

## **Joseph (JoJo) Sardina, Jr.**

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### **Education**

Doctor of Philosophy, Genetics. 2019-Present (Expected Graduation 2024). University of Wisconsin, Madison, WI. GPA: 3.92/4.0

Bachelor of Science, Biology. 2012-2016. University of Wisconsin, Madison, WI. GPA: 3.47/4.0

### **Research Experience**

*Research Assistant*. 2019-Present. Department of Bacteriology, University of Wisconsin, Madison, WI

*Associate Research Specialist*. 2018-2019. Department of Medical Microbiology & Immunology, University of Wisconsin, Madison, WI

*Research Technician II*. 2017-2018. Molecular Genomics Core, University of Southern California, Los Angeles, CA

*Herbarium Intern & Molecular Systematics Researcher*. 2016-2017. Cullman Program, The New York Botanical Garden, Bronx, NY

*Undergraduate Researcher*. 2016. Department of Botany, University of Wisconsin, Madison, WI

### **Teaching Experience and Extracurricular Activities**

*Committee Chair*. 2021-Present. Evolution Seminar Series, JF Crow Institute for the Study of Evolution. University of Wisconsin, Madison, WI

*Project Assistant – Reader/Grader*. 2022-Present. Communicating Evolutionary Biology, Biology 522. University of Wisconsin, Madison, WI

*Undergraduate Research Mentor*. 2022-Present.

*Teaching Assistant*. 2021. General Genetics 2, Genetics 468. University of Wisconsin, Madison, WI

*Assistant Lab Coordinator*. 2017. Plant Systematics and Evolution, Biology 3128R1. Sarah Lawrence College, Bronxville, NY

*Assistant Lab Coordinator*. 2015-2016. General Botany, Botany 130. Department of Botany, University of Wisconsin, Madison, WI

### **Publications --- Peer Reviewed Journals**

- Grubbs K.J., D.S. May, **J.A. Sardina**, R.K. Dermenjian, T.P. Wyche, A.A. Pinto-Tomás, J. Clardy, & C.R. Currie. 2021. Pollen *Streptomyces* Produce Antibiotic That Inhibits the Honey Bee Pathogen *Paenibacillus* larvae. *Front. Microbiol.* 12:632637.
- Karol K.G., M.S. Alix, R.W. Scribailo, P.M. Skawinski, R.S. Sleith, **J.A. Sardina**, & J.D. Hall. 2018. New records of the rare North American endemic *Chara brittonii* (Characeae), with comments on its distribution. *Brittonia* 70: 277-288.

### **Presentations/Posters**

**Sardina J.A.**, C.R. Currie, & P.P. Sharma. 2023. Evolutionary origins of the fungus-farming ants' symbiont-housing organ. Society for Integrative & Comparative Biology Annual Meeting, January 3-7, Austin, TX

- Cheong A., **J.A. Sardina**, & L. Kalan. 2018. Investigating fungal-bacterial growth interactions in diabetic foot ulcers. Kenneth B. Raper Symposium, September 4, Madison, WI
- Sardina, J.A.** & K.G. Karol 2017. Intra- and inter-population comparison of *Chara brittonii* organellar genomes. Northeast Algal Society Conference, April 21-23, Bretton Woods, NH
- Bilek, I.H., Glass, S.E. & **J.A. Sardina**. 2017. Testing historical morphology-based determinations of *Chara* using DNA sequence data from herbarium specimens. Northeast Algal Society Conference, April 21-23, Bretton Woods, NH