

# Jenny L. Apriesnig

College of Business  
Michigan Technological University  
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## PROFESSIONAL POSITIONS

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### *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

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Ph.D.	Agricultural & Resource Economics	Colorado State University	August 2017
M.S.	Economics Environmental & Natural Resources	University of Wyoming	August 2013
B.S.	Economics	University of Wisconsin – Superior	May 2010

## JOURNAL ARTICLES

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Apriesnig, J.L., and J. M. Thompson. *Under review*. “Heterogeneous Effects of Economic Hardships on Recreational Fishing Trips.” *Journal of Economic Insight*.

Chaudhari, U.S., Sedaghatnia, K., Reck, B.K., Maguire, K., Johnson, A.T., Watkins, D.W., Handler, R.M., Hossain, T., Hartley, D.S., Thompson, V.S., Peralta, A., Apriesnig, J.L., and D.R. Shonnard. *Under review*. PET and Polyolefin Plastics Supply Chains in Michigan: Present and Future Systems Analysis of Environmental and Socio-economic Impacts. *Resources, Conservation & Recycling*.

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

Apriesnig, J.L., Connolly, L., Xavier-Oliveira, E., and K.E. Halvorsen. *Under review*. Regional Economic Impact of University Research Expenditures. *Studies in Higher Education*.

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.

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#### **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.

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#### **PROFESSIONAL REPORTS**

Connolly, L., Apriesnig, J., and T. White. 2024. "Local Economic Impacts of Deepening the Menominee Harbor."

Oliveira, E., Connolly, L., Apriesnig, J., Buche, M., Campbell, G., McElrath, R., and M. Riquelme. 2022. "Eagle Mine Economic Impact Report."

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."

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#### **WORKS IN PROGRESS**

Barnes, M.A., Apriesnig, J.L., Chadderton, W.L., Finnoff, D.C., Mason, D.M., Rutherford, E.S., Shakoob, A., Warziniack, T.W., Wittmann, M.E., Zhang, H., and D.M. Lodge. *In-preparation*. "Ecosystem services portfolio predicts complex human welfare change following invasive species management." *Proceedings of the National Academy of Sciences*.

Apriesnig, J.L. and J.M. Thompson. "Angler Participation during Economic Hardships."

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

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

#### **FUNDED RESEARCH GRANTS**

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- 2023 Co-PI, "Regional Economic Impacts of Dredging the Menominee River Harbor." With L. Connolly and T. White. Funded by the City of Menominee. Total Project Value: \$62,218  
Co-PI, "Center for Climate-drive Hazard Adaptation, Resilience, and Mitigation (C-Charm) in Great Lakes Rural Communities." Funded by the Department of Energy. Total Project Value: \$859,868.  
Co-PI, "Drivers of Energy Service Transitions and Impacts on Well-Being in Forest Dependent Rural Communities." With C. Schelly, J. Perlinger, A. Dyreson, S. Green, S. Wu, J. Guo, D. Bohac, L. Shen. Funded by the Environmental Protection Agency. Total Project Value: \$1.1 million.
- 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**

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- 2024 Apriesnig, J.L., and J.M. Thompson. "Heterogeneous Effects of Economic Hardships on Recreational Fishing Trips." Midwest Economic Association Annual Meeting. Association of Environmental and Resource Economics Session. Chicago, Illinois.
- 2023 Apriesnig, J.L., and J.M. Thompson. "Angler Participation and Economic Hardship." Southern Economic Association Annual Meeting. New Orleans, Louisiana.  
Apriesnig, J.L., Warziniack, T., Manning, D., and C. Goemans. "General Equilibrium Privatization of a Regulated Fishery." Midwest Economic Association Annual Meet. Association of Environmental and Resource Economics Session. Cleveland, Ohio.  
Apriesnig, J.L. "Successes and Failures with Funded Projects." College of Business Brown Bag, Michigan Tech University.
- 2022 Apriesnig, J.L. and J.M. Thompson. "Heterogeneous Effects of Economic Hardships on Recreational Fishing Trips." Southern Economic Association Annual Meeting. Association of Environmental and Resource Economics Session. Fort Lauderdale, Florida.
- 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." School of Business & Economics Brown Bag, Michigan Tech University  
 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.

**TEACHING EXPERIENCE**

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2018- Present College of Business, Michigan Tech University

Course	Students per Section	Sections by Mode	Average Student Evaluation Score
Principles of Economics	50-75	6 Face to Face Sections 3 Online Sections	4.23/5.00
Microeconomic Theory	30-40	2 Face to Face Sections 1 Remote Section	4.59/5.00
Managerial Economics (Graduate)	30-45	2 Face to Face Sections 1 Remote Section 2 Hybrid Sections 2 Online	4.43/5.00
Natural Resource Economics	7-10	3 Face to Face Sections	4.57/5.00
Natural Resource Economics (Graduate)	3	3 Face to Face Sections	4.57/5.00

- 2016 Department of Agricultural & Resource Economics, Colorado State University  
 – Introductory Microeconomics, 165+ Students/section, 2 Face to Face Sections

**AWARDS & HONORS**

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- 2023 *Research Award*, Awarded by the College of Business, Michigan Tech University  
 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**

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- 2024 Invited participant, Climate-Governance Variability in the Great Lakes, Workshop and Research Coordination Network Annual Meeting. Oregon, Ohio.  
 2023 Invited participant, Climate-Governance Variability in the Great Lakes, Workshop and Research Coordination Network Annual Meeting. Duluth, Minnesota.  
 2022 Invited participant, CIGLR Baseline Summit. Workshop. Ann Arbor, Michigan.  
 2021 Invited participant, Climate-Governance Variability in the Great Lakes, Workshop and Research Coordination Network. Ongoing.  
 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

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### 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

#### *Discussant*

- Paper, Association of Environmental and Resource Economists Session, Midwest Economic Association Annual Meeting, Chicago, Illinois - 2024

#### *Referee*

##### Journals

- *Journal of Great Lakes Research*, 2018-2019, 2024
- *Marine Resource Economics*, 2023-2024
- *Environmental and Resource Economics*, 2022-2024
- *Aquaculture*, 2021
- *Frontiers in Ecology and Evolution*, 2021
- *Global Ecology and Biogeography*, 2021
- *Marine Science*, 2021
- *Environmental Development*, 2019
- *Society & Natural Resources*, 2014

##### Associations/Foundation

- Associate of Environmental & Resource Economists, Abstracts for annual conference, 2023
- Associate of Environmental & Resource Economists, Abstracts for SEA, 2022
- National Science Foundation Proposal, 2022
- Agricultural and Applied Economics Association, 2020

### UNIVERSITY

#### *Committee Work*

- Member, *Essential Education – Minors Working Group*, Spring 2024 – Present
- Member, *Graduate Programs Committee*, Spring 2024 - Present

#### *Student Activities*

- Advisor, Ingrid Sokup Undergraduate Research Internship Program, 2023-2024
- Panel Speaker, McNair Research Symposium: “Graduate School Panel,” Michigan Tech University, 2023
- Co-Advisor, McNair Scholar: Jaylyne Lindemann, April 2023 – August 2023
- Poster Judge, Undergraduate Research Symposium, Michigan Tech University, 2019, 2021
- Poster Judge, World Water Day, Michigan Tech University, 2020
- Volunteer, Student Clothing Drive, Michigan Tech University, 2018-2019

#### *Research*

- Panel Speaker, Research Day, Session: “Unlikely Collaborators: Remarkable Stories from the Research Kingdom,” Michigan Tech University, 2023

- Panel Speaker, Research Day, Session: “Finding and Submitting Proposals in Humanities, Arts and Business,” Michigan Tech University, 2021

## **COLLEGE**

*Graduate Program Director (Interim), Applied Natural Resource Economics, Spring 2024 – Present*

### *Committee Work*

- Chair, BS/MS Economics Committee, College of Business, Michigan Tech University, 2023-Present
- Member, Economics Search Committee, College of Business, Michigan Tech University, 2023-2024.
- Member, BS/MS Economics Committee, College of Business, Michigan Tech University, 2021-2023
- Member, Economics Search Committee, College of Business, Michigan Tech University, 2022-2023.
- 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*

- Resume Review, KSI, 2023
- Leading Scholar Host, 2023
- Induction Ceremony Reader, Beta Gamma Sigma, 2023
- Faculty Advisor to Collegiate DECA Student Organization, 2021 - Present
- Poster Judge, BUS 1100 Design Expo, Michigan Tech University, 2019

### *Research Community*

- Host & Organizer, Visiting Professor – Katherine D. Lee (University of Idaho), 2019

## **COMMUNITY**

### *Committee Work*

- Member, Little Huskies Parent Advisory Group, 2022