

John C. Strandholm

Johnson College of Business and Economics
University of South Carolina Upstate
160 East Saint John St.
Spartanburg, SC 29306

Phone: (864) 503-5582
Email: jstrandh@uscupstate.edu
Webpage: jstrandholm.wordpress.com
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Education

Ph.D. Economics, Washington State University, 2017.

M.S. Economics, University of Wyoming, 2013.

B.A. Mathematics, University of Wyoming, 2011.

Academic Positions

2025 - Present – William S. Moore Palmetto Professor; Economics, Finance, and Accounting Department, Johnson College of Business and Economics, University of South Carolina Upstate

2023 - Present – Associate Professor; EFA Department, JCBE, USC Upstate

2017 - 2023 – Assistant Professor; EFA Department, JCBE, USC Upstate

Research Interests

Primary: Environmental Economics, Industrial Organization, Game Theory

Secondary: Applied Microeconomic Theory, Behavioral Economics, Micro Topics

Publications

1. **Strandholm, John C.**, and E. Dunaway, (2025) "Environmental R&D Tournaments," *Journal of Public Economic Theory* 27(3). doi.org/10.1111/jpet.70029
2. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2025) "Greener or Cheaper Goods: Economies of Scope in R&D Investments," *Journal of Environmental Economics and Management* 130. doi.org/10.1016/j.jeem.2024.103107
3. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2024) "Asymmetric regulators in polluting mixed oligopolies: Agency problems and second-mover advantage," *Journal of Public Economic Theory* 26(1). doi.org/10.1111/jpet.12659
4. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2023) "Being Green First: Simultaneous vs. Sequential Abatement Decisions," *Economics Letters* 227. doi.org/10.1016/j.econlet.2023.111123

Corrigendum to “Being green first: Simultaneous vs. sequential abatement decisions” [Economics Letters 227 (2023) 111123], *Economics Letters*, 2023.
doi.org/10.1016/j.econlet.2023.111382

5. Berry, Kevin, A.R. Delmond, R. Morin-Chasse, **J.C. Strandholm**, and J. Shogren, (2022) “A Bargaining Experiment Under Weak Property Rights with Implications for Indigenous Title Claims,” *Ecological Economics* 198. doi.org/10.1016/j.ecolecon.2022.107457
6. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2022) “Green Alliances: Are They Beneficial when Regulated Firms are Asymmetric,” *Journal of Industry, Competition and Trade* 22, pp. 145-178. doi.org/10.1007/s10842-022-00384-w
7. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2021) “Pollution Abatement and Disruptive R&D Investment,” *Resource and Energy Economics* 66. doi.org/10.1016/j.reseneeco.2021.101258
8. **Strandholm, John C.**, (2020) “Promotion of Green Technology Under Different Environmental Policies,” *Games* 11(3). doi.org/10.3390/g11030032
9. **Strandholm, John C.** and A. Espínola-Arredondo, (2020) “Investment in Green Technology and Entry Deterrence,” *The B.E. Journal of Economic Analysis and Policy* 20(2), pp. 1-18. doi.org/10.1515/bejeap-2018-0355
10. **Strandholm, John C.**, A. Espínola-Arredondo, and F. Muñoz-García, (2018) “Regulation, Free-Riding Incentives, and Investment in R&D with Spillovers,” *Resource and Energy Economics* 53, pp. 133-146. doi.org/10.1016/j.reseneeco.2018.04.002

Books

Dunaway, E., **J.C. Strandholm**, A. Espínola-Arredondo, and F. Muñoz-García, “Practice Exercises for Intermediate Economic Theory: Tools and Step-by-Step Examples” The MIT Press, October 2020.

Working Papers

Strandholm, John C., and E. Dunaway, “20 years since Dixit’s ‘Restoring Fun to Game Theory,’” (2024).

Dunaway, E. and John C. Strandholm, “Robinson Crusoe Meets Henry Ford: A Behavioral Analysis of the Efficiency Wage,” (2022).

Phillips, Owen R., B.R. Cook, J.C. Strandholm, T. Bastian, D.J. Menkhaus, and S. Gao, “Tax and Subsidy Incidence in Negotiations,” (2016, master’s thesis).

Works in Progress

“A Taste for Home: Beer Import Preferences and Immigration” with Anthony Delmond

Courses Taught

University of South Carolina Upstate

ECON U222 – Principles of Microeconomics (face-to-face, hybrid, and online*)

ECON U326 – Managerial Economics (face-to-face and online*)

ECON U455 – Topics in Economics: Game Theory (cross listed as MGMT U455 and LSCM U455)

*Online Teaching Certified through USC Upstate Online Course Consultation Program (Spring 2018)

Washington State University (experience as a graduate student)

EconS 425 – Industrial Organization

EconS 572 – Master's Microeconomic Analysis II

EconS 311 – Econometrics

Presentations

"Greener or Cheaper Goods: Economies of Scope in R&D Investments" presented at:

Association of Environmental and Resource Economists (AERE) special session at Southern Economic Association (SEA) annual conference, New Orleans, LA. November, 2023.

European Association of Environmental and Resource Economists 2024 Annual Conference (presented by co-author)

Annual Meeting of the Missouri Valley Economic Association, Kansas City, MO. October 2024.

"Green Alliances: Are They Beneficial when Regulated Firms are Asymmetric" presented at:

18th Annual SC Upstate Research Symposium, Spartanburg, SC. April, 2022.

"Environmental R&D Tournaments" presented at:

18th Annual SC Upstate Research Symposium, Spartanburg, SC. April, 2022.

AERE special session at SEA annual conference, Houston, TX. November, 2021.

Western Economic Association International (WEAI) annual conference, virtual. June, 2021.

"Pollution Abatement and Disruptive R&D Investment" presented at:

AERE special session at SEA annual conference, Fort Lauderdale, FL. November, 2019.

"Investment in Green Technology and Entry Deterrence" presented at:

AERE special session at WEAI conference, Portland, OR. June, 2016.

Washington State University School of Economic Sciences Seminar Series. December, 2016.

The 12th Conference of the Spanish Association for Energy Economics, Salamanca, Spain. February, 2017 (presented by co-author).

University of Barcelona Department of Economics Seminar. April, 2017 (presented by co-author).

The First Catalan Economic Society Conference, Barcelona, Spain. May, 2017 (presented by co-author).

Brown Bag Seminar Series at USC Upstate College of Business and Economics. October, 2017.

"Regulation, Free-Riding Incentives, and Investment in R&D with Spillovers" presented at:

2017 Agricultural and Applied Economic Association (AAEA) Annual Meeting in Chicago, IL. July, 2017 (presented by co-author)

World Congress of Environmental and Resource Economists (WCERE) 2018 in Gothenburg, Sweden. June, 2018.

Professional Service

Journal Reviewer for:

American Journal of Agricultural Economics, Australian Economic Papers, The B.E. Journal of Economic Analysis and Policy, Economic Modelling, Economics Bulletin, Energy Economics, Environmental and Resource Economics, Journal Industry, Competition, and Trade, Journal of International Development, PLoS One

Book Reviews:

Advanced Microeconomic Theory: An Intuitive Approach with Examples, Félix Muñoz-García, The MIT Press, August 2017.

Game Theory, in the WSCP reference of natural resources and environmental policy in the era of global change, World Scientific Publishing Company (WSPC)/Imperial College Press (IPC). Editors: Ana Espínola-Arredondo, and Félix Muñoz-García. October 2016.

Conference Reviewer for:

AERE sponsored sessions at the Southern Economic Association annual meeting (2020, 2021, 2023)

Canadian Agricultural Economics Society (CAES) annual meeting (2020)

Institutional Service:

University of South Carolina Upstate:

Poster Judge for SC Upstate Research Symposium (2024)
Faculty Excellence Committee (2019-2022, 2022-current)
JCBE Scholarship Committee (2022-current)
JCBE Assessment Committee (2022-current)
Organize and maintain "Faculty Accomplishments" board (2021-current)
Tenure-track Economics/Analytics search committee (2023-24)
Unit Criteria Task Force (2023-24)
Tenure-track Accounting search committee (2022-23)
JCBE Dean Search Committee (2022-23)
Economics, Finance, and Accounting Department Chair Search Committee Chair (2022)
General Education Assessment Scorer (2021-22)
Curriculum Review Committee for Strategy/Capstone course (2021-22)
Curriculum Review Committee for Economics/Finance major (2021-22)
Faculty Welfare Committee (2019-22)
Coordinator for Principles of Microeconomics (ECON 222) sections (2018-21)
Economics, Finance, and Accounting Department Chair Search Committee Chair (2020)
Economics/Finance separate majors committee chair (2019-20): developed curriculum for separating the Economics and Finance majors
Tenure-track Analytics search committee (2018-19)
Tenure-track Analytics/Statistics search committee (2018-19)
AACSB Academic Qualifications ad hoc Committee (2018-19)
Tenure-track Finance search committee (2017-18)

Washington State University:

Student Experience Advisory Council (SEAC) at Washington State University, College of Agricultural, Human, and Natural Resource Sciences (CAHNRS).

Grants and Awards

Internal USC Upstate Grants:

Course Reallocation Program (Spring 2021, \$2,500)
Scholarly Start-Up Package (2020, \$5,000)
Teaching and Productive Scholarship (TAPS) Grants

Years: 2017-18: \$2,750, 2019-20: \$2,250, 2020-21: \$650, 2021-22: \$1,750, 2023-24: \$1,750, 2024-25: \$1,750

USC Upstate Awards:

Institutional Leadership and Service Recognition Award (2020-21)

Nominated for Excellence in Teaching and Advising Award (2019-20)

Other Activities

Sept 2022 - 2025: Member of the Instructional Materials Review Committee for Greenville (SC) Schools

Sept 2020 - Jan 2022: ENGAGE Wyoming Board of Directors (ENGAGE: Empowering the Next Generations to Advance and Grow the Economy) (a 501(c)3 organization)

Worked with the Wyoming Business Council on priorities for American Recovery Plan (~\$1 billion) investments

May 2018 - Sept 2020: Deputy Chief of Data Analysis for ENDOW: ENGAGE.
Info: engagewyoming.org

Panel facilitator for the 2018 Economic Forecast Breakfast held by the Spartanburg Area Chamber of Commerce and hosted by USC Upstate

Professional Membership

Association of Environmental and Resource Economists (AERE), American Economic Association (AEA), Southern Economic Association (SEA), Western Economic Association International (WEAI)

Computer Languages

Mathematica, MATLAB, STATA, R, $\text{\LaTeX}$