Evan Johnson

Abernethy Hall CB #3435, UNC-CH

Chapel Hill, NC 27599

Phone: 919.491.0409 • E-Mail: evanej@live.unc.edu

Education

Ph.D.   **University of North Carolina at Chapel Hill, Public Policy, 2016**

Dissertation Title: *Attitudes, Social Context, And Environmental Behavior: Essays Explaining Voluntary Household Energy Conservation*

Dissertation Committee: Richard N.L. Andrews, Thomas Dietz, Jeremy G. Moulton, John Scott, Andrew J. Yates

M.P.A.   **University of Wisconsin-Madison, Public Affairs, 2010**

Focus: Energy and Environmental Policy

B.A.   **University of Wisconsin-Madison, Political Science and Philosophy, 2007**

Areas of Research

Energy policy, innovation policy, entrepreneurship, environmental behavior, public policy analysis, energy efficiency, voluntary environmental policy, applied econometrics

Publications

Andrews, R.N.L and **Johnson, E**. (2016). "Organizational Energy Behavior: A Review of the Literature." Energy Research and Social Science.

Nemet, G.F. and **Johnson, E**. (2012). "Do important inventions benefit from knowledge originating in other technological domains?" Research Policy.

Johnson, E., Nemet, G. F. (2011). "Willingness to pay for climate policy: a review of estimates." Social Science Research Network - Available online at:

http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1626931

Working Papers

Johnson, E. "Willingness to Pay for Climate Stabilizing Measures: A Meta-Analysis" (In preparation).

Johnson, E. "How do social and attitudinal factors influence household tradeoffs among competing attributes of electricity service?" (In preparation).

Selected Research and Consulting Experience

National Academies of Sciences; 2018-present; *Consultant*

Responsibilities: Cleaned and managed large quantitative datasets involving sensitive firm-level data; wrote Stata programs to scrape public websites for firm data; built econometric models for causal inference related to Federal small business grant programs; developed static maps and interactive mapping platforms for colleagues to assess patterns in firm behavior; collaborated with economists and management scholars to generate original manuscripts and government reports; regularly reported findings and methodology to team of advanced scholars and government analysts during quarterly presentations.

Bill and Melinda Gates Foundation; 2016; *Contract Researcher and Data Analyst*

Responsibilities: Prepared comprehensive literature reviews for analysts and executives; generated quantitative assessments of education policy studies using detailed evaluative criteria; maintained database of relevant experimental and quasi-experimental studies and ranked those studies according to rigor and relevance to Foundation initiatives; delivered weekly reports to Foundation managers synthesizing the state of current literature and trends in both theory and methodology relevant to Foundation research objectives.

United States Environmental Protection Agency-RTP; 2012-2014; *Contract Researcher and Data Analyst*

Responsibilities: Managed team of energy modelers and social science researchers in designing studies to improve understanding of consumer energy efficiency purchasing behavior for policy development; Provided guidance to EPA modelers as to how to disaggregate consumer behavior based on more detailed empirical understanding of hurdle rate variation

University of Wisconsin, La Follette School of Public Affairs; 2009-2011; *Research Assistant Project Assistant, Prof. Gregory Nemet*

Responsibilities: Developed and estimated econometric models in STATA; Submitted papers for peer review at academic research journals.

United States Environmental Protection Agency- Region 10; 2009; *Research Fellow*

Responsibilities: Planned and executed a nation-wide assembly of government researchers; Provided research and analysis for government networks seeking to integrate materials management and product stewardship into climate policy; Designed surveys, conducted interviews and web-based data collection programs.

Wisconsin Department of Natural Resources; 2006-2008; *Cooperative Environmental Assistance Intern*

Responsibilities: Assisted in the implementation of innovative Green Tier legislation; Traveled statewide to propose environmental strategies to program participants.

Martin Schreiber and Associates; 2007; *Public Affairs Consulting Intern*

Responsibilities: Provided policy analysis and legislative monitoring for diverse group of private sector clients

Office of Governor Jim Doyle; 2006; *Legislative Analysis Intern*

Responsibilities: Developed policy analyses for legislative decision making

Teaching Experience

University of North Carolina – School of Government; *Teaching Assistant Professor*
Public Admin.720 – Evaluation and Analysis for Public Administration II, Spring 2018, Lead Instructor
Public Admin. 719 – Evaluation and Analysis for Public Administration I, Fall 2017, Fall 2019, Lead Instructor

University of North Carolina – Dept. of Public Policy; *Teaching Assistant Professor*
Public Policy 698 – Public Policy Capstone, Fall 2019 and Spring 2020, Co-Instructor
Public Policy 581 – Research Design for Public Policy, Five semesters 2017-present, Lead Instructor
Public Policy 371 – Energy Policy, Spring 2018, Lead Instructor
Public Policy 460 – Quantitative Methods for Policy Analysis, Fall 2016, Assistant to Prof. Sudhanshu Handa
Public Policy 101- Intro to Public Policy, Fall 2016, Assistant to Prof. Daniel Gitterman

Responsibilities: developed and delivered original lecture material; led recitation sessions and conducted lab-based tutorials on statistical software programming; graded essay exams; facilitated development of student research projects; evaluated term paper assignments

University of North Carolina – Dept. of Public Policy; *Teaching Assistant*
Public Policy 681 – Research Design for Public Policy, Spring 2015, Prof. Steven Hemelt

Responsibilities: lectured during instructor leave; graded essay exams; facilitated development of student research projects; evaluated term paper assignments

University of North Carolina – Dept. of Public Policy; *Teaching Assistant*
Public Policy 460 – Quantitative Methods for Policy Analysis, Spring 2014, Prof. Douglas Lauen; Fall 2014, Prof. Jeremy Moulton

Responsibilities: developed and delivered original lecture material; led recitation sessions and conducted lab-based tutorials on statistical software programming; graded essay exams; facilitated development of student research projects; evaluated term paper assignments

University of North Carolina – Dept. of Public Policy; *Graduate Research Consultant*
Public Policy 210 (Honors)- Policy Innovation and Analysis, Spring 2014, Prof. Christine P. Durrance

Responsibilities: facilitated development of student research projects

University of North Carolina – Dept. of Public Policy; *Teaching Assistant*
Public Policy 101- Intro to Public Policy, Spring 2012, Prof. Daniel Gitterman

Responsibilities: developed recitation seminar content; led recitation sessions; graded essay exams; facilitated development of student research projects; evaluated term paper assignments

Conference Presentations and Posters

Johnson, E. "Trends in the geographic distribution of SBIR-winning firms using GIS techniques." Conference Presentation. *National Academies of Sciences – Department of Energy SBIR Assessment* Conference. 2018. Chicago, Illinois.

Johnson, E. "Measuring the social psychological antecedents of household energy behaviors and intentions across multiple levels of perceived difficulty." Conference Poster. *Behavior Energy and Climate Change* (BECC) Conference. 2015. Sacramento, California.

Johnson, E. "How do contextual and attitudinal factors influence household tradeoffs among competing attributes of electricity service." Conference Paper. *Camp Resources XXII Environmental Economics Conference.* 2015. Asheville, NC.

Johnson, E. "Are heavy energy users more likely to "buy in" to residential energy-saving programs and services?" Conference Poster. *Behavior Energy and Climate Change* (BECC) Conference. 2014. Washington, D.C.

Johnson, E., Andrews, R.N.L., Yates, A.J., Arunachalam, S. "Quantifying and disaggregating consumer purchasing behavior for energy systems modeling." Invited Poster Presentation. Community Modeling and Analysis Systems (CMAS). 2014. Chapel Hill, NC.

Johnson, E. "Empirical analysis of the social-structural and attitudinal drivers of household conservation priorities." Poster. *Association for Public Policy and Management* (APPAM). 2013. Washington, D.C. Awarded 3rd place in conference poster competition.

Johnson, E. "Is Facebook making us greener?" An empirical analysis of the roles of social connectedness and web use in shaping conservation priorities." Conference Paper. *Behavior Energy and Climate Change* (BECC) Conference. 2013. Sacramento, California.

Policy Analyses, White Papers and Technical Reports

Johnson, E., Andrews, R.N.L., Yates, A.J., Arunachalam, S. (2014). "Calculating hurdle rates for household energy-saving durables using expenditure survey data." A report for U.S. EPA's Office of Research and Development – Energy and Climate Assessment Team (ECAT).

Johnson, E., Andrews, R.N.L., Yates, A.J., Arunachalam, S. (2014). "Attitudinal drivers of energy efficiency investment behavior: a review of the literature." A Report for U.S. EPA's Office of Research and Development – Energy and Climate Assessment Team (ECAT).

Johnson, E. Andrews, R.N.L., Yates, A.J., Arunachalam, S. (2013). "Improving the representation of consumer purchasing behavior in MARKAL." A Report for U.S. EPA's Office of Research and Development – Energy and Climate Assessment Team (ECAT).

Davis, J., Smith, B., **Johnson, E.** and Morrigan, M. (2011). "Reducing greenhouse gas emissions through composting and recycling." A report by the Materials Management Workgroup of the West Coast Climate

and Materials Management Forum. May 2011. EPA 910-R-11-003. Available online at: http://www.epa.gov/region10/pdf/climate/wccmmf/Reducing_GHGs_through_Recycling_and_Composting.pdf

Felts, A., **Johnson, E.,** Lalor, M. Williams, S., Winn-Ritzenberg, N. (2010). Great Lakes aquatic invasive species and their impacts on Milwaukee: A policy framework. Prepared for the City of Milwaukee, Department of Administration, Budget and Management Division.

Grants and Awards

2015	Doctoral Dissertation Completion Fellowship, University of North Carolina at Chapel Hill, *$16,500*
2015	Summer Research Fellowship, University of North Carolina at Chapel Hill, *$4,000*
2014	Future Faculty Fellowship, University of North Carolina at Chapel Hill, *$400*
201	Odum Institute Fellowship, University of North Carolina at Chapel Hill, *$2,500*
2014	Hammer Fund Travel Award, *$500*
2011-2013	Progress Energy Fellowship, University of North Carolina at Chapel Hill, *$7500 (three semesters)*
2013, 2014, 2015	Behavior Energy and Climate Change Conference – Precourt Energy Efficiency Center Student Fellowship, *$395*
2013	Association for Public Policy and Management (APPAM) Poster Award – Third Place
2012-2013	Weiss Urban Livability Fellowship – Senior Fellow, University of North Carolina at Chapel Hill, *Full tuition reimbursement, health benefits, $16000 stipend*
2011-2012	Weiss Urban Livability Fellowship – Fellow, University of North Carolina at Chapel Hill, *$6000*
2009-2010	Phi Alpha Alpha Graduate National Honor Society
2009	Piore Prize in Science and Policy recipient
2008-2009	UW-Madison La Follette School fellow
2007	Phi Beta Kappa Undergraduate Honors Society

Professional Membership and Service

Association for Public Policy and Management (APPAM). Washington, D.C. 2012-Present. *Member, Conference Panel Organizer.*

Graduate and Professional Student Federation. University of North Carolina at Chapel Hill. 2014-2015. *Graduate Student Senator.*

Behavior Energy and Climate Change (BECC) Conference. 2014. *Concurrent Presentation Session Room Manager, Co-coordinator.*

Community Modeling and Analysis Systems (CMAS) Conference. 2014. *Presentation/Room Manager.*

Related Skills

Computer: Python (proficient), R (proficient), Javascript (proficient), STATA (proficient), Microsoft Office Suite (proficient), SAS (proficient), Tableau (proficient.)

Research and analysis: Econometric analysis; qualitative research methods; survey design; sampling; experimental and quasi-experimental research design; policy analysis; energy program evaluation; structural equation modeling.