

SOREN T. ANDERSON
Curriculum Vitae

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CONTACT INFORMATION

Department of Economics
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FIELDS OF INTEREST

Energy and Environmental Economics, Public Economics

EDUCATION

Ph.D., Economics, University of Michigan, 2008
M.A., Economics, University of Michigan, 2005
B.A., Economics and Mathematics (minor), Macalester College 2001

CURRENT APPOINTMENTS

Associate Professor, Department of Economics and Department of Agricultural, Food, and Resource Economics, Michigan State University, 2015-present
Research Associate, National Bureau of Economic Research, 2015-present

PREVIOUS APPOINTMENTS

Assistant Professor, Department of Economics and Department of Agricultural, Food, and Resource Economics, Michigan State University, 2008-2015
Faculty Research Fellow, National Bureau of Economic Research, 2010-2015
Member of Board of Directors, Association of Environmental and Resource Economists, 2019-2021
Member of Editorial Council, *Journal of Environmental Economics and Management*, 2015-2023
Visiting Researcher, University of California Energy Institute, January 2011-June 2011
Staff Economist, Council of Economic Advisers, Washington, DC, 2005-2006
Research Assistant, Resources for the Future, Washington, DC, 2001-2003

REFEREED ARTICLES

Distributional Consequences of Policies for Electric Heat Conversion (with Justin Kirkpatrick), April 2024, forthcoming at the *Journal of the Association of Environmental and Resource Economists*
Can Pigou at the Polls Stop Us Melting the Poles? (with Ioana Marinescu and Boris Shor), *Journal of the Association of Environmental and Resource Economists* 10 (4), July 2023 (earlier version: NBER Working Paper 26146)

- Hotelling Under Pressure (with Ryan Kellogg and Stephen Salant), *Journal of Political Economy* 126 (3): 984-1026, June 2018
- Hedonic Prices and Equilibrium Sorting in Housing Markets: A Classroom Simulation (with Michael Bates), *National Tax Journal* 70 (1): 171-184, March 2017
- Designing Policies to Make Cars Greener (with James Sallee), *Annual Review of Resource Economics* 8: 157-180, October 2016
- The Intergenerational Transmission of Automobile Brand Preferences: Empirical Evidence and Implications for Firm Strategy (with Ryan Kellogg, Ashley Langer, and James Sallee), *Journal of Industrial Economics* 64 (4): 763-793, December 2015
- A Ban on One is a Boon for the Other: Strict Gasoline Content Rules and Implicit Ethanol Blending Mandates (with Andrew Elzinga), *Journal of Environmental Economics and Management* 67 (3): 258-273, May 2014
- What Do Consumers Believe About Future Gasoline Prices? (with Ryan Kellogg and James Sallee), *Journal of Environmental Economics and Management* 66 (3): 383-403, November 2013
- Diversify or Focus? Spending to Combat Infectious Diseases When Budgets Are Tight, (with Ramanan Laxminarayan and Stephen Salant), *Journal of Health Economics* 31 (4): 658-675, July 2012
- The Demand for Ethanol as a Gasoline Substitute, *Journal of Environmental Economics and Management*, *Journal of Environmental Economics and Management* 63 (2): 151-168, March 2012
- Using Loopholes to Reveal the Marginal Cost of Regulation: The Case of Fuel-Economy Standards, (with James Sallee), *American Economic Review* 101 (4): 1375-1409, June 2011
- Forecasting Gasoline Prices Using Consumer Surveys (with Ryan Kellogg, James Sallee, and Richard Curtin), *American Economic Review Papers & Proceedings* 101 (3): 110-114, May 2011
- Automobile Fuel Economy Standards: Impacts, Efficiency, and Alternatives (with Ian Parry, James Sallee, and Carolyn Fischer), *Review of Environmental Economics and Policy* 5 (1): 89-108, May 2011
- Open Space, Residential Property Values, and Spatial Context (with Sarah West), *Regional Science and Urban Economics* 36 (6): 773-789, November 2006 (reprinted in Cheshire and Hilber, eds., *The Economics of Land Markets and their Regulation*, The International Library of Critical Writings in Economics (331), Cheltenham, UK: Edward Elgar Publishing, 2017)
- Private Markets, Contracts, and Government Provision: What Explains the Organization of Local Waste and Recycling Markets? (with Margaret Walls and Molly Macauley), *Urban Affairs Review* 40 (5): 590-613, May 2005 [Walls is lead co-author; Anderson is third co-author]
- Prospects for Carbon Capture and Storage Technologies (with Richard Newell), *Annual Review of Environment and Resources* 29: 109-142, November 2004

Information Programs for Technology Adoption: The Case of Energy-Efficiency Audits (with Richard Newell), *Resource and Energy Economics* 26 (1): 27-50, March 2004

Simplified Marginal Effects in Discrete Choice Models (with Richard Newell), *Economics Letters* 81 (3): 321-326, December 2003

WORKING PAPERS

Attribute Production and Biased Technical Change in Automobiles (with Asa Watten and Gloria Helfand), December 2023

WORK IN PROGRESS

Bribing Voters to Support a State Carbon Tax (with Ioana Marinescu and Boris Shor)

Re-Lighting Detroit's Streets: Impacts on Crime and Traffic Accidents (with Prabhat Barnwal, Elise Breshears, Dylan Brewer, Alex Tybl, and Anna Wood)

NON-REFEREED ARTICLES

It's Ideology, Stupid. Why Voters Still Shun Carbon Taxes (with Ioana Marinescu and Boris Shor), Policy Digest, Kleinman Center for Energy Policy, University of Pennsylvania, July 2019 (reprinted as Why American Voters Are Still Not Ready to Support Carbon Taxes, Pro-Market (blog), Stigler Center at the University of Chicago Booth School of Business, August 2019)

Restoring Great Lakes Ecosystems: Worth the Cost? (with Jennifer Read and Donald Scavia), RFF Weekly Policy Commentary, March 2009

Healthy Waters, Strong Economy: The Benefits of Restoring the Great Lakes Ecosystem (with John C. Austin, Paul N. Courant, and Robert E. Litan), The Brookings Institution, September 2007, (Summary of detailed report titled, America's North Coast: A Benefit-Cost Analysis of a Program to Protect and Restore the Great Lakes) [Austin is lead co-author; Anderson, Courant, and Litan are equal second authors]

PRESENTATIONS

2023: University of Alaska Anchorage; University of California Davis; NBER Economics of Energy Use in Transportation Conference; University of Michigan Decentralization Conference; NBER Distributional Consequences of New Energy Policies Conference; University of Michigan and Michigan State University (Summer Energy and Environmental Economics Workshop); Michigan State University (Empirical Micro Lunch); University of Maryland AREC

2022: AERE Summer Conference; University of Michigan and Michigan State University (Summer Energy and Environmental Economics Workshop)

2021: MSU IPU (discussant), Carnegie Mellon University & University of Pittsburgh

2020: NBER EEE Program Meeting (discussant), Midwest Energy Fest (University, University of Chicago, and University of Illinois), GoSee (discussant)

2019: AERE Summer Conference, University of Michigan and Michigan State University (Summer Energy and Environmental Economics Workshop), Stanford University

2018: AEA Meetings (discussant); AEA Meetings; Michigan State University; Midwest Political Science Association; Midwest Political Science Association (discussant);

- University of California Berkeley (Energy Camp); NBER Summer Institute EEE Workshop; AAEA Meetings (moderator); Macalester College
- 2017: University of California Davis; KAPSARC (Fuel Efficient Mobility Workshop); University of Chicago (Harris); University of California Berkeley (Energy Camp); University of Michigan, Michigan State University, and Western Michigan University (Summer Energy and Environmental Economics Workshop); Purdue University (Agricultural Economics); Heartland Environmental and Resource Economics Workshop at Illinois; Oberlin College
- 2016: University of Michigan (Ross); Arizona State University; University of Michigan (TE3 Conference); University of Michigan, Michigan State University, and Western Michigan University (Summer Energy and Environmental Economics Workshop); University of California Berkeley (Energy Camp); AERE Summer Conference; University of Illinois; Iowa State University
- 2015: Inter-American Development Bank; Norwegian School of Economics; University of Wisconsin Madison (Agricultural and Applied Economics); Western Michigan University
- 2014: NBER EEE and IO Program Meeting; Michigan State University (Economic Theory Seminar)
- 2013: AEA Meetings (discussant); Ford Motor Company; University of Michigan and Michigan State University (Summer Energy and Environmental Economics Workshop); UC Santa Barbara (Occasional California Workshop in Environmental and Resource Economics); University of Toronto (Rotman School of Business and Economics); Michigan State University (Ag, Food, and Resource Economics); Michigan State University (Broad School of Business)
- 2012: Michigan State University; Western Michigan University; Washington University (Olin Business School); University of Minnesota (Applied Economics)
- 2011: AEA Meetings (discussant); University of California Berkeley (Bioeconomy Conference); University of California Davis; NBER EEE Program Meeting (discussant); California Air Resources Board; Rice University and University of Houston; Heartland Environmental and Resource Economics Workshop; University of Illinois (Center for Business and Public Policy); Columbia University (SIPA)
- 2010: University of Montreal, McGill University, and Concordia University (CIREQ); University of Minnesota; Brown University; Iowa State University (Bioenergy Camp); University of California Energy Institute (Energy Camp); World Congress of Environmental Resource Economists (discussant and presenter); University of Michigan, Michigan State University, and Wayne State University (Summer Energy and Environmental Econ Workshop); NTA Meetings; Michigan State University
- 2009: Harvard University (KSG); University of Montreal, McGill University, and Concordia University (CIREQ); MIT; NBER EEE Program Meeting; AERE Summer Workshop; NTA Meetings (discussant)
- 2008: Duke University, NC State University, and RTI International (TREE Seminar); International IO Conference (presenter and discussant); Michigan State University; University of California-Berkeley (UCEI)

GRANTS

Sustaining Faculty Gender Balance in Applied Economics (with Scott Swinton and Steve Hanson), Creating Inclusive Excellence Grant awarded by MSU Office for Inclusion and Intercultural Initiatives, Total budget: \$13,000 (used to commission an external review of gender balance in the department by AAEA president Julie Caswell), 2012-2013

Visiting Researcher, University of California Energy Institute, Total external salary and benefits: \$84,948, January-June 2011

The Land-Use Impacts of U.S. Biofuels Policies (Principal investigators: Soren Anderson and Jinhua Zhao), MSU Rackham Research Endowment Grant, Total budget: \$87,000, September 2010-August 2013

Market Impacts and Distributional Consequences of Pollution Control Mechanisms in the Context of Multiple Interacting Policies and Market Failures (Principal investigators: Carolyn Fischer and Richard Newell), U.S. Environmental Protection Agency, National Center for Environmental Economics, Total budget: \$280,782 (MSU share: \$38,500), September 2009-August 2012

Policy Research Grant, Center for Local, State, and Urban Policy (CLOSUP), Gerald R. Ford School of Public Policy, University of Michigan, 2007

Graduate Student Research Grant, Rackham Graduate School, University of Michigan, 2006

AWARDS, HONORS, AND FELLOWSHIPS

Environmental Protection Agency STAR Graduate Fellowship, 2004-2008

Participant and Scholarship Recipient, European Summer School in Resource and Environmental Economics, 2005

Honorable Mention, NSF Graduate Research Fellowship, 2003 and 2004

Regents Fellowship, University of Michigan, 2003

TEACHING EXPERIENCE

Graduate: Advanced Environmental Economics (Michigan State University: 2020, 2021, 2022, 2023), Economics of Environmental Resources (Michigan State University: 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020), Introduction to Econometrics (Michigan State University: 2010)

Undergraduate: Energy Economics and Policy (Michigan State University: 2010, 2012, 2013, 2014, 2014, 2016, 2016, 2017, 2018, 2022, 2023, 2024); Introduction to Econometrics (Michigan State University: 2009, 2010, 2019, 2020, 2021, 2021), Advanced Data Analysis in Economics: 2022, 2023, 2024)

GRADUATE STUDENT ADVISING & PLACEMENTS [* denotes committee chair]

MSs: James Allen (University of Michigan economics PhD), Piyayut Chitchumnong (MSU AFRE PhD), Binlei Gong (Rice University economics PhD), Austin Hunt (USDA NRCS), Laura James (Public Sector Consultants), Zokhid Ibragimov, Sarah Klammer (NC State), Karen Lewis (University of Tennessee), Jungmin Lim (MSU AFRE PhD), Roland Ofori* (Michigan Tech policy PhD), Megan Sheahan (Precision Agriculture for Development),

Ilona Sipos*, Adam Soliman* (UC Davis ARE & UCSD economics PhD), Jessica Vila-Goulding (Ford Motor Company)

PhD: Nick Armstrong*, April Athnos (University of Arizona), Elise Breshears (U.S. EPA), Dylan Brewer* (Georgia Tech), Miguel Castro (Inter-American Development Bank), Sukampon Chongwilaikasaem* (Prince of Songkla University in Thailand), Andrew Earle* (East Carolina University), Yixuan Gao, Jae Yu Jung*, Christopher Khawand* (Amazon), Jong Duk Kim (Korea Institute for International Economic Policy), Minsu Kim, Tim Komarek (Valdosta State University), Subbu Kumarappan (Ohio State University-Wooster), Shan Ma (Natural Capital Project), Iris Margetis*, Max Melstrom (Salisbury University), Guilherme Signorini (Markestrat), Sarah Stuber (Texas A&M), Anna Terkelsen* (Amazon), Samuel Tucker*, Alex Tybl*, Chenguang Wang* (Federal Home Loan Mortgage Corporation), Asa Watten* (U.S. EPA & Yale University postdoc), Fang Xia (Central University of Finance and Economics in Beijing), Yuxian Xiao* (Washington DSHS)

REFEREE SERVICE

Alfred P. Sloan Foundation, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, American Economic Review: Insights, American Journal of Agricultural Economics, Annual Review of Resource Economics, B.E. Journal of Economic Analysis and Policy, Bulletin of Economic Research, Canadian Journal of Economics, Eastern Economic Journal, Ecological Economics, Economic Development Quarterly, Economic Journal, Economics Letters, Economics of Transportation, Energy Economics, Energy Journal, Energy Policy, Energy Journal, Environmental and Resource Economics, Environment and Planning A, European Economic Review, International Journal of Industrial Organization, International Regional Science Review, International Review of Environmental and Resource Economics, Journal of Applied Econometrics, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Journal of Environmental Economics and Policy, Journal of the European Economics Association, Journal of Health Economics, Journal of Human Resources, Journal of Industrial Economics, Journal of Political Economy, Journal of Productivity Analysis, Journal of Public Economics, Journal of Urban Economics, Land Economics, National Science Foundation, Quarterly Journal of Economics, RAND Journal of Economics, Real Estate Economics, Regional Science and Urban Economics, Resource and Energy Economics, Review of Economic Studies, Review of Economics and Statistics, Transportation Research Board, Utilities Policy, World Bank Economic Review

CONFERENCE SERVICE

Moderator (panel discussion on “State and Regional Climate Regulation”), Agricultural and Applied Economics Association Annual Meetings, Washington, DC (August 2018)

Co-Organizer of Michigan State University & University of Michigan Summer Workshop in Energy and Environmental Economics (9 summers: 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2019, 2022, 2023)

Discussant (10 papers: GoSee 2020, NBER EEE Program Meeting February 2020, Midwest Political Science Association Annual Conference 2018; ASSA Meetings 2018; ASSA Meetings January 2013; NBER EEE Program Meeting April 2011; ASSA Meetings

January 2011; World Congress of Environmental and Resource Economists June-July 2010; NTA Meetings 2009; IIOC Meetings 2008)

Scientific Program Committee (9 committees: AERE sessions at ASSA Meetings January 2019, AERE sessions at AAEA Conference August 2018, World Congress of Environmental and Resource Economists June 2018, AERE sessions at ASSA Meetings January 2018, University of Michigan Energy Institute TE3 Conference October 2017, AERE sessions at AAEA Conference July 2017, AERE Summer Conference June 2017, AERE sessions at ASSA Meetings January 2017, AERE sessions at AAEA Conference July 2016, AERE Summer Conference June 2016, AERE Conference January 2011, World Congress of Environmental and Resource Economists February 2010)

Participant and Presenter, Evaluating the Energy Efficiency Gap (A research workshop conducted by the Duke University Energy Initiative & Harvard Environmental Economics Program), October 2013

SELECTED UNIVERSITY SERVICE

Faculty Advisory Committee, Environmental Science and Policy Program, College of Social Science (2021-2022, 2022-2023, 2023-2024)

Director of Graduate Placement (2017-2018, 2018-2019, 2020-2021, 2021-2022, 2022-2023, 2023-2024)

Promotion and Tenure Committee (2023)

Department Advisory Committee (2011-2012, 2012-2013, 2013-2014)

Committee to Evaluate the Advisory Committee (2009-2010, 2012-2013, 2017-2018, 2018-2019)

Faculty Search Committee (1 search chair in 2023-2024, 3 searches in 2012-2013, 1 search in 2014-2015, 1 search in 2018-2019, 1 search in 2021-2022)

Graduate Policy/Instruction/Admissions Committee (2009-2010, 2011-2012, 2012-2013, 2019-2020)

Department Seminar Coordinator (2009-2010, 2010-2011, 2014-2015)

Doctoral Exam Committee (2008-2009, 2009-2010, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2018-2019, 2020-2021, 2021-2022, 2022-2023)

Computer Committee (2009-2010, 2010-2011, 2015-2016, 2016-2017)

PROFESSIONAL AFFILIATIONS

Association of Environmental and Resource Economists, American Economic Association