

Daniel W. Mueller, Ph.D.

Washington State University
Division of Governmental Studies and Services
Hulbert Hall 311C, Pullman, Washington 99164
daniel.mueller@wsu.edu | www.danielwmueller.com

EDUCATION

- 2019 Ph.D., Political Science
Washington State University
Dissertation: *In Pursuit of Sustainability: Local Policy Output and The Roles of Community Capitals and Collaborative Governance*
Committee: Steven Stehr (Chair), Mark Stephan, Michael Goldsby, Season Hoard
- 2015 M.A., Political Science
Washington State University
- 2013 B.A., Political Science, History
University of Wisconsin – Green Bay

PROFESSIONAL EMPLOYMENT

- 2023 – Present Extension Associate Professor
Division of Governmental Studies and Services
Washington State University | Pullman, WA
- 2019 – Present Lecturer
Department of Political Science and Public Administration
University of Wisconsin – La Crosse | La Crosse, WI
- 2020 – 2023 Lecturer
Department of Government
U.S. Coast Guard Academy | New London, CT
- 2015 – 2019 Research Assistant
Division of Governmental Studies and Services
Washington State University | Pullman, WA

AREAS OF SPECIALIZATION

Environmental policy and politics, climate change, sustainability, collaborative and environmental governance, environmental ethics, American politics

PUBLICATIONS

Hoard, S., **Mueller, Daniel W.**, Kyei-Boadu, N. B., & Sanders, C. (2022). *Washington CDL Requirements Evaluation Final Report*. [Technical Report]. WSU Extension, Division of Governmental Studies and Services.

Anderson, B. J., **Mueller, Daniel W.**, Hoard, S. A., Sanders, C. M., & Rijkhoff, S. A. M. (2022). Social Science Applications in Sustainable Aviation Biofuels Research: Opportunities, Challenges, and Advancements. *Frontiers in Energy Research – Bioenergy and Biofuels*, 9(771849), 1-15.
<https://doi.org/10.3389/fenrg.2021.771849>

Boglioli, M., **Mueller, Daniel W.**, Strauss, S., Hoard, S., Beeton, Tyler A., & Budowle, R. (2022). Searching for Culture in "Cultural Capital": The Case for a Mixed Methods Approach to Production Facility Siting. *Frontiers in Energy Research – Bioenergy and Biofuels*, 9(772316), 1-14.
<https://doi.org/10.3389/fenrg.2021.772316>

Mueller, Daniel, Hoard, S., Roemer, K., Sanders, C., & Rijkhoff, S. A. M. (2020). Quantifying the Community Capitals Framework: Strategic Application of the Community Assets and Attributes Model. *Community Development*, 51(5), 535-555. <https://doi.org/10.1080/15575330.2020.1801785>

Martinkus, N., Latta, G., Rijkhoff, S. A. M., **Mueller, Daniel**, Hoard, S., Sasatani, D., Pierobon, F., & Wolcott, M. (2019). A Multi-Criteria Decision Support Tool for Biorefinery Siting: Using Economic, Environmental, and Social Metrics for a Refined Siting Analysis. *Biomass and Bioenergy*, 128(September). <https://doi.org/10.1016/j.biombioe.2019.105330>

Mueller, Daniel, Hoard, S., Smith, P. M., Sanders, C., & Gaffney, M. (2019). Airport Management Perspectives on Aviation Biofuels: Drivers, Barriers, and Policy Requirements in the U.S. Pacific Northwest. *International Journal of Aviation Management*, 4(3), 163-181.
<https://doi.org/10.1504/IJAM.2019.098380>

Mueller, Daniel. (2018). Gendered Representation in Political Science Textbooks. In Levintova, K. & Staudinger, A. (Eds.), *Gender in the Political Science Classroom* (pp. 89-115). Bloomington, IN: Indiana University Press.

Morczek, A. & **Mueller, Daniel**. (2017). Online Misogyny: Contextualizing Violence Toward Women in the Digital Age. *Sexual Assault Report*, 20(6), 85-97.

Smith, P. M. J., Gaffney, M., Shi, W., Hoard, S., Ibarrola Armendariz, I., & **Mueller, Daniel**. (2017). Drivers and Barriers to the Adoption and Diffusion of Sustainable Jet Fuel (SJF) in the U.S. Pacific Northwest. *Journal of Air Transport Management*, 58, 113-124.
<https://doi.org/10.1016/j.jairtraman.2016.10.004>

Levintova, E. M. & **Mueller, Daniel**. (2015). Sustainability: Teaching an Interdisciplinary Threshold Concept through Traditional Lecture and Active Learning. *The Canadian Journal for the Scholarship of Teaching and Learning*, 6(1). <https://doi.org/10.5206/cjsotl-rcacea.2015.1.3>

INVITED PRESENTATIONS, LECTURES, AND TRAININGS

2021 **Mueller, Daniel** & Blanchard, N. *The U.S. Constitution*. Constitution Day Lecture and Discussion. Waterford Public Library. Waterford, CT.

2020 **Mueller, Daniel**. *Climate Change and the Global Order*. Great Decisions Lecture Series. University of Wisconsin-Green Bay. Green Bay, WI.
**Expected April 2020, cancelled due to COVID-19 pandemic*

Mueller, Daniel & Motta, M. (Discussants) *Determinants of Environmental Attitudes: Transient Events versus Persistent Traits*. Junior Scholar Symposium. Midwest Political Science Association Annual Conference. Chicago, IL.
**Expected April 2020, cancelled due to COVID-19 pandemic*

2019 **Mueller, Daniel** & Sanders, C. *Alternative Aviation Fuels: Developing an Action Plan for the Southeast*. University of Tennessee, Knoxville, TN.

2018 Morczek, A. & **Mueller, Daniel**. *Online Misogyny: Contextualizing Violence Toward Women in the Digital Age*. Utah Coalition Against Sexual Assault. Salt Lake City, Utah. January 16th, 2018.

ACADEMIC PRESENTATIONS

2020 **Mueller, Daniel**. *In the Absence of National Action: How Local Factors Affect a Community's Pursuit of Sustainability*. Midwest Political Science Association Annual Conference. Chicago, IL.
**Accepted for presentation, cancelled due to COVID-19 pandemic*

Mueller, Daniel, Aitalieva, N. R., Bennett, D., Miller, J. L., Quatrini, A. L., Streeter, S. A., & Tatarczyk, D. (Panel Participants) *How to Finish Your Dissertation*. Midwest Political Science Association Annual Conference. Chicago, IL.
**Accepted for presentation, cancelled due to COVID-19 pandemic*

- Mueller, Daniel**, Haglin, K., Krumm, M., Strong, C. R., Turner, K., & Widmeier, M. (Panel Participants) *How to Survive Graduate School*. Midwest Political Science Association Annual Conference. Chicago, IL.
**Accepted for presentation, cancelled due to COVID-19 pandemic*
- 2019 **Mueller, Daniel**, Goldsby, M., Padowski, J., Roshan, H., & Hoard, S. *Modeling the Uptake and Spread of Technological and Institutional Innovations in Managed Storage for a FEW System*. UCOWR Annual Water Resources Conference. Snowbird, UT.
- Mueller, Daniel**, Hoard, S., Roemer, K., Sanders, C., & Rijkhoff, S. A. M. *Quantifying the Community Capitals Framework: Strategic Applications of the Community Assets and Attributes Model*. Washington State University Academic Showcase. Pullman, WA.
- 2018 **Mueller, Daniel**, Hoard, S., Roemer, K., Rijkhoff, S., & Sanders, C. *Quantifying the Community Capitals Framework: Strategic Application of the Community Assets and Attributes Model*. Pacific Northwest Political Science Association Annual Meeting. Bend, OR.
- Mueller, Daniel** & Hoard, S. *Community Capitals: Measuring, Mapping, and Strategic Application of the CAAM*. Fall 2018 ASCENT Annual Meeting. Alexandria, VA.
- Mueller, Daniel**, Hoard, S., Sanders, C. & Gaffney, M. *From Field to Flight: Using Community Capitals to Predict Sustainable Aviation Biofuel Scale-Up*. Washington State University Academic Showcase. Pullman, WA.
- 2017 **Mueller, Daniel**, Hoard, S., Sanders, C., & Gaffney, M. *From Field to Flight: Using Community Capitals to Predict Sustainable Aviation Biofuel Scale-Up*. Northwest Climate Conference. Tacoma, WA.
- Mueller, Daniel**, Hoard, S., Sanders, C., & Gaffney, M. *The Community Assets and Attributes Model: Refining and Updating Measurements for Social Assets*. Fall 2017 ASCENT Annual Meeting. Alexandria, VA.
- 2016 **Mueller, Daniel**, Hoard, S., Sanders, C., Gaffney, M., & Smith, P. *Strategic Applications of the Community Assets and Attribute Model*. Washington State University Sustainability Fair. Pullman, WA.
- Mueller, Daniel**, Hoard, S., Smith, P., Sanders, C., & Gaffney, M. *Stakeholder Perceptions of Aviation Biofuels in the PNW*. Northwest Wood Based Biofuels Coproducts Conference. Seattle, WA.
- Shi, W., Smith, P., Ibarrola, I., Gaffney, M., Hoard, S., & **Mueller, Daniel**. *Aviation Fuel Supply Chain Stakeholder Perceptions in the PNW Region*. Northwest Wood Based Biofuels Coproducts Conference. Seattle, WA.

Mueller, Daniel. *Gendered Representation in Political Science Textbooks*. Midwest Political Science Association Annual Conference. Chicago, IL.

Martinkus, N., Rijkhoff, S., Shi, W., Venugopal, P., Hoard, S., Gaffney, M., Smith, P., & **Mueller, Daniel.** *Refining Community Asset and Attribute Modeling: Applying Social Data to Inform Biofuel Project Site Selection in the NARA Region*. Washington State University Academic Showcase. Pullman, WA.

Mueller, Daniel. *Gendered Representation in Political Science Textbooks*. American Political Science Association Teaching and Learning Conference. Portland, OR.

2015 Hoard, S., Gaffney, M., & **Mueller, Daniel.** *Community Asset & Attribute Modeling*. NARA Annual Meeting. Spokane, WA.

Martinkus, N., Rijkhoff, S., Shi, W., Venugopal, P., Hoard, S., Gaffney, M., Smith, P., & **Mueller, Daniel.** *Community Asset and Attribute Modeling: Applying Social Data to Inform Biofuel Project Site Selection in the NARA Region*. NARA Annual Meeting. Spokane, WA.

RESEARCH EXPERIENCE

2015 – 2019

Research Assistant

Division of Governmental Studies and Services, Washington State University

- Worked on large, collaborative, interdisciplinary research projects funded by the federal government
- Developed a quantitative model using exploratory factor analysis that measures social, political, cultural, and human capitals
- Engaged in stakeholder research by developing, administering, and analyzing surveys and conducting interviews
- Created, managed, and applied large datasets for numerous research projects associated with community development, policy, and climate change resiliency
- Created maps on GIS software for data presentation

TEACHING EXPERIENCE

U.S. Coast Guard Academy

2023 0003 Coast Guard History (Summer)

2163 American Government (Spring)

5379 Interdisciplinary Seminar in Environmental Stewardship (Spring)

2361 Political Theory (Spring)

2022 2163 American Government (Fall)

- 0003 Coast Guard History (Summer)
- 5379 Interdisciplinary Seminar in Environmental Stewardship (Spring)
- 2265 Comparative Politics (Spring)
- 2163 American Government (Spring)
- 2021 2485 Global Challenges (Fall)
- 2163 American Government (Fall)
- 0003 Coast Guard History (Summer)
- 2485 Global Challenges (Summer)
- 2163 American Government (Spring, Online Synchronous)
- 2142 Computer Problem Solving (Spring, Online Synchronous)
- 2020 2163 American Government (Fall, Online Synchronous)

University of Wisconsin – La Crosse

- 2023 PUB 338 Environmental Policy (Fall, Online Asynchronous)
- POL 101 American National Government (Spring, Online Asynchronous)
- 2022 POL 101 American National Government (Fall, Online Asynchronous)
- POL 101 American National Government (Spring, Online Asynchronous)
- PUB 338 Environmental Policy (Spring, Online Asynchronous)
- 2021 POL 101 American National Government (Fall, Online Asynchronous)
- PUB 338 Environmental Policy (Fall, Online Asynchronous)
- POL 101 American National Government (Spring, Online Asynchronous)
- PUB 210 Introduction to Public Administration (Spring, Online Asynchronous)
- 2020 POL 102 State & Local Politics (Fall, Online Asynchronous)
- PUB 210 Introduction to Public Administration (Fall, Online Asynchronous)
- POL 101 American National Government (Spring)
- PUB 338 Environmental Policy (Spring)
- 2019 POL 101 American National Government (Fall)
- POL 234 Comparative Politics (Fall)

Washington State University

- 2019 POL_S 340 Introduction to Public Administration (Summer, Online Asynchronous)
- 2018 POL_S 316 American Public Policy (Summer, Online Asynchronous)
- 2015 PHIL 101 Introduction to Philosophy (Spring, Teaching Assistant)
- 2014 PHIL 365 Biomedical Ethics (Fall, Teaching Assistant)
- PHIL 370 Environmental Ethics (Spring, Teaching Assistant)
- 2013 PHIL 365 Biomedical Ethics (Fall, Teaching Assistant)

HONORS, AWARDS, AND GRANTS

- 2019 School of Politics, Philosophy, and Public Affairs Dissertation Completion Grant
Washington State University, School of Politics, Philosophy, and Public Affairs
- 2018 Paul L. Beckett Graduate Fellowship in Public Administration
Washington State University, School of Politics, Philosophy, and Public Affairs
- 2017 Alice O. Rice Graduate Fellowship
Washington State University, The Foley Institute
- Paul L. Beckett Graduate Fellowship in Public Administration
Washington State University, School of Politics, Philosophy, and Public Affairs
- 2016 Claudius O. & Mary W. Johnson Graduate Fellowship in Political Science
Washington State University, School of Politics, Philosophy, and Public Affairs
- 2015 Paul L. Beckett Graduate Fellowship in Public Administration
Washington State University, School of Politics, Philosophy, and Public Affairs
- Scott and Betty Lukins Graduate Fellowship
Washington State University, The Foley Institute

SERVICE

Facilitator, Core Values of Honor Trainings
US Coast Guard Academy. July 2023.

Chair/Discussant, Environmental Justice, Deservingness, and Academic Freedom
New England Political Science Association Conference. April 2023.

Member, Environmental Working Group
US Coast Guard Academy. March 2021 – July 2023.

Co-Advisor, Society for Political and International Affairs
US Coast Guard Academy. August 2021 – July 2023.

Facilitator, Core Values of Honor Trainings
US Coast Guard Academy. July – August 2022.

Search Committee Member, Department Head
US Coast Guard Academy. April – May 2022.

Facilitator, Core Values of Honor Trainings
US Coast Guard Academy. July – August 2021.

Volunteer, Correctional Industries Workforce Development Mock Interview Fair
Coyote Ridge Corrections Center. September 28, 2017.

Volunteer, Correctional Industries Workforce Development Mock Interview Fair
Airway Heights Corrections Center. November 1, 2016.

PROFESSIONAL MEMBERSHIPS

American Political Science Association (APSA)

Midwest Political Science Association (MPSA)

REFERENCES

Michael Goldsby, Ph.D.
Associate Professor of Philosophy
School of Politics, Philosophy, and Public Affairs
Washington State University
Johnson Tower 824
Phone: 509.335.0942
Email: michael.goldsby@wsu.edu

Season Hoard, Ph.D.
Associate Professor Career Track
School of Politics, Philosophy, and Public Affairs
Project Manager
Division of Governmental Studies and Services
Washington State University
Hulbert Hall 311F
Phone: 509.335.4093
Email: hoardsa@wsu.edu

Tiffany Smythe, Ph.D.
Associate Professor
Department of Government
United States Coast Guard Academy
Satterlee 239
Phone: 860.444.8609
Email: tiffany.c.smythe@uscga.edu

LCDR Nicole Blanchard
Permanent Commissioned Teaching Staff
Department of Government
United States Coast Guard Academy
Phone: 860.444.6440
Email: nicole.l.blanchard@uscga.edu