

Anna A. Klis

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Education

- Ph.D. Economics, University of Texas at Austin, May 2015
Dissertation: Essays on Externalities and International Cooperation: A Game Theoretic Approach
- M.S. Economics, University of Texas at Austin, May 2012
- B.S.F.S. International Economics, *Magna Cum Laude*, Georgetown University, May 2010

Employment

Northern Illinois University Department of Economics: Assistant Professor, August 2015–present
Fields: game theory, microeconomics, public economics, environmental economics, international policy

Teaching Experience

- Public Economics (G)
- Microeconomics I (G)
- Mathematical Methods for Economists (G)
- Research Tools for Economists (G)
- Game Theory (U)
- Intermediate Microeconomics (U)
- Macroeconomic Principles (U)
- Microeconomic Principles (U)
- Introduction to Environmental Economics (U)

Honors, Awards, and Fellowships

- NIU Research & Artistry Competition Finalist 2021
- NIU PI Academy External Mentorship Program 2016
- UT Douglas C. Dacy, Ph.D. Endowed Fellowship in Economics 2014
- UT Graduate School Professional Development Award 2014
- UT David Bruton, Jr. Graduate School Fellow 2013
- Fulbright Scholar (*declined in favor of entering Ph.D.*) 2010
- Georgetown University, Honors in International Economics 2010
- Georgetown University, Carroll Fellow 2008–2010

Professional Activities

2022 86th Annual Meeting of the Midwest Economics Association – *Session Chair*, AEA/ASSA – *Presenter*

2021 Annual Meeting of the Southern Economics Association – *Session Co-Chair/Discussant*, 6th World Congress of the Game Theory Society – *Presenter*, Federal Reserve Bank of St. Louis 2021 Women in Economics Symposium – *Invited Panelist*, 85th Annual Meeting of the Midwest Economics Association – *Presenter/Session Chair*, *AERE Social Organizer*, AEA Expanding Diversity in Undergraduate Classes with Advancements in the Teaching of Economics (EDUCATE) Workshop – *Participant*, AEA/ASSA – *Attendee*

- 2020** Western Illinois University Department of Economics Graduate Seminar Series – *Invited Speaker*, YouTube: “NIU Professors Discuss the Effects of COVID-19 on the National Economy” – *Panelist*, 84th Annual Meeting of the Midwest Economics Association – *Presenter/Session Chair* (Canceled), Environmental Protection and Sustainability Forum 2020 – *Presenter* (Postponed), 6th World Congress of the Game Theory Society – *Presenter* (Postponed), 2020 AERE Annual Summer Conference – *Attendee*
- 2019** NIU Math Department Colloquium – *Invited Speaker*, 83rd Annual Meeting of the Midwest Economics Association – *Presenter*, Carroll Round – *Alumni Judge*
- 2018** 19th International Conference of the Association for Public Economic Theory – *Presenter*, Carroll Round – *Alumni Judge*, 82nd Annual Meeting of the Midwest Economics Association – *Presenter*, Loyola University Chicago Institute of Environmental Sustainability – *Invited Speaker*, University of Wisconsin at Milwaukee Department of Economics Graduate Seminar Series – *Invited Speaker*
- 2017** 16th Occasional Workshop on Environmental and Resource Economics – *Attendee*, 47th Annual Meeting of the Illinois Economics Association – *Presenter/Faculty Judge*, 18th International Conference of the Association for Public Economic Theory – *Presenter*, Western Economic Association International 92nd Annual Conference – *Presenter*, NIU ECONference – *Keynote/Organizer*, Carroll Round – *Session Chair/Alumni Judge*, Carroll Round Proceedings vol. 12 – *Associate Editor*, 81st Annual Meeting of the Midwest Economics Association – *Presenter*, AEA/ASSA – *Presenter*
- 2016** Alliance for the Arts in Research Universities’ 4th Annual National Conference artsRx – *Attendee*, 46th Annual Meeting of the Illinois Economics Association – *Presenter/Faculty Judge*, 5th World Congress of the Game Theory Society – *Presenter*, 28th European Conference on Operational Research – *Presenter*, Carroll Round – *Session Chair/Alumni Judge*, CSWEP CeMENT Mentoring Workshop for Junior Female Faculty – *Participant*, AEA/ASSA – *Attendee*
- 2015** 45th Annual Meeting of the Illinois Economics Association – *Presenter/Faculty Judge*, YouTube: NIU “Speak Your Mind: What are among the most pressing environmental issues of our times?” – *Interviewee*, Texas Econometrics Camp – *Attendee*, AEA/ASSA – *Attendee*
- 2014** Texas Economic Theory Camp – *Presenter*, 25th International Conference on Game Theory – *Presenter*, Carroll Round – *Alumni Judge*, Texas Econometrics Camp – *Attendee*
- 2013** Texas Economic Theory Camp – *Attendee*, Economics Teaching Conference – *Attendee*, Institute of Studies on Economics and Occupation Summer School – *Attendee*, Carroll Round – *Alumni Observer*, Texas Econometrics Camp – *Attendee*
- 2012** Texas Economic Theory Camp – *Attendee*, Carroll Round – *Alumni Observer*
- 2010** Carroll Round Conference for Undergraduate Research in International Economics – *Presenter*

Refereeing & Grant Review

Referee for the following journals:

- Environmental and Resource Economics
- Resource & Energy Economics
- International Environmental Agreements: Politics, Law, and Economics
- Agricultural & Resource Economics Review
- ICES Journal of Marine Science

Reviewed grant proposals for:

- Narodowe Centrum Nauki (National Science Center, Poland)

Affiliations and Professional Memberships

- NIU Institute for the Study of the Environment, Energy, and Sustainability, *Associate*
- Northern Illinois Center for Community Sustainability, *Developing Associate*
- NIU School of Public and Global Affairs, *Associate*
- Association of Environmental and Resources Economists, *Member*
- International Game Theory Society, *Member*
- American Economic Association, *Member*
- Midwest Economics Association, *Member*

Academic Service and Activities

- NIU Economics Microeconomics Committee 2015–present
- NIU Economics Super-Executive Committee 2019–present
- NIU Fencing Club Adviser 2018–present
- NIU Economics Executive Committee Alternate 2018–2019
- NIU Economics Graduate Colloquium Coordinator 2016–2018
- NIU Junior Faculty Lunch Coordinator 2016–2017
- NIU Economics Departmental Library Representative 2015–2017
- Georgetown University Class Ambassador 2015–2020
- UT Economics Graduate Students Assembled (EGAD) 2010–2015
- UT Graduate Student Writing Group 2014–2015
- UT Graduate Student Assembly (GSA) 2012–2014
 - Vice-Chair of the Finance Committee, 2012–2013
- Georgetown University Alumni Club of Austin Vice President 2013–2015
- Georgetown University Alumni Interviewer 2010–2019
- Georgetown University Carroll Round Steering Committee 2008–2010
 - Editor-in-Chief of the Carroll Round Proceedings, Volumes 4 & 5

Direction of Theses and Dissertations

PhD Supervisor or Co-Supervisor:

- Godwin Kwabla Ekpe, “Pumping Fees and Spillovers in the Groundwater Commons: An Evaluation of a Conservation Tool and Irrigator Competitive Behavior.” Spring 2021.

Master’s Thesis Supervisor:

- Wiktor Staszak, “Impact of Aquaculture on Salmon Fishing.” Spring 2021.

PhD Committee Member:

- Kristin Vrona, “Moderate to Severe Diagnosed Mental Disorders and Absenteeism.” Expected spring 2022 (in progress).
- Leili Solatyavari, “Factors Affecting Superfund Hazardous Waste Site Cleanups.” Spring 2019.
- Chigozie (Andy) Ngwaba, “Three Essays on Public Economics in Developing Countries.” Spring 2018.

Research

Grants

Klis, A. (Principal). “Commitment Structures in Environmental Treaties: Does Size Lead to Success?,” Sponsored by NIU Division of Research and Innovation Partnerships, 2021 Research and Artistry Competition, \$9,954.00. (March 30, 2021).

Lenczewski, M. (Principal), Mooney C. (Co-Principal). “Collaborative Research: Broadening the Fusion of STEM and Business Curricula in Undergraduate Sustainability Education,” Sponsored by NSF Improving Undergraduate STEM Education, \$593,406. (December 11, 2018).

- Collaboration with Bentley University, Wittenberg College
- *Cohort 1*: Klis, A. (Supporting Personnel) with additional others: team development of module for Business and Science Integrated Curriculum for Sustainability (BASICS) – summer 2020, implementation of module in an undergraduate class – spring 2021

Publications

- “Global Climate Fund: Using a Harmonized Carbon Tax to Finance Treaty Transfers” with Matthew McGinty. (2022). *The B.E. Journal of Economic Analysis & Policy*, online first, <https://doi.org/10.1515/bejeap-2021-0072>.
- “Estimating dynamic adjustment in commercial fisheries” with Richard T. Melstrom. (2021). *Land Economics*, 97(3): 562-576.
- “Strategic behavior and dynamic externalities in commercial fisheries” with Richard T. Melstrom. (2020). *Ecological Economics*, 169: 106503 (March).
- “Identity and Equal Treatment in Negative Externality Agreements.” (2019). *International Environmental Agreements: Law, Politics, and Economics*, 19(6): 615-630.
- “On the Openness of Unique Nash Equilibrium.” (2019). *The B.E. Journal of Theoretical Economics*, 19(1): 1-9.
- “Early Participants of Multilateral Environmental Agreements and Their Effect on Later Membership.” (2011). *Carroll Round Proceedings*, 6: 238-251.

Working Papers

- “Game Theory and Environmental Agreements: Getting Started with Coalition Models”. *EBSCO Pathways to Research* (commission & under review).
- “Superfund Cleanup Time and Community Participation” with Leili Solatyavari. *Environment and Planning C: Politics and Space* (revise & resubmit).
- “When is Bad ‘Bad Enough’? A Framework for Analyzing Benefits of Coordination under Environmental Externalities.”
- “Biodiversity and Systems Externalities: A Trophic Level Approach to Conservation, Degradation, and Coordination” with Matthew McGinty.
- “Fish, Dynamic Externalities, and Information” with Maxwell B. Stinchcombe.
- “Hotelling Model for Wastewater Injection Management” with Megan Brown.

Research in Progress

- “Alternative Dispute Resolution (ADR) and Superfund Cleanup Time ” with Leili Solatyavari.
- “Water Table Management and Greener Crop Growth” with Melissa Lenczewski.