

JENNY APRIESNIG

Professional Experience

Assistant Professor

Aug. 2018 – Present College of Business, Michigan Technological University

Postdoctoral Research Associate

July 2017 – July 2018 Julie Ann Wrigley Global Institute of Sustainability, Arizona State University.

Education

Ph.D.	Agricultural & Resource Economics	Colorado State University	August 2017
	Dissertation: <i>A Bioeconomic and General Equilibrium Framework to Address Fishery Management and Invasive Species</i>		
M.S.	Economics Environmental & Natural Resources	University of Wyoming	August 2013
	Thesis: <i>The Implications of Invasive Species Policies on the Regional Economy of the Great Lakes: A Computable General Equilibrium Model</i>		
B.S.	Economics	University of Wisconsin – Superior	May 2010

Journal Articles

- Apriesnig, J.L., Warziniack, T., Finnoff, D.C., Zhang, H., Lee, K.D., Mason, D., and E. Rutherford. 2022. The Consequences of Misrepresenting Feedbacks in Coupled Human and Environmental Models. *Ecological Economics*. 195.
- Lee, K., Apriesnig, J., and H. Zhang. 2021. Socio-ecological evaluation of bioeconomic fisheries management: the case of Yellow Perch in Lake Erie. *Frontiers in Ecology and Evolution*. 9.
- Campbell, V.L., Thompson, J.M., Apriesnig, J.L., Pendell, D.L., and G.L. Tonsor. 2021. Producer's Willingness to Invest in On-Farm Carcass Disposal: a Study on U.S. Poultry. *Journal of Applied Poultry Research*. 30(4).
- Palm, K.E., Campbell, G.A. and J.L. Apriesnig. 2021. Management of Local Fisheries: A Case Study of Laoang, Northern Samar, Philippines. *Marine Policy*. 132.
- Apriesnig, J.L., Manning, D.T., Suter, J.F., Magzamen, S., and J.E. Cross. 2020. Academic Stars and Energy Stars, an Assessment of Student Academic Achievement and School Building Energy Efficiency. *Energy Policy*. 147.
- Vongsikeo, V., Breffle, W.S., Apriesnig, J.L., and B.D. Barkdoll. 2020. The Economic Value of Carbon Sequestration Through Tree Planting in Laos. *Asian Development Policy Review*. 8(2): 102-111.
- Lodge, D.M., Simonin, P.W., Burgiel, S.W., Keller, R.P., Bossenbroek, J.M., Jerde, C.L., Kramer, A.M., Rutherford, E.S., Barnes, M.A., Wittmann, M., Chadderton, W.L., Apriesnig, J.L., Beletsky, D., Cooke, R., Drake, J.M., Egan, S.P., Finnoff, D.C., Gantz, C., Grey, E.K., Hoff, M.H., Howeth, J., Jensen, R.A., Larson, E.R., Mandrak,

N.E., Mason, D.M., Martinez, F.A., Newcomb, T.J., Rothlisberger, J., Tucker, A.J., Warziniack, T.W., Zhang, H. 2016. Risk Analysis and Bioeconomics of Invasive Species to Inform Policy and Management. *Annual Review of Environment and Resources*, 41:453-488.

Peer Reviewed Reports & Book Chapters

Warziniack, T., Haight, R., Yemshanov, D., **Apriesnig, J.L.**, Holmes, T., Countryman, A., Rothlisberger, J., and C. Haberland. 2021. Economics of Invasive Species in Poland, T.M., Patel-Weynand, T, Finch, D., Miniati, C.F., Hayes, D.C., and Lopez, V. M. (eds.) *Invasive Species in Forests and Rangelands of the United States: A Comprehensive Science Synthesis for the United States Forest Sector*. Springer Verlag, Cham, Switzerland.

Warziniack, T., Finnoff, D.C., and **J.L. Apriesnig**. 2017. Description of the General Equilibrium Model of Ecosystem Services (GEMES). Gen. Tech. Rep. RMRS-GTR-359. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 14 p.

Professional Reports

Apriesnig, J. Connolly, L., and E. Oliveira. 2022. "Regional Economic Impact of Michigan Tech's Externally Sponsored Research Expenditures."

Connolly, L., **Apriesnig, J.**, and E. Oliveira. 2022. "Economic Impact of Changes in Passenger Air Service at Houghton County Memorial Airport."

Works in Progress

Apriesnig, J.L., and J. M. Thompson. *In-preparation*. "Heterogeneous Regional Effects of Economic Hardships on Recreational Fishing Trips"

Campbell, V.L., Thompson, J.M., **Apriesnig, J.L.**, Pendell, D.L., and G.L. Tonsor. *In-preparation*. Producer perceptions of current U.S. livestock indemnity policy. *Journal of Applied Animal Science*.

Apriesnig, J.L., Oliveira, E., Bergman, E.*, Zimelis, J.*, Sepanik, T.*, and J. Ruf*. "Berries and Brews: Fruit Use by Michigan Craft Brewers." *Indicates undergraduate student

Apriesnig, J.L. and J.M. Thompson. "Income Data in Econometric Models: Are we Measuring the True Opportunity Cost?"

Apriesnig, J.L., Warziniack, T., Manning, D., and C. Goemans. "General Equilibrium Privatization of a Regulated Fishery."

Apriesnig, J.L. "The General Equilibrium Implications of Changes in the Great Lakes Shipping Industry."

Grants & Funding

2022 PI, "Economic Impact of Michigan Tech's Research Expenditures." With L. Connolly and E. Oliveira. Funded by Michigan Tech VPR Office. Total Project Value: \$20,032.

Co-PI, "Economic Impact of Houghton's Airport Service (CMX)." With L. Connolly and E. Oliveira. Funded by MTU University Relations and Enrollment Office. Total project value: \$23,740.

2021 Co-PI, "Eagle Mine Economic Impact Study." With E. Oliveira Castro, L. Connolly, M. Buche, G. Campbell- Funded by Lundin Mining. Total Project Value: \$84,659.

- 2020 Co-PI, "Berries & Brews: Understanding the Market and Technological Processing Opportunities of Michigan Grown Fruit in the Craft Beverage Industry." With: M. Tajiri, E. Medici, K. Tajiri, L. Mazzoleni, and M. Thompson. Funded by Michigan Department of Agriculture & Rural Development – Michigan Craft Beverage Council. Total Project Value: \$51,403, Personally Funded \$4,600 for student workers.

Presentations

- 2021 **Apriesnig, J.L.** and J.M. Thompson. "Recreational Marine Fishing in the time of Covid-19." Agricultural and Applied Economics Association Annual Meeting. Austin Texas.
- Apriesnig, J.L.**, Warziniack, T., Finnoff, D.C., Zhang, H., Lee, K.D., Mason, D., and E. Rutherford. "The Consequences of Misrepresenting Feedbacks in Coupled Human and Environmental Models." International Association for Great Lakes Research Annual Conference on Great Lakes Research. Houghton, MI (Virtual)
- 2019 **Apriesnig, J.L.**, Warziniack, T., Finnoff, D.C., Zhang, H., Rutherford, E., and K.D. Lee. "The Consequences of Misrepresenting Feedbacks in Coupled Human and Environmental Models." Civil & Environmental Engineering Graduate Student Seminar, Michigan Tech University
- 2018 **Apriesnig, J.L.**, Manning, D., Suter, J., "School Operations Reporting and Student Academic Achievement." SBE Brown Bag
- Apriesnig, J.L.**, Manning, D., Suter, J., "School Operations Reporting and Student Academic Achievement." International Society of Exposure Science and International Society for Environmental Epidemiology Joint Annual Meeting. Ottawa, Ontario, Canada.
- 2017 **Apriesnig, J.L.** "Regional Economic Modeling of Aquatic Invasions in the Great Lakes." Webinar. Asian Carp Canada, Invasive Species Centre.
- 2015 **Apriesnig, J.L.**, Warziniack, T., Finnoff, D.C., Wittmann, M.E., Zhang, H., and K.D. Lee. "General Equilibrium Impacts of an Asian Carp Invasion on the Regulated Fishing Sectors of Lake Erie." Poster, Colorado State University Graduate Student Showcase.
- Apriesnig, J.L.**, and T. Warziniack. "Regional Economic Assessment of Aquatic Plant Pests in the Great Lakes Basin." Great Lakes Panel on Aquatic Nuisance Species, NOAA, Great Lakes Environmental Research Laboratory.
- 2014 **Apriesnig, J.L.** "The Implications of Invasive Species Policies on The Regional Economy of the Great Lakes: A Computable General Equilibrium Model." Graduate Student Research Symposium, Department of Agricultural & Resource Economics Research, Colorado State University.
- 2013 **Apriesnig, J.L.** and S. Glendenning. "The Role of Bonding in the Reclamation Process, and its Application to the Pinedale Anticline Project Area, Wyoming." Wyoming Resource Advisory Council, Bureau of Land Management, Laramie, Wyoming.

Teaching Experience

- 2018- Present College of Business, Michigan Tech University
- Principles of Economics, 50+ Students/section
 - 5 Face to Face Sections, 1 Online Section
 - Microeconomic Theory, 30 + Students/section
 - 2 Face to Face Sections, 1 Remote Section
 - Managerial Economics (Graduate), 30+ Students/section
 - 2 Face to Face Sections, 1 Remote Section, 1 Hybrid Section
 - Natural Resource Economics, 7 Students/section
 - 2 Face to Face Sections

- Natural Resource Economics (Graduate), 3 Students/section
 - 2 Face to Face Sections

2016 Department of Agricultural & Resource Economics, Colorado State University

- Introductory Microeconomics, 2 Face to Face Sections, 165+ Students/section

Awards & Honors

2022 *Student Organization Advisor of the Year*, Awarded by Michigan Technological University Student Leadership & Involvement for role as Collegiate DECA Advisor

2022 *Service Award*, Awarded by the College of Business, Michigan Tech University

Professional Development

2021 Participant, Climate-Governance Variability in the Great Lakes, Workshop and Research Coordination Network

2016 Teaching Certificate, The Institute for Learning and Teaching, Colorado State University.

2015 Participant, State of Science for Non-Native Invasive Species Stakeholder Workshop, USDA Forest Service Research and Development. Phoenix, Arizona.

2009 Scholar, McNair Scholars Program. University of Wisconsin – Superior.

Service

Professional

Workshop Organization

- Organizing Member, *Valuation of the Great Lakes Fisheries and Aquatic Ecosystem Services Workshop*, collaboration with representatives from TNC, GLFC, IJCC, and University of Guelph, 2021

Session Chair

- Midwest Economic Association Annual Meeting, Minneapolis, MN – 2022. Session Title: Public Goods, Externalities, and Government Policy

Referee

- National Science Foundation Proposal, 2022
- *Aquaculture*, 2021
- *Frontiers in Ecology and Evolution*, 2021
- *Global Ecology and Biogeography*, 2021
- *Marine Science*, 2021
- Agricultural and Applied Economics Association, 2020
- *Environmental Development*, 2019
- *Journal of Great Lakes Research*, 2018-2019
- *Society & Natural Resources*, 2014

University

Student Activities

- Poster Judge, Undergraduate Research Symposium, Michigan Tech University, 2019, 2021
- Panel Speaker, Research Day, Session: “Finding and Submitting Proposals in Humanities, Arts and Business,” Michigan Tech University, 2021
- Poster Judge, World Water Day, Michigan Tech University, 2020
- Volunteer, Student Clothing Drive, Michigan Tech University, 2018-2019

College

Committee Work

- Member, BS/MS Economics Committee, College of Business, Michigan Tech University, 2021-2022
- Member, MBA Committee, College of Business, Michigan Tech University, 2019-2020
- Member, Strategic Planning Committee, College of Business, Michigan Tech University, 2018-2019

Student Research

- Research Project Supervisor. J. Ruf, J. Zimelis, T. Sepanik, E. Bergman. Advise students on research activities related to “Berries and Brews...” funding. 2020 – Present
- Member, V. Vongsikeo Thesis Committee, College of Business, Michigan Tech University, 2020

Student Activities

- Faculty Advisor to Collegiate DECA Student Organization, 2021 - Present
- Poster Judge, BUS 1100 Design Expo, Michigan Tech University, 2019
- Host & Organizer, Visiting Professor – Katherine D. Lee (University of Idaho), 2019

Community

Committee Work

- Member, Little Huskies Parent Advisory Group, 2022-Present