

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
|
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

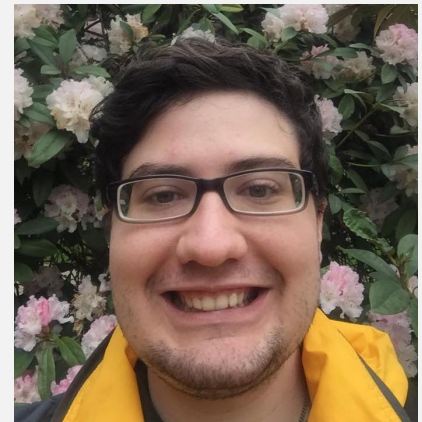
Thesis: A metanalysis of sequences of vascular plants in the world's biodiversity hotspots with a special section on Madagascar
 - **Oregon State University**
Honors BS in Marine Biology
📍 Corvallis, Oregon, USA

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)

🐦 [J_M_A_Wojahn](https://twitter.com/J_M_A_Wojahn)

📞 +1 208-340-8626

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 for Sven Buerki's Vertically Integrated Projects (VIP) course at Boise State University
 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 at Boise State University
 Boise, Idaho, USA
- 2020
|
2018
- **Graduate Teaching Assistant**
Introductory Cell and Molecular Biology Lab Teaching Assistant at Boise State University
 Boise, Idaho, USA
- 2015
|
2013
- **Undergraduate Teaching Assistant**
Assisted in teaching introductory French to 7th grade students at Cheldelin Middle School
 Corvallis, Oregon, 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

Hobbies

Guitar
Bonsai
Training My Dog
Gardening
Weightlifting
Walking



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

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

Scholar Metrics

Citations: 27

h-index: 1

i10-index: 1

RG Score: 3.69