

# 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

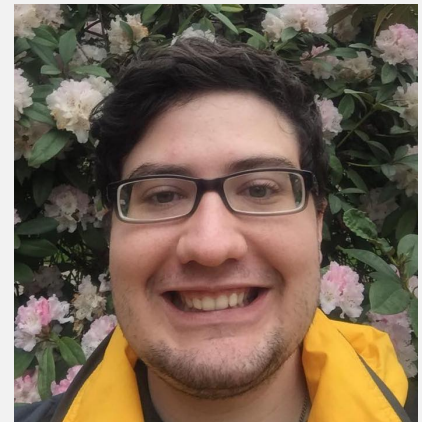
- Provider of bioinformatics programming support for the GEM3 project in Sven Buerki's lab
- Developed bioinformatics tools for the GEM3 community

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

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

🐙 [github.com/wojahn](https://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 2021-02-02.*

- 2020**  
**|**  
**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**  
**|**  
**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

## Hobbies

**Guitar**  
**Bonsai**  
**Drawing/Engraving**  
**Weightlifting**  
**Dogs**  
**Gardening**  
**Traveling**  
**Walking**

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

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



## LEADERSHIP

2019-  
2020

- **Vice President**  
Ecological Research Association  
Boise, Idaho, USA  
Department of Biological Sciences graduate student social and professional development association

## Scholar Metrics

Citations: 27

h-index: 1

i10-index: 1

RG Score: 3.69