Jennifer A. Jordan

ORCiD: 0000-0001-5521-360X

Ph.D. Candidate, Environmental Science & Policy Department, George Mason University

Predoctoral Research Fellow, Smithsonian ForestGEO Ecosystems and Climate Program

Research Interests: forest carbon cycling • climate - vegetation interactions • ForestGEO network data synthesis • ecosystem resilience under global change

(301) 351-2059 • jjorda8@gmu.edu

EDUCATION

Ph.D. Environmental Science & Policy, George Mason University, GPA: 3.9, *expected Aug 2027*

Dissertation: *Hot-Dry Extremes, Disturbance, and Source–Sink Decoupling in Eastern Temperate Forests*

Committee: Rebecca E. Forkner (chair), Kristina J. Anderson-Teixeira, Paul A. Dirmeyer, Luca L. Morreale

M.S. University of Maryland, Baltimore

B.S. Johns Hopkins University, Baltimore (Dean's Honor)

B.A. University of California, Berkeley

PROFESSIONAL EXPERIENCE

Predoctoral Fellow, Smithsonian ForestGEO Ecosystems & Climate Program 2022 - Present

Smithsonian's National Zoo & Conservation Biology Institute, Front Royal, VA

Field Technician, Smithsonian ForestGEO Ecosystems & Climate Program, 2021 - 2022

Smithsonian's National Zoo & Conservation Biology Institute, Front Royal, VA

PUBLICATIONS & DATA PRODUCTS

Morreale, L.L., R.M. Hoffman, K.J. Basnaschi, I.A. Kennedy, E. MacMonigle, C. Troy, C. Dow, E. Gonzalez-Akre, V . Hermann, **J. Jordan**, L. Magee, D. Mitre, C. Pate, J. Shue, N.A. Bourg, W .J. McShea, K.J. Anderson-Teixeira. Nuisance species compromise carbon sequestration potential in an Eastern US temperate deciduous forest. New Phytologist (In revision).

Jordan, J. (2025). Marine carbon dioxide removal: NOAA policy priorities for efficacy and risk reduction. Journal of Science Policy & Governance, 26(1). https://doi.org/10.38126/JSPG260103

Kim, A. Y., Herrmann, V., Barreto, R., Calkins, B., Gonzalez-Akre, E., Johnson, D. J., **Jordan, J.**, Magee, L., McGregor, I. R., Montero, N., Novak, K., Rogers, T., Shue, J., & Anderson-Teixeira, K. J. (2022). Implementing GitHub Actions continuous integration to reduce error rates in ecological data collection. Methods in Ecology and Evolution, 13(11), 2572–2585. https://doi.org/10.1111/2041-210X.13982

Herrmann, V., Anderson-Teixeira, K., Kim, A., Calkins, B.,Shue, J., **Jordan, J.,** & Magee, L. (2021). SCBI-ForestGEO/SCBImortality: first official release (v2021.10.05). Zenodo. https://doi.org/10.5281/zenodo.5551148

McGregor, I., Kim, A.,Anderson-Teixeira, K.,Gonzalez-Akre, E., Dow, C.,Terrell, A., Shue, J., **Jordan, J.,** Calkins, B., & Herrmann, V. 2021. SCBI-ForestGEO/ Dendrobands: first official release (v2021.10.05). Zenodo. https://doi.org/10.5281/zenodo.5551144

Jordan, J. and Nadel, S. 1992. Does the rat smell the cheese? A preliminary evaluation of financial incentives provided to utilities. Pages 229-254 *in* S. Nadel, M. Reid, and D. Wolcott, editors. Regulatory incentives for demand-side management. American Council for an Energy-Efficient Economy, Washington, D.C., USA.

Jordan, J. and Nadel, S. 1992. Industrial demand-side management programs: what's happened, what works. American Council for an Energy-Efficient Economy, Washington D.C., USA.

Jordan, J. and Nadel, S. 1991. End-use industrial energy demand & conservation potential. Pages 59-66 *in* America's energy choices: investing in a strong economy and a clean environment. Union of Concerned Scientists, Cambridge, MA, USA.

Nadel, S. and **Jordan, J.** 1992. Are industrial customers winners or losers from DSM? American Council for an Energy-Efficient Economy, Washington D.C., USA.

TEACHING

Instructor, George Mason University, BIOL 124/125 *Anatomy & Physiology* 2024 - Present

Instructor, George Mason University, BIOL 105 *Cell Biology* 2023 - 2024

Adjunct Faculty, George Washington University, *Diagnostic Reasoning in Medicine* 2009 - 2011

COMPETITIVE FELLOWSHIPS & AWARDS

George Mason University Biology GRA award ($4,900) 2024

Smithsonian Graduate Student Fellowship ($10,000) 2023

George Mason University College of Science GRA award ($22,000) 2022 - 2023

HONORS

Invited Member, Deep Ocean Stewardship Initiative Climate Change Working Group 2025

Featured Publication, George Mason University College of Science News 2025

Marine Carbon Dioxide Removal: Understanding Environmental Risks and Impacts, https://science.gmu.edu/news/marine-carbon-dioxide-removal-understanding-environmental-risks-and-impacts

MEMBERSHIPS

AAUW • American Geophysical Union • ESA • GMU ESP Graduate Association • International Tree Mortality Network • Association for Tropical Biology and Conservation

TECHNICAL SKILLS

Software & Programming: R • ENVI • Excel • GIS in R • GitHub

LEADERSHP & SERVICE

Guest Lecturer, GMU ESP Program, Environmental Policymaking Course 2025

Mentor, Walt Whitman High School, Bethesda, MD, National Conservation Student Club 2025

Co-Founder, Green Neighbors Community Organization, Cabin John, MD 2008 - 2018