021-01-08.

2016
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2013

● **Undergraduate Research Assistant**
Oregon State University, Crump Lab  Corvallis, Oregon, USA

- Investigated the microbiome of *Zostera marina* and *Zostera japonica*
- Collected samples on research cruises off the Oregon coast, on the Columbia River, and in the Arctic Ocean

Winter
2012

● **Undergraduate Intern**
Oregon Department of Fish and Wildlife  Corvallis, Oregon, USA

- Dissected juvenile Pacific Salmon to remove kidneys for ELISA analysis


TEACHING EXPERIENCE

Spring
2021

● **Vertically Integrated Projects Mentor**
Instructor of R and Data Mining Techniques  Boise, Idaho, USA


Summer
2020

● **EPSCoR Research Technician 2/Bioinformatics Instructor**
Instructor of R and Data Mining Techniques for Summer Academic Research Experience (SARE) Class

 Boise, Idaho, USA

2020
|
2018

● **Teaching Assistant**
Introductory Cell and Molecular Biology Lab Teaching Assistant

 Boise, Idaho, USA

GRANTS


2014

● **University Honors College DeLoach Work Scholarship**
Oregon State University  Corvallis, Oregon, USA

- \$1000

POSTERS AND PRESENTATIONS

2020

● **G2PMineR: A genome to phenome literature review approach**
Poster for 2020 GEM3 Annual Meeting  Boise, Idaho, USA

Wojahn JMA, Galla SJ, Buerki S

2018

● **Developing a rapid plant community survey for use in biodiversity hotspots**
Poster for the Forum on Biodiversity of Global Hotspots


 Boise, Idaho, USA

Wojahn JMA, Buerki S

PEER-REVIEWED PUBLICATIONS

Accd.
2019

● **Molecular systematics and biogeography of the angiosperm flora of Madagascar**
The New Natural History of Madagascar. Princeton University Press. 2022

 Princeton, Massachusetts, USA

Wojahn JMA, Callmander MW, Lowry PP, Buerki S

Scholar Metrics

Citations: 27

h-index: 1

i10-index: 1

RG Score: 3.69

Accd.
2019

● **Phylogenetic insights into the systematics of Sapindaceae in Madagascar: How have things advanced since Capuron published his family treatment in 1969?**

The New Natural History of Madagascar. Princeton University Press. 2022

📍 Princeton, Massachusetts, USA

Buerki S, Philipson P, Lowry PP, **Wojahn JMA**, Andriambololonera S, Callmander MW

2018

● **Metatranscriptomics and amplicon sequencing reveal mutualisms in seagrass microbiomes**

Frontiers in Microbiology. 2018 9:388

📍 Lausanne, Switzerland

Crump BC, **Wojahn JMA**, Tomas F, Mueller RS