

JOHN M. A. WOJAHN

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

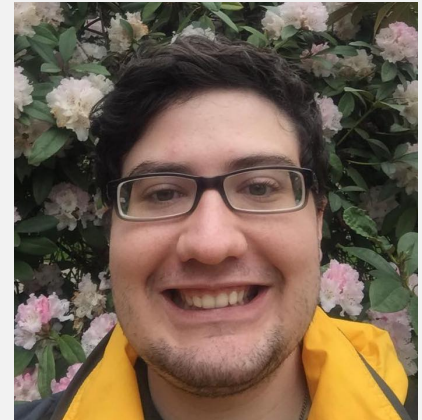
I am broadly interested in plant evolution, bioinformatics, and reproducible science

EDUCATION

- Present | 2020
- Boise State University**
PhD in Ecology, Evolution, and Behavior Emphasis in Global Change
Boise, Idaho, USA
Equal Co-Advisors: Sven Buerki and Martin W. Callmander
- 2020 | 2018
- Boise State University**
MS in Biology
Boise, Idaho, USA
Major Advisor: Sven Buerki
- 2016 | 2011
- Oregon State University**
BS in Marine Biology (Honors, with Minor in French)
Corvallis, Oregon, USA
Major Advisor: Byron C. Crump
- 2016 | 2011
- Oregon State University**
BS in Microbiology (Honors, with Minor in Chemistry)
Corvallis, Oregon, USA
Major Advisor: Byron C. Crump

RESEARCH EXPERIENCE

- Present | 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
- Present | 2020
- 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



CONTACT INFO

✉ johnmichaelwojahn@gmail.com

ORCID [0000-0002-5060-0798](https://orcid.org/0000-0002-5060-0798)

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

🐙 github.com/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, Python, LaTeX, Bash, Git, GitHub
- 🧪 **Laboratory:** DNA Extraction, PCR, RNA Extraction, Cultivation
- 🗣️ **Languages:** English, French
- 👤 **Notary:** Comm. 67582

Last updated on 2021-04-02.

- 2020
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2017 • **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
- 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

- 2021 • **Testing the Reproducibility of Collection and Sequencing Efforts for the Biodiversity Hotspot Flora and Producing a Phylogeny of the Pandanaceae to Assess Evolutionary Distinctiveness and Risk of Extinction**
Poster for 2021 Graduate Proposal Showcase  Boise, Idaho, USA
Wojahn JMA, Callmender MW, Smith J, Novack S, Buerki S

Hobbies


Guitar
Bonsai
Drawing/Engraving
Weightlifting
Dogs
Gardening
Traveling
Walking


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

2021 ● **G2PMineR: A Genome to Phenome Literature Review Approach**
Genes. 12:293 <https://doi.org/10.3390/genes12020293>  Basel, Switzerland
Wojahn JMA, Galla SJ, Melton AE, Buerki S

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
<https://doi.org/10.3389/fmicb.2018.00388>  Lausanne, Switzerland
Crump BC, Wojahn JMA, Tomas F, Mueller RS



DIVERSITY, EQUITY, AND INCLUSION

2020-present ● **Vertically Integrated Projects (VIP)**
Mentored undergraduates within the framework of addressing larger research questions  Boise, Idaho, USA

Summer 2020 ● **Summer Authentic Research Experience (SARE)**
Mentored minority and first-generation undergraduates  Boise, Idaho, USA

Scholar Metrics

Citations: 36

h-index: 1

i10-index: 1

RG Score: 5.16

2019



Plant identification for people with visual impairment

Posted an accessible guide on plant identification for people with visual impairments online at

<https://wojahn.github.io/AccessiblePlantID/>

📍 Boise, Idaho, USA



LEADERSHIP

2019-
2020



Vice President

Ecological Research Association

📍 Boise, Idaho, USA

Department of Biological Sciences graduate student social and professional development association