

JONN AXSEN, Ph.D. (Updated September 8, 2016)

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EDUCATION

Ph.D., Transportation Technology and Policy, University of California, Davis, 2010.

Dissertation: Interpersonal influence within car buyers' social networks: Observing consumer assessment of plug-in hybrid electric vehicles (PHEVs) and the spread of pro-societal values.

Advisor: Dr. Kenneth S. Kurani, Dr. Thomas Turrentine and Prof. Daniel Sperling.

Master of Resource Management, Simon Fraser University, Vancouver, Canada, 2006. Thesis: Combining stated and revealed choice research to inform energy system simulation models: The case of hybrid-electric vehicles. Advisor: Prof. Mark Jaccard and Prof. Dean Mountain.

Bachelor of Business Administration, First class honors, Simon Fraser University, Vancouver, Canada, 2004.

RESEARCH INTERESTS

- Adoption of pro-environmental technology
- Electric mobility and alternative fuel vehicles
- Consumer attitudes, values, lifestyle and social influence
- Citizen acceptance of energy and policy
- Energy system simulation modeling
- Climate policy design and impacts

RESEARCH SKILLS

- Behavioral research methods: consumer surveys and interviews; social network analysis and observation.
- Simulation modeling: energy-economy models, discrete choice models, and integration across models.
- Quantitative analysis: continuous and categorical statistics; linear and logistic regression; factor and cluster analysis.
- Qualitative analysis: narrative and content analysis.
- Policy analysis: quantitative and qualitative tradeoffs.

ACADEMIC POSITIONS

Associate Professor, Simon Fraser University, 2016-present.

Assistant Professor, Simon Fraser University, 2011-2016.

Post-Doctoral Research, UC Davis, 2010-2011.

Doctoral Research, UC Davis, 2007-2010.

Research Associate, Canada Industrial Energy Data Center (CIEEDAC) and MKJA & Associates Consulting, 2004-2010.

Master's Research, Simon Fraser University, 2004-2006.

PEER-REVIEWED PUBLICATIONS

Notes:

- Journal impact factors and journal ranking (for each field) cited from Journal Citation Reports (JCR)
- My primary research field is best categorized as “Environmental Studies”, though my publications also include journals within the JCR categories of “Economics”, “Transportation” and “Environmental Science.” The attached spreadsheet provides further details of journal rankings in each category (“2014 JCR Ranking-Relevant_journals.xlsx”).
- Underlining signifies a student or researcher under my supervision.
- In my discipline, author order proceeds from author with largest contribution to author with least.

Published Journal Articles (24 total, 18 as first author, 6 with graduate students)

1. **Axsen, J., S. Goldberg,** and **J. H. Bailey** (2016). Understanding the differences between current plug-in electric vehicle owners and the potential future “early mainstream” market, *Transportation Research Part D: Transport and Environment*, 47, 357-370.
2. **Melton, N., J. Axsen** and D. Sperling (2016). Moving beyond alternative fuel hype to decarbonize transportation, *Nature Energy*, 3, 1-10.
3. **Bailey J. H.** and, **J. Axsen** (2015). Anticipating consumer acceptance of utility controlled charging for plug-in vehicles, *Transportation Research Part A: Policy and Practice*, 82, 29-46. [2014 JCR = **2.8**, #20/332 in Economics, #5/29 in Transportation]
4. **Axsen, J., J. H. Bailey,** and M. Castro (2015). Preference and lifestyle heterogeneity among potential plug-in electric vehicle buyers, *Energy Economics*, 50, 190-201. [2014 JCR = **2.6**, #26/332 in Economics.]
5. **Bailey, H., A. Miele,** and **J. Axsen** (2015). Is awareness of public charging associated with consumer interest in plug-in electric vehicles? *Transportation Research Part D: Transport and Environment*, 36, 1-9. [2014 JCR = **1.9**, #27/100 in Environmental Studies, #12/29 in Transportation.]
6. **Rhodes, E., J. Axsen** and M. Jaccard (2015). Gauging citizen support for a low carbon fuel standard, *Energy Policy*, 79, 104-114. [2014 JCR = **2.6**, #14/100 in Environmental Studies.]
7. **Axsen, J.** (2014). Citizen acceptance of new fossil fuel infrastructure: Value theory and Canada’s Northern Gateway Pipeline, *Energy Policy*, 75, 255-265. [2014 JCR = **2.6**, #14/100 in Environmental Studies.]
8. **Rhodes, E., J. Axsen** and M. Jaccard (2014). Does effective climate policy require well-informed citizen support? *Global Environmental Change*. 29, 92-104. [2014 JCR = 5.1, #3/100 in Environmental Studies.]
9. **Axsen, J.,** and K.S. Kurani (2014). Social influence and pro-environmental behavior: The reflexive layers of influence framework. *Environment and Planning B*, 41(5), 847-862. [2014 JCR = **1.0**]
10. Cusack, D., **J. Axsen,** R. Shwom, L. Hartzell-Nichols, S. White, K. Mackey (2014). Assessing climate engineering solutions as complements to mitigation: An interdisciplinary framework. *Frontiers in Ecology and the Environment*, 12(5), 280-287. [2014 JCR = **7.4**, #6/144 in Ecology, #5/221 in Environmental Science.]
11. **Axsen, J.,** C. Orlebar, and S. Skippon (2013). Observing social influence and consumer preference formation: The case of a U.K. workplace electric-vehicle trial. *Ecological Economics*, 95, 96-107. [2014 JCR = **2.7**, #8/100 in Environmental Studies, #25/332 in Economics]
12. **Axsen, J.** and K. Kurani (2013). Hybrid, plug-in hybrid or electric—what kind of electric-drive vehicles do consumers want? *Energy Policy*, 61, 532-543. [2014 JCR = **2.6**, #14/100 in Environmental Studies.]

13. **Axsen, J.** and K. Kurani (2013). Connecting plug-in vehicles to green electricity through consumer demand: A survey of U.S. new car buyers, *Environmental Research Letters*, 8, 1-8. [2014 JCR = **3.9**, #23/221 in Environmental Science]
14. **Axsen, J.**, and K.S. Kurani (2013). Developing sustainability-oriented values: Insights from households in a trial of plug-in hybrid vehicles, *Global Environmental Change*, 23(1), 70-80. [2014 JCR = 5.1, #3/100 in Environmental Studies.]
15. **Axsen, J.**, J. TyreeHageman, and A. Lentz (2012). Lifestyle practices and pro-environmental technology, *Ecological Economics*, 82, 64-74. [2014 JCR = **2.7**, #8/100 in Environmental Studies, #25/332 in Economics.]
16. **Axsen, J.**, and K.S. Kurani (2012). Social influence, consumer behavior and low-carbon energy transitions, *Annual Review of Environment and Resources*, 37, 311-40. [2014 JCR = **5.9**, #2/100 in Environmental Studies]
17. **Axsen, J.**, and K.S. Kurani (2012). Who can recharge a plug-in electric vehicle at home? Submitted to *Transportation Research Part D: Transport and Environment*, 17(5), 349-353. [2014 JCR = **1.9**, #27/100 in Environmental Studies, #12/29 in Transportation.]
18. **Axsen, J.**, and K.S. Kurani (2012). Interpersonal influence within car buyers' social networks: Applying five perspectives to plug-in hybrid vehicle drivers, *Environment and Planning A*, 44(5), 1047-1065. [2014 JCR = **1.6**, #41/89 in Environmental Studies]
19. **Axsen, J.**, K.S. Kurani, R. McCarthy and C. Yang (2011). Plug-in hybrid vehicle GHG impacts in California: Integrating consumer-informed recharge profiles with an electricity-dispatch model, *Energy Policy*, 39(3), 1617-1629. [2014 JCR = **2.6**, #14/100 in Environmental Studies.]
20. **Axsen, J.**, and K.S. Kurani (2011). Interpersonal influence in the early plug-in hybrid market: Observing social interactions with an exploratory multi-method approach, *Transportation Research Part D: Transport and Environment*, 16(2), 150-159. [2014 JCR = **1.9**, #27/100 in Environmental Studies, #12/29 in Transportation.]
21. **Axsen, J.**, and K.S. Kurani (2010). Anticipating plug-in hybrid vehicle (PHEV) energy impacts in California: Constructing consumer-informed recharge profiles, *Transportation Research Part D: Transport and Environment*, 15(4), 212-219. [2014 JCR = **1.7**, #9/24 in Transportation]
22. **Axsen, J.**, K.S. Kurani, and A. Burke (2010). Are batteries ready for plug-in hybrids buyers? *Transport Policy*, 17 (3), 173-182. [2014 JCR = **1.6**, #14/24 in Transportation]
23. **Axsen, J.**, and K.S. Kurani (2009). Early U.S. market for plug-in hybrid electric vehicles: Anticipating consumer recharge potential and design priorities, *Transportation Research Record: Journal of the Transportation Research Board*, 2139, 64-72. [2014 JCR = **0.6**]
24. **Axsen, J.**, D. Mountain, and M. Jaccard (2009). Combining stated and revealed choice research to simulate the "neighbor effect": The case of hybrid-electric vehicles, *Resource and Energy Economics*, 31 (3), 221-238. [2014 JCR = **1.3**, #88/332 in Economics]

Manuscripts under review (6 total, 3 with graduate students)

25. **Fox, J., J. Axsen** and M. Jaccard (Revise and resubmit). Picking winners: Assessing the costs of technology-specific climate policy for U.S. passenger vehicles, Submitted to *Ecological Economics*.
26. **Peters, D., J. Axsen**, A. Mallet (Revise and Resubmit). Socio-political acceptance of smart grid as a tool to mitigate climate change: The case of British Columbia, Submitted for special issue on "Smart Grid" in *Renewable & Sustainable Energy Reviews*.
27. **Axsen, J.** and **M. Wolinetz** (Revise and Resubmit). Forecasting plug-in electric vehicle sales using a constrained choice model, Submitted to *Technological Forecasting and Social Change*.
28. **Rhodes, K., J. Axsen**, and M. Jaccard (Under review). Explaining citizen support for different types of climate policy, to be submitted to *Ecological Economics*.

29. Schmitt, M., L. Aknin and **J. Axsen** (Under Review). It's not easy being green, but it is satisfying: The effects of pro-environmental behaviour on subjective well-being, Submitted to *Journal of Environmental Psychology*.
30. Pettifor, H., C. Wilson, W. Abrahamse, J. Anable, and **J. Axsen** (Under Review). Social influence on vehicle choice: A synthesis and meta-analysis of empirical studies, Submitted to *Journal of Transport Geography*.

Works in progress (6 total, 3 with graduate students)

31. Sykes, M., and **J. Axsen** (Draft). Modeling the importance of a Zero-Emissions Vehicle (ZEV) mandate outside of California: The case of British Columbia, to be submitted to *Energy Policy*.
32. **Axsen, J.**, B. Langman and S. Goldberg (Draft). Confusion of Innovations: Mainstream consumer perceptions and misperceptions of electric-drive vehicle technology, to be submitted to *Energy Research & Social Science*.
33. Wolinetz, M., J. Peters, **J. Axsen** and Curran Crawford (Draft), Simulating the value of vehicle-grid integration for intermittent renewable deployment using a behaviourally-realistic model, to be submitted to *Environment Science & Technology*.
34. Melton, N., **J. Axsen**, and S. Goldberg (Draft), Evaluation plug-in electric vehicle policies and progress toward decarbonizing passenger vehicles in Canada, to be submitted to *Energy Policy*.
35. N. Dusyk and **J. Axsen** (Outline). Societal framing of unconventional fossil fuels: A media analysis of the Northern Gateway Pipeline, to be submitted to *Energy Research and Social Science*.
36. **Axsen, J.**, D. Moule and R. Shwom (Draft). Understanding perceptions of “green” lifestyle in Canada, to be submitted to *Energy Research & Social Science*.

BOOK CHAPTERS

Published (3 total)

1. Ehrhardt-Martinez, K., J. Schor, W. Abrahamse, A. Alkon, **J. Axsen**, K. Brown, R. Shwom, D. Southerton, H. Wilhite (2015). Consumption and Climate Change, in *Climate Change and Society: Sociological Perspective on Global Warming*, Eds. R. Dunlap and R. Brulle, Oxford University Press, American Sociological Association.
2. **Axsen, J.**, C. Yang, R. McCarthy, A. Burke, K. Kurani, and T. Turrentine (2011), The Plug-in Electric Vehicle Pathway, in *Sustainable Transportation Energy Pathways: A Research Summary for Decisionmakers*, Eds. Joan Ogden and Lorraine Anderson, Regents of the University of California, Davis campus. Available under a Creative Commons BY-NC-ND 3.0 license, published 2011, p.38-63.
3. **Axsen, J.**, A. Burke, and K.S. Kurani (2010). Batteries for PHEVs: Comparing Goals and the State of Technology, in *Electric and Hybrid Vehicles: Power Sources, Models, Sustainability, Infrastructures and the Market*, Ed. Gianfranco Pistoia, Elsevier, ISBN 978-0-444-53565-8.

ACADEMIC AND INDUSTRY REPORTS (12 total)

1. Goldberg, S. and **J. Axsen** (2015). *Content Writing for Website on Electric Vehicle Charging in Stratified Buildings (OS18730 – RFSQ)*, Prepared for Metro Vancouver, December 4, 2015.
2. **Axsen, J.**, S. Goldberg, H.J. Bailey, G. Kamiya, B. Langman, J. Cairns, M. Wolinetz, and A. Miele (2015). *Electrifying Vehicles: Insights from the Canadian Plug-in Electric Vehicle Study*, Prepared for Natural Resources Canada, June 25, 2015.
3. Wolinetz, M. and **J. Axsen** (2014). *The Renewable and Low Carbon Fuel Requirement Regulation: Current Impacts and Future Potential of British Columbia's Transportation Fuel Regulation*, Report, Prepared by Navius Research for public release, August, 2014.

4. **Axsen, J., H. J. Bailey, and G. Kamiya** (2013). *The Canadian Plug-in Electric Vehicle Survey (CPEVS 2013): Anticipating Purchase, Use, and Grid Interactions in British Columbia*, Preliminary Report, Prepared for BC Hydro and the British Columbia Government, October 31, 2013.
5. **Axsen, J., and K. Kurani** (2012). *Plug-in Vehicles and “Green” Electricity: A Survey of U.S. new car buyers*. Prepared for BMW of North America, LLC, Submitted May 31, 2012.
6. **Axsen, J., C. Orlebar and S. Skippon** (2011). *Social Influence and Consumer Perceptions during a U.K. Workplace EV Trial*. Report Submitted to Shell Global Technology, November 30, 2011.
7. **Axsen, J.** (2010). *Interpersonal Influence within Car Buyers’ Social Networks: Observing Consumer Assessment of Plug-in Hybrid Electric Vehicles (PHEVs) and the Spread of Pro-Societal Values*. Institute of Transportation Studies, University of California, Davis, PhD Dissertation, Research Report UCD-ITS-RR-10-15.
8. **Kurani, K.S., J. Axsen, N. Caperello, J. Davies, and T. Stillwater** (2009). *Learning from Consumers: Plug-in Hybrid Electric Vehicle (PHEV) Demonstration and Consumer Education, Outreach*, Market Research Program. Institute of Transportation Studies, University of California, Davis, Research Report UCD-ITS-RR-09-21.
9. **Axsen, J., and K.S. Kurani** (2008). *The Early U.S. Market for PHEVs: Anticipating Consumer Awareness, Recharge Potential, Design Priorities, and Energy Impacts*. Institute of Transportation Studies, University of California, Davis, Research Report UCD-ITS-RR-08-22.
10. **Axsen, J., A. Burke, and K.S. Kurani** (2008). *Batteries for Plug-in Hybrid Electric Vehicles (PHEVs): Goals and the State of Technology circa 2008*. Institute of Transportation Studies, University of California, Davis, Research Report UCD-ITS-RR-08-14.
11. **Axsen, J.** (2006). *Combining Stated and Revealed Choice Research to Inform Energy System Simulation Models: The Case of Hybrid Electric Vehicles*, Master’s Thesis, Simon Fraser University.
12. **Axsen, J., J. Nyboer and C. Bataille** (2005). *Goods-Producing Small to Medium-Sized Enterprises: Energy End Use and Efficiency Potentials*, Prepared for Natural Resources Canada, Canadian Industrial Energy End-Use Data and Analysis Centre (CIEEDAC), March 2005.

OTHER PUBLICATIONS (Newspaper and magazines, 4 total published)

1. **Axsen, J.** (2015). BC should enact a zero-emissions mandate: Electric vehicles are an easy route to revving up climate change abatement (Op-Ed), *Vancouver Sun* and *Montreal Gazette*, September 16, 2015.
2. **Axsen, J.** (2015). In climate policy, can public ignorance be bliss? *Policy Options*, January-February, 2015.
3. **Wolinetz, M. and J. Axsen** (2014). B.C. clean fuel regulation works: Let’s keep it clean, clear cut and strong (Op-Ed), *Vancouver Sun*, September 24, 2014.
4. **Axsen, J.** (2011). B.C. government’s plan to construct three LNG plants counters CO2 reduction efforts (Op-ed), *Vancouver Sun*, November 14, 2011.

ACADEMIC CONFERENCE PRESENTATIONS (68 total)

2016 (6 total, 0 by graduate students or researchers)

1. EVS-29
2. International Energy Agency presentation.
3. *GLOBE 2015*, Vancouver, BC, March 2-4, 2016, Invited moderator and speaker: “Pedal to the metal: Accelerating EV market adoption.”

4. *Research Workshop on the Social and Historical Dimensions to Transport*, Copenhagen, Denmark, February 19, 2015, **Invited speaker**: “Explaining consumer purchase and usage of alternative fuels using theories of social influence and lifestyle.”
5. *Transportation Research Board (TRB) 95th Annual Meeting*, Washington, DC. January 11-15, 2015. **Presentations (peer-reviewed)**: “How future plug-in electric vehicle buyers differ from present owners”
6. *TRB 2015 (see above)*, **Presentation (peer-reviewed)**: “How policy can build the plug-in electric vehicle market: Insights from the REspondent-based Preferences and Constraints (REPAC) Model”
7. *TRB 2015 (see above)*, **Invited presentation**: “Moving beyond PEV hype to decarbonize transport”

2015 (18 total, 6 by graduate students or researchers)

8. *King Abdullah Petroleum Studies and Research Center (KAPSARC 2015)*, November 9, 2015, transportation workshop: Invited speaker: “The roles of demand-focused and supply-focused policies in North American PEV sales”
9. *KAPSARC 2015 (see above)* **Invited speaker**: “Moving beyond PEV hype to decarbonize transport”.
10. *KAPSARC 2015 (see above)*, November 10, 2015, **Invited speaker**: “Plug-in vehicle ‘Pioneers’ versus the ‘Early Mainstream’: Perceptions and preferences for vehicles, green electricity and controlled charging.”
11. **Invited speaker**, workshop for, Riyadh, Saudi Arabia, September 16, 2014.
12. *Our Common Future Under Climate Change (CFCC 2015)*, July 7-10, 2015, Paris, France, **Peer-reviewed presentation**, "Socio-technical transitions to low-carbon consumption: Developing markets for electric mobility."
13. *CFCC 2015 (see above)*, **Peer-reviewed presentation**, “Fuel du Jour: Cutting through alternative fuel hype to decarbonize transportation.” [Presented by Noel Melton, Research Associate.]
14. *International Energy Agency (IEA) Noon Talk*, July 6, 2015, Paris, France, **Invited presentation**, “Citizen acceptance of low-carbon technology and policy: The roles of knowledge, lifestyle, values and social influence.”
15. *BMW Electric Mobility Research Group*, July 1, 2015, Munich, Germany, **Invited presentation**, “Plug-in vehicle ‘Pioneers’ versus the ‘Early Mainstream’: Perceptions and preferences for vehicles, green electricity and controlled charging.”
16. *Electric vehicle conference (EVVÉ 2015)*, May 25-27, 2015, Halifax, NS, **Invited Presentation**: “BC’s PEV Owners: Insight into BC’s plug-in electric vehicle market from the Canadian Plug-in Electric Vehicle Study.” [Presented by Suzanne Goldberg, Research Associate.]
17. *EVVÉ 2015 (see above)*, **Invited Presentation**, “Will consumers accept utility controlled charging?” [Presented by Suzanne Goldberg, Research Associate.]
18. *Renewable Cities Global Learning Forum, Vancouver, BC, May 13-15*, **Invited workshop presentation**: “Life is an electric highway: A review of successful EV uptake policies globally.”
19. *Renewable Cities Global Learning Forum, Vancouver, BC, May 13-15*, **Invited plenary presentation**: “Trends, Innovations, and Barriers in Electrifying Transportation.”
20. *Powering plug-in electric vehicles with Renewable Energy Supply in BC* (Co-organizer with Prof. Curran Crawford), SFU Harbour Center, May 7-8, 2015, **Presentation**: “Assessing the PEV market and potential GHG impacts.”

21. *Transportation Research Board (TRB) 94th Annual Meeting*, Washington, DC. January 11-15, 2015. **Presentations (peer-reviewed)**: “Public recharging and plug-in electric vehicle demand: Does it matter?”
 22. *TRB 2015 (see above)*, **Presentation (peer-reviewed)**: “Characterizing preference heterogeneity among potential plug-in electric vehicle buyers.”
 23. *TRB 2015 (see above)*, **Presentation (peer-reviewed)**: “Gauging citizen support for a low-carbon fuel standard.”
 24. *TRB 2015 (see above)*, **Presentation (peer-reviewed)**: “Hype for alternative fuel vehicles (AFVs): Analysis of U.S. media from 1980-2013” [Presented by Noel Melton, Research Associate.]
 25. *TRB 2015 (see above)*, **Presentation (peer-reviewed)**: “Anticipating PEV buyers’ acceptance of utility controlled charging.” [Presented by Joe Bailey, Ph.D. student.]
 26. *TRB 2015 (see above)*, **Presentation**: “A discrete choice experiment to identify consumer preferences for 'Utility Controlled Charging' (UCC).” [Presented by Joe Bailey, Ph.D. student.]
- 2014 (14 total, 5 by graduate students.)**
27. *Electric vehicle conference (EVVÉ 2014)*, Oct. 28-30, 2014, Vancouver, BC, **Presentation (peer-reviewed)**: “Consumer acceptance of utility controlled charging for plug-in vehicles.” [Presented by Joe Bailey, Ph.D. student.]
 28. *EVVÉ 2014 (see above)*, **Presentation (peer-reviewed)**: “What electric vehicle owners in BC tell us about vehicles and recharging preferences.” [Presented by Suzanne Goldberg, Research Associate.]
 29. **Invited speaker**, workshop on “Drivers of Transportation: Measuring the Impact of Policy on Adoption of Alternative Fuel Vehicles on a Global Scale,” for *King Abdullah Petroleum Studies and Research Center (KAPSARC)*, Paris, France, September 16, 2014.
 30. **Invited lecture**: “Modeling technology specific policy: The case of electric vehicles in the U.S.,” for the *International Environment and Development Research Centre (CIRED)*, Paris, France, September 15, 2014.
 31. *International Society of Ecological Economics (ISEE 2014)*, Reykjavik, Iceland, August 13-15, 2014. **Presentation (peer-reviewed)**: “Socio-technical transitions to low-carbon consumption: Developing markets for electric mobility.”
 32. *ISEE 2014 (see above)*, **Presentation (peer-reviewed)**: “Transitioning to sustainable lifestyle practices in Canada”
 33. *ISEE 2014 (see above)*, **Presentation (peer-reviewed)**: “Citizen acceptance of new fossil fuel infrastructure: Value theory and Canada’s Northern Gateway Pipeline.”
 34. *Powering plug-in electric vehicles with Renewable Energy Supply in BC* (Co-organizer with Prof. Curran Crawford), University of Victoria, May 12-13, 2014, **Invited presentation**: “Consumer acceptance of utility controlled charging for plug-in vehicles.” [Presented by Joe Bailey, Ph.D. student.]
 35. *Grid Integration Workshop*, Integrated Energy Systems, University of Victoria (IESVic), May 12, 2014. **Invited presentation**: “CIMS technology simulation model: An introduction to energy demand modeling in CIMS.”
 36. *Unlocking the potential of smart grids: A partnership to explore policy dimensions (Second annual meeting)*, Wakefield, Quebec, May 7-9, 2014 (part of a SSHRC Partnership Development Grant). **Presentation**: “Consumer acceptance of utility controlled charging for plug-in vehicles”
 37. *Smart grid workshop (see above)*. **Presentation**: “Sociopolitical context of smart grid deployment in BC.” [Presented by Derek Peters, Master’s student.]
 38. **Invited lecture**: “Electric vehicles: Matching low-carbon technology to people and policy,” for Environment Canada, Gatineau, QC, May 7, 2014.

39. *Transportation Research Board (TRB) 93rd Annual Meeting*, Washington, DC. January 12-16, 2014. **Presentations (peer-reviewed)**: “Citizen acceptance of new fossil fuel infrastructure.”
40. *TRB 2014 (see above)*, **Presentation (peer-reviewed)**: “Picking winners: Assessing the costs of technology-specific climate policy for U.S. passenger vehicles.” [Presented by Jacob Fox, Master’s student.]

2013 (8 total)

41. *International Conference on Advances in Energy Research (ICAER)*, Indian Institute of Technology Bombay, Mumbai, India, December 10-12, 2013. **Presentation (invited)**: “Connecting plug-in vehicles to green electricity through consumer demand.”
42. *Behavior, Energy and Climate Change (BECC 2013)*, Sacramento, California, November 17-21, 2013. “Consumer acceptance of utility controlled charging for plug-in vehicles”
43. *BECC 2013 (see above)*, “Characterizing green lifestyle using segmentation analysis”
44. *Unlocking the potential of smart grids: A partnership to explore policy dimensions*, Wakefield, Quebec, May 1-3, 2013 (part of a SSHRC Partnership Development Grant). **Presentations**: “Linking plug-in vehicles to renewable energy through Smart Grids”
45. *Smart grid workshop (see above)*: “Citizen perceptions of Smart Meters: Comparing survey results across Canadian regions”
46. *Transportation Research Board 92nd Annual Meeting (TRB 2013)*, Washington, DC. January 13-17, 2013. **Presentation (peer-reviewed)**: “Hybrid, plug-in hybrid or electric: What do car buyers want?”
47. *TRB 2013 (see above)*, **Presentation (peer-reviewed)**: “The ‘design space’ approach: Observing disaggregated consumer response and preference formation.”
48. **Invited presentation**: “What kind of PEVs do car buyers want? How and why?” for the U.S. Department of Energy, Washington, D.C., January 17, 2013.

2012 (7 total)

49. *Behavior, Energy and Climate Change*, Sacramento, California, November 11-14, 2012. **Presentation (invited)**: “Will electric vehicle buyers want green electricity?”
50. *International Society of Ecological Economics (ISEE 2012)*, Rio de Janeiro, Brazil, June 16-19, 2012. **Presentation (peer-reviewed)**: “Observing social influence and consumer preference formation: The case of a U.K. workplace electric-vehicle trial.”
51. *ISEE 2012 (See above)*: **Presentations (peer-reviewed)**: “Lifestyle practices and pro-environmental technology.”
52. *Transportation Research Board 91st Annual Meeting*, Washington, DC. January 22-26, 2012. **Presentations (peer-reviewed)**: “Can markets for electric vehicles and green electricity accelerate each other? Initial conversations with consumers.”
53. *TRB 2012 (see above)*, **Presentation (peer-reviewed)**: “Characterizing residential recharge potential for plug-in electric vehicles.”
54. *TRB 2012 (see above)*, **Presentation (peer-reviewed)**: “Lifestyle practices and pro-environmental technology.”
55. *TRB 2012 (see above)*, **Presentation (peer-reviewed)**: “Developing sustainability-oriented values and practices: Narrative accounts of drivers of plug-in hybrids.”

2011 (4 total)

56. *7th Social Network Conference 2011*, Greenwich, U.K., July 7-9, 2011. **Presentation**: “Processes of social influence and sustainable consumption: Reflexive layers of influence as an integrative theoretical framework.”
57. *Transportation Research Board 90th Annual Meeting*, Washington, DC. January 23-27, 2011. **Presentations (peer-reviewed)**: “Plug-in hybrid greenhouse gas impacts in California: Integrating consumer research with electricity grid modeling.”

58. TRB 2011 (see above): **Presentations (peer-reviewed):** “Interpersonal influence in the early plug-in hybrid market: Observing social interactions.”
59. TRB 2011 (see above): **Presentations (peer-reviewed):** “Processes of social influence and sustainable consumption: Reflexive layers of influence as an integrative theoretical framework.”

2010 (3 total)

60. *Behavior, Energy and Climate Change*, Sacramento, California, November 29-December 2, 2010. **Presentation:** “Social influence matters: How environmental values develop within social networks.”
61. *Transportation Research Board 89th Annual Meeting*, Washington, DC. January 10-14, 2010, **Presentations (peer-reviewed):** “Interpersonal influence within car buyers’ social networks.”
62. TRB 2010 (see above): **Presentations (peer-reviewed):** “Are batteries ready for plug-in hybrid buyers?”

2009 (5 total)

63. *Frontiers in Transportation: Social Interactions*, Niagara on the Lake, Ontario, August 25-27, 2009. **Presentation:** “Interpersonal influence within car buyers’ social networks.”
64. *Plug-in 2009*, Long Beach, CA, August 11-13, 2009. **Invited Panelist:** “Telling stories: Conversations with consumers about PHEVs.”
65. *24th International Electric Vehicle Symposium (EVS-24)*, Stavanger, Norway, May 13-16, 2009. **Presentation:** “Anticipating PHEV energy impacts in California.”
66. *Greening the Internet Economy: ICT and Global Change*, California Public Utilities Commission, San Diego, CA, January 22-23, 2009. **Invited Panelist:** “Information and communications technology (ICT) and intelligent transportation.”
67. *Transportation Research Board 88th Annual Meeting*, Washington, DC. January 11-15, 2009. **Presentation (peer-reviewed):** “The early market for PHEVs: Anticipating consumer recharge potential and design priorities.”

2008 (2 total)

68. *Behavior, Energy and Climate Change (BECC) 2008*, Sacramento, CA, November 16-19, 2008. **Presentation:** “Confusion of innovations: Exploring the adoption and diffusion of “green cars.”
69. *Plug-In 2008*, San Jose, CA, July 22-24, 2008. **Presentation:** “Challenging our assumptions: Anticipating the early market for PHEVs.”

2007 (2 total)

70. *23rd International Electric Vehicle Symposium (EVS-23)*, Anaheim, CA, December 2-5, 2007. **Presentation:** “Consumer preferences for hybrid-electric vehicles: Understanding the neighbor effect.”
71. *Behavior, Energy & Climate Change (BECC) 2007*, Sacramento, CA, November 7-9, 2007. **Poster presentation:** “Market Research for PHEVs.”

TEACHING

Courses

(NOTE: For SFU course student evaluations out of 4.0, where 4.0 = an “A” average among student evaluations, and 3.0 = a “B” average)

1. **REM-100: Global Change (once), SFU, Spring 2016.**
4-credit undergraduate course with 120-150 students.
2. **REM-658: Sustainable Energy and Materials Systems Modeling (4 times), SFU, Spring 2012-15.**
5-credit graduate course with 9-12 students (meets 4 hours per week for 13 weeks).
Spring 2015: Average course evaluation: 3.7/4.0, Average instructor evaluation: 4.0/4.0

- All seven (100%) of students rated the course and instructor as an “A” or “B”.
3. **REM -321: Ecological Economics (5 times)**, SFU, Fall 2011-2015.
4-credit undergraduate course with 50-60 students (2 hours per week, 1 hour tutorial).
Fall 2014: Average course evaluation: 3.7/4.0, Average instructor evaluation: 3.8/4.0
97% of students rated the course and instructor as an “A” or “B”.
 4. **REM-621: Ecological Economics (3 times)**, SFU, Fall 2012-14.
5-credit graduate course with 24-30 students (meets 4 hours per week for 13 weeks).
Fall 2014: Average course evaluation: 3.6/4.0, Average instructor evaluation: 3.8/4.0
All students (100%) rated the course and instructor as an “A” or “B”.
 5. **ECI-163 Energy and Environmental Aspects of Transportation (1 time)**, UC Davis, Fall 2010.
3-credit undergraduate course with 108 students (3 hours lecture per week)
Served as co-lecturer with Professor Daniel Sperling.

Guest lectures

- REM-650: Energy Management and Policy (2 times)**, SFU, Fall 2011, 2014.
REM-802: Research methods for Ph.D. students (4 times), SFU, Spring 2012, 2013, 2014, 2015.
PSYC-391: Environmental Psychology, SFU, Spring 2015.
REM-356: Institutions and environmental policy, SFU, Spring 2015.

Training

- “**Rethinking Teaching**” Curriculum Design Workshop, 4-day workshop, SFU (April 26-May 1, 2012).
Instructional Skills Workshop (ISW), 3-day workshop, SFU (May 2-4, 2012).
“**Collaborative Connections: Develop a Community of Learners in Your Classroom and Beyond,**” six-part workshop, University of California, Davis (May-June, 2010).

Leadership

- Invited co-facilitator of “**Rethinking Teaching**” Curriculum Design Workshop, 4-day workshop, SFU (Twice: April 18-23, 2013 and April 24-29, 2014).

SENIOR SUPERVISORY DUTIES

Ph.D. students in progress (1)

1. Bhardwaj, Chandan, Ph.D in Resource Management, Fall 2016 to present.

Master’s students in progress (7)

1. Miller, Inger, Master’s of Resource Management (M.R.M.), Fall 2016 to present.
2. Miele, Amy, Master’s of Resource Management (M.R.M.), Fall 2015 to present, “Market assessment of consumer acceptance of alternative fuel vehicles: A survey of Canadian new vehicle buyers.”
3. Long, Zoe, Master’s of Resource Management (M.R.M.), Fall 2015 to present, “Market potential for alternative fuel technology: Modeling future market shares for alternative fuel passenger vehicles.”
4. Hammond, William, Master’s of Resource Management (M.R.M.), Fall 2015 to present, “Modeling technology and policy in Canada’s freight transportation sector.”
5. Brunner, Todd, Master’s of Resource Management (M.R.M.), Fall 2014 to present, “Citizen acceptance of unconventional fossil fuel infrastructure in Canada.”
6. Lepitzki, Justin, Master’s of Resource Management (M.R.M.), Fall 2013 to present, “Designing a low-carbon fuel standard for British Columbia: Insights from a hybrid energy-economy simulation model.”
7. Matt Bakker, Master’s of Resource Management (M.R.M.), Fall 2013 to present, “Modeling fishing decisions of anglers.”

Graduated Master's students (8)

8. Cairns, Josh, Master's of Resource Management (M.R.M.), Fall 2013 to present, "Plug-in electric vehicle buyers in British Columbia: Understanding motives and usage patterns." **Defended March 2016.**
9. Sykes, Maxwell, Master's of Resource Management (M.R.M.), Fall 2012 to present, "Prioritizing plug-in vehicle policy strategies by Canadian region." **Defended January, 2016.**
10. Peters, Derek, M.R.M., Fall 2012 to present, "Assessing 'smart grid' opportunities and barriers through media analysis." **Defended March, 2015.**
11. Kamiya, George, M.R.M., Fall 2011 to present, "Greenhouse gas impacts from plug-in vehicle use in Canadian regions: Comparing BC, Alberta and Ontario." **Defended September, 2015.**
12. Langman, Brad, Master's of Resource Management (M.R.M.), Spring 2013 to present, "Understanding consumer demand for PEVs and green electricity using qualitative interviews." **Defended August, 2015.**
13. Moulé, Danette, M.R.M., Fall 2011 to present, "Exploring pro-environmental lifestyles and values in Canada." **Defended January, 2015.**
14. Mascarenhas, Karen, M.R.M., Fall 2011 to September 2014, "Public acceptance of carbon capture and storage in Alberta regions." **Defended September, 2014.**
15. Fox, Jacob, M.R.M., Spring 2011 to May 2013, "Comparing the societal costs of technologically-neutral and technologically-specific climate policies." **Defended May 2013.**

Undergraduate Honors students (1 graduated)

1. Miele, Amy, Bachelor of Environmental Science, Honours thesis, Winter 2014, "Visibility of Electric Vehicle Charging Infrastructure: Is Awareness of Public Charging Stations Associated with Consumer Interest in Plug-in Electric Vehicle Purchase," **Graduated May 8, 2014.**

Post-doctoral scholars (2 in progress)

1. Dusyk, Nichole (Ph.D), July 2014 to present.
2. Kormos, Christine (Ph.D), March 2016 to present.

Undergraduate research assistants

1. Long, Zoe, Research assistant, January to August 2015.
2. Salihue, Hafsa, Research assistant, January to June 2015.
3. Cutler, Geoff, Research assistant, November 2014 to July 2015.
4. Geeves, Kimberley, Research assistant, November 2014 to July 2015.
5. Spira, Marta, Research assistant, November 2014 to July 2015.
6. Roy-Wright, Gabe, Research assistant, March 2014 to July 2015.
7. Miele, Amy, Research assistant, March-August 2014.
8. Agoes, Intan, Research assistant, March-August 2014.
9. Naghshinepour-Esfahani, Negar, Research assistant, March-August 2014.
10. Dullemond, Kia, Research assistant, May 2013 to July 2015.

Research associates (3 presently active)

1. Wolinetz, Michael (M.R.M), Research associate, July 2014 to present.
2. Melton, Noel (M.R.M), Research associate, November 2013 to present.
3. Goldberg, Suzanne (M.R.M), Research associate, September 2013 to present.
4. Groves, Steven (M.R.M), Research associate, June 2012 to March 2013.
5. Mau, Paulus (M.R.M), Research associate, January 2013 to March 2015.

SERVING ON STUDENT COMMITTEES (NOT AS SENIOR SUPERVISOR)

Master's students (1 defended)

1. Crampton, Stefan, M.R.M Fall 2012 to present, "Assessing the potential for nutrient credits and other market-based instruments as incentives for the Canadian salmon farming industry to adopt IMTA technology." [Senior supervisor is Dr. Duncan Knowler of Simon Fraser University.] **Defended January 6, 2016.**

Ph.D. students (1 in progress, 2 graduated)

1. Ladjevardi, Mojtaba, Ph.D. (University of Victoria, Mechanical Engineering). Fall 2014 to present, "Investigation for future sustainable development of BC in respect to prospective LNG export strategy," [Senior supervisor is Dr. Curran Crawford of the University of Victoria.]
2. Petropavlova, Ekaterina, Ph.D. (SFU, REM). Spring 2011 to present, "Public acceptance of climate policy in BC." [Senior supervisor is Dr. Mark Jaccard of Simon Fraser University.] **Defended May 25, 2016.**
3. Bailey, Harry Joseph, Ph.D. (SFU, REM). Fall 2011 to November 2015, "A joint discrete choice model of plug-in vehicle buyer's purchase and recharge behaviour." [Senior supervisor is Dr. Karen Kohfeld of Simon Fraser University.] **Defended November 20, 2015.**

SERVING ON PH.D. DEFENSE COMMITTEES

1. Conrad, Steven, Ph.D. (SFU, REM), Summer 2016, "The use of discrete choice experiments and a coupled socio-hydrological model to inform water policymaking in the Okanagan region of British Columbia" **Defended August 25, 2016.**
2. Murphy, Rose, Ph.D. (SFU, REM), Fall 2013, "Use of empirically-based models to evaluate the potential of energy efficiency and forest carbon sequestration for mitigating climate change." **Defended November 25, 2013.**

SERVING ON PH.D. COMPREHENSIVE EXAMS (6 total)

1. Solis, Rodrigo, (REM, SFU) Summer 2015, "Coupled social-ecological model for trans-boundary wildlife conservation: The case of the Monarch butterfly migration." [Economics breadth examiner.]
2. Welch, Kristina, (REM, SFU) Spring 2015, "Understanding the social development of rural resource-based economies." [Economics breadth examiner.]
3. Burt, Jenn, (REM, SFU) Spring 2015, "Social-ecological transitions in high latitude temperate reef ecosystems." [Economics breadth examiner.]
4. Benner, Jordan, (REM, SFU) Fall 2014, "Integrating communities into ecosystem-based management." [Economics breadth examiner.]
5. Breen, Sarah, (REM, SFU) Fall 2012, "From Staples to Sustainability: New Regionalism and the future of infrastructure in rural Canada." [Economics breadth examiner.]
6. Malick, Mike, (REM, SFU) Spring 2012, "Linking climate variability, ocean processes, and Pacific salmon population dynamics." [Chair.]

SUPERVISION OF TEACHING ASSISTANTS (11 total)

1. Hammond, William, REM-321, Ecological Economics, two tutorials, Fall 2016.
2. Miele, Amy, REM-321, Ecological Economics, two tutorials, Fall 2016.
3. Nielson, Julie, REM-100, Global Change, three tutorials, Spring 2016.
4. Schroeder, Amanda, REM-100, Global Change, three tutorials, Spring 2016.
5. Ladell, Neil, REM-100, Global Change, three tutorials, Spring 2016.
6. Brunner, Todd, REM-321, Ecological Economics, three tutorials, Fall 2015.
7. Lepitzki, Justin, REM/ENV-321, Ecological Economics, three tutorials, Fall 2014.

8. Langman, Brad, REM/ENV-321, Ecological Economics, three tutorials, Fall 2013.
9. Kamiya, George, REM/ENV-321, Ecological Economics, three tutorials, Fall 2012.
10. Irwin, Kim, REM-621, Ecological Economics, Fall 2011.
11. Lutes, Kristin, REM/ENV-321, Ecological Economics, two tutorials, Fall 2011.

MEDIA EXPOSURE

Print (newspaper/magazine, 41 total)

1. National Observer
2. Ayre, J. (2015). Plug-in vehicle sales in Canada could surge, but only with increased supply, research finds. *CleanTechnica*, July 18, 2015.
3. Ayre, J. (2015). Canada could see big electric car boom... if more models were available. *EVObsessed*, July 17, 2015.
4. Shelton, S. (2015). Study considers how to boost plug-in sales from 1 to 30 percent. *hybridCars*, July 24, 2015.
5. Klippenstein, M. (2015). Canadian Plug-in Electric Vehicle Study: 1 percent to 30 percent is the challenge. *Green Car Reports*, July 21, 2015.
6. Millikin, M. (2015). SFU researchers find promise for plug-in vehicles in Canada, but need for increased supply and policy support. *Green Car Congress*, July 16, 2015.
7. Mason, K. (2015). Electric cars could be the vehicle of the future but it needs help. *News 1130*, July 15, 2015.
8. Shelton, S. (2015). UNESCO scientists call for 70 percent emissions reduction by 2050. *Hybridcars.com*, July 24, 2015.
9. Ladner, P. (2015). Market slowly plugging into the advantages of electric vehicles. *Business Vancouver*, June 1, 2015.
10. Luba, F. (2015). Is enthusiasm for Earth Hour flickering out in Vancouver? *The Province*, March 29, 2015.
11. Abshire, J. (2015). Rebates won't get everyone to buy an electric car: SFU expert on consumer response to electric vehicle marketing says province should follow California's stricter policies, *News 1130*, March 25, 2015.
12. Morris, (2015). New study: Public charging has little to do with consumer interest in EVs, *Charged – Electric Vehicle Magazine*, March 18, 2015.
13. Mui, M. (2015). B.C. to re-launch electric car rebates, *24 Hours Vancouver*, March 11, 2015.
14. McElroy, J. (2015). Public chargers for electric cars increase awareness, but not sales, *Global News BC*, March 11, 2015.
15. Conner, S. (2015). Electric car buyers not swayed by access to public chargers: Home charging is more important as a marketing tool, SFU researchers say, *Vancouver Sun*, March 11, 2015.
16. Fumano, D. (2015). BC gov't keeps a close eye on "imminent" arrival of self-driving cars, *The Province and Victoria Times Colonist*, March 11, 2015.
17. Clark, G. (2015). I'm not sold on the hype about driverless cars, *The Province*, March 11, 2015.
18. Bathe, A. (2015). How does Obama's veto of Keystone XL impact other oil projects? An expert says there will be continued pressure from the federal government, *News 1130*, February 24, 2015.
19. Gorski, C. (2014). Why plug-in hybrid vehicles may be the car of the (near) future, *Inside Science*, December 8, 2014.
20. Gorski, C. (2014). How much range do electric cars need? *Inside Science*, November 25, 2014.
21. Bathe, A. (2014). How are demonstrations changing? Expert expects anti-pipeline movement to continue to grow. *News 1130*, November 20, 2014.
22. Bathe, A. (2014). U.S. House approves Keystone XL pipeline project. *News 1130*, November 14, 2014.

23. Shore, R. (2014). We are mostly ignorant of climate policy, but it probably doesn't matter: SFU study challenges the idea that public consensus is required before enacting effective regulations, *Vancouver Sun*, October 24, 2014.
24. Cusack, D. (2014). We don't need to think about climate change. We need to think small, *Washington Post*, June 14, 2014.
25. Cusack, D. (2014). UCLA faculty voices: No quick fix for those melting glaciers, *Technology Org. and UCLA*, June 13, 2014.
26. Larson, S. (2014). The five ways to stop climate change. Oh, wait, make that one way, *Grist*, June 6, 2014.
27. Kurzcius, A. (2014). Here are the five best ways to fight climate change, ranked by scientists, *smithsonian.com*, June 6, 2014.
28. Moore, D. (2014). No quick-fix solution for climate change, study says, printed in *The Canadian Press, The Province, Windsor Star, Montreal Gazette, The Globe and Mail, Calgary Herald, The Vancouver Sun* and *Victoria Times Colonist*, June 4, 2014.
29. Zolfagharifard, E. (2014). Geoengineering won't stop global warming, warns study, *UK Daily Mail*, June 4, 2014.
30. Radford, T. (2014). Cutting emissions is 'perfect option', *Climate News Network*, June 3, 2014.
31. Fletcher, T. (2014). Giant space mirrors, cloud-seeding not practical solutions to climate change: SFU researcher, *Metro Vancouver*, June 3, 2014.
32. Moreau, J. (2013). Clark making pipeline deals "on the fly": MP, *Burnaby Now*, November 6, 2013.
33. Time Colonist (2013). Editorial: Collision ahead over pipelines, *Times Colonist*, October 26, 2013.
34. Bernard, R. (2013). Are pipeline protestors "radicals"? SFU's Jonn Axsen conducted online survey to find out, *News 1130*, October 18, 2013.
35. Nuttall, J. (2013). Alberta, B.C. reach framework deal on oil pipeline, *24 Hours Vancouver*, November 5, 2013.
36. Craft, L (2013), Tesla earns accolades, but market still niche, *Energy Intelligence: New Energy*, Volume 11, Number 36, September 5, 2013.
37. Anscombe, N. (2013). Green electricity drives demand for plug-in vehicles. *Environmental Research Web*, June 22, 2013.
38. Metro Vancouver (2013). Green energy sells electric cars, not fossil-fuelled plug-ins: SFU study, *Metro*, March 30, 2013.
39. Richter, B. (2013). Fully charged: North van electric vehicle advocate takes on our gas-addicted society, *North Shore News*, March 3, 2013.
40. Vancouver Sun (2013). B.C. lays the groundwork for a surge in electric car charging stations, *Vancouver Sun*, February 2, 2013.
41. Millar, E. (2012). Green versus green: An ecological economist asks: Does the environment get ignored in the economics courses business students take? *The Globe and Mail*, November 5, 2012.
42. Luba, F. (2011). Burnaby native named young researcher of the year. *The Province*, May 18, 2011.
43. Margonelli, L. (2008). The plug-in paradox, *Forbes Magazine*, November 24, 2008.

Television (2 total)

1. Global BC1 News, SFU team says electric vehicles need government support, Broadcast July 17, 2015.
2. Global News, Public chargers for electric cars increase awareness, but not sales, Broadcast March 11, 2015.

Radio (21 total)

1. CBC Ontario (July 18, 2016): Noon show with Stu Mills.
2. CBC radio (June 2016) – 12 syndicate interviews
3. CBC Victoria, “CBC on the island with Gregor Craigie”, March 12, 2015, Regarding study on electric vehicle chargers.
4. CFX Victoria, Terry Moore show, June 16, 2014: Regarding acceptance of the Northern Gateway Pipeline among Canadian citizens.
5. CFX Victoria, Pamela McCall Show, June 4, 2014: Regarding recent study on climate policy and climate engineering.
6. CKNW Vancouver, Bill Good Show, April 8, 2014: “Are electric vehicles about to fizzle out?” regarding the potential market for electric vehicles in British Columbia.
7. CFX Victoria, Pamela McCall Show, October 22, 2013: Regarding public controversy over the Northern Gateway Pipeline.
8. CBC Radio Victoria, February 3, 2012: Regarding BC Hydro’s announcement on liquefied natural gas (LNG).
9. CBC Daybreak North, Prince Rupert, October 12, 2011: Regarding BC Province’s claims of job growth from new LNG plants.
10. The Afternoon News with Tom Young, May 20, 2011: Regarding “Why do consumers buy electric cars?”

RESEARCH FUNDING

Grants (Total funds won for my SFU research team from 2011-2015: over \$1.1 million)

1. **Metcalf organization (\$30k)**
2. **NRCan ecoENERGY Innovation Initiative “Add-on” grant**, primary co-investigator (Principal Investigator is Dr. Curran Crawford), “Powering plug-in electric vehicles with renewable energy supply in BC,” \$244k, one year add-on for 2015/16 fiscal year. [\$150k sub-grant for my research group.]
3. **Pacific Institute of Climate Solutions (PICS) Transportation Future for British Columbia**, co-investigator, lead of Theme 1 at SFU (Principal investigator is Dr. Walter Merida at UBC), where Theme 1 is “Integrated social, economic and technical analysis of the transportation market and public policy,” \$1.5 Million for five years (2015-2020). [\$334k for SFU, ~\$111k for my research team]
4. **SFU Community Trust Endowment Fund**, co-investigator (Principal investigator is Dr. Erik Kjeang), “Developing affordable low-carbon vehicle technologies to meet climate goals: A social, economic and technical analysis of the market and public policy,” \$1.25 million for 5 years, 2015-2020. [~\$300k for my research team]
5. **Province of British Columbia: Clean-energy vehicle fund**, principal investigator, “The effects of a low-carbon fuel standard on Clean-Energy Vehicle (CEV) diffusion in BC: An energy-economy approach” \$25k, 2 years funding for one Master’s student, awarded March 2013.
6. **NRCan ecoENERGY Innovation Initiative R&D Contribution Initiative**, primary co-investigator (Principal Investigator is Dr. Curran Crawford), “Powering plug-in electric vehicles with renewable energy supply in BC,” \$600k, four years, awarded March 2013. [\$227k sub-grant for my research group.]

7. **SSHRC Insight Development Grant**, principal investigator, “Transitioning to sustainable lifestyle practices in Canada,” \$54k, one year, awarded July 2012.
8. **SSHRC Insight Grant**, principal investigator, “Socio-technical transitions to low-carbon consumption: Assessing Canadian consumers’ readiness for electric-mobility,” \$223k, three years, awarded May 2012.
9. **SSHRC Partnership Development Grant**, co-investigator (Principal Investigators are Drs. Ian Rowlands and James Meadowcroft), “Unlocking the potential of smart grids: A partnership to explore economic, social and policy dimensions,” \$180k, three years. Awarded May 2012. [Resulted in \$21k sub-grant for my research group.]
10. **SFU President’s Research Start-up Grant**, principal investigator, \$40k, two years, Awarded September 2011.

Student scholarships (total of \$254k for SFU students)

1. Hammond, William, SSHRC, 2016, Master’s scholarship (SFU, \$17k)
2. Long, Zoe, SSHRC, 2015, Master’s scholarship (SFU, \$17k)
3. Salihue, Hafsa, VPR USRA, 2014, (SFU, \$2k)
4. Cairns, Josh, SSHRC, 2013, Master’s scholarship (SFU, \$17k)
5. Peters, Derek, SSHRC, 2013, Master’s scholarship (SFU, \$17k)
6. Sykes, Maxwell, SSHRC, 2013, Master’s scholarship (SFU, \$17k)
7. Ladjevardi, Mojtaba, PICS, 2013-15, Energy and Water fellowship (UVIC, \$54k)
8. Rhodes, Katya, SSHRC Vanier Ph.D. 2013-15, Ph.D. Scholarship (SFU, \$150k).
9. Fox, Jacob, SSHRC (2012), Master’s scholarship (SFU, \$17k)

HONORS AND AWARDS

- **Scholar for Dissertations Initiative for the Advancement of Climate Change Research** (DISCCRS VI), NSF and NASA sponsored symposium, Colorado Springs, Colorado, November 22-29, 2011. [35 scholars selected from over 200 applicants.]
- International Transportation Forum (OECD), **Young Researcher of the Year**, (\$7,000), 2011. [Selected from 40 submissions from 22 countries.]
- Winner: **Outstanding Ph.D. Dissertation in Transportation Technology and Policy** (\$1,500), UC Davis, 2010
- **Eno Fellow in Transportation Leadership Development**, week-long policy training in Washington, D.C., 2010.
- **Chevron Corporate Fellowship** (\$9,000), UC Davis, 2009.
- Social Sciences and Humanities Research Council of Canada: **SSHRC Doctoral Fellowship** (\$80,000), 2007 – 2010.
- **Canadian Institute of Energy Scholarship Award** (\$750), Simon Fraser University, spring 2006.
- **British Columbia Automobile Association Environmental Studies in Transportation Award** (\$800), Simon Fraser University, fall 2005.
- Social Sciences and Humanities Research Council of Canada: **SSHRC Master’s Scholarship** (\$17,000), 2004 – 2005 academic year.
- **World Petroleum Congress Scholarship** (\$3,000), Simon Fraser University, 2003.
- **Mildred Wirtanen Academic Scholarship** (\$4,000), Simon Fraser University, 2003.
- **SFU Open Scholarship** (\$4,500), Simon Fraser University, 2002 – 2003.
- **Connell Prize in Corporate Finance** (\$300), Murdoch University, spring 2002.

ACTIVE COMMITTEE SERVICE (8 total, 4 presently active)

Department specific (REM)

1. REM Alumni Association, 2015-present.
2. REM Tenure and Promotion Committee, 2014-15, 2016-17.
3. REM Undergraduate Curriculum Committee, 2011 to 2015.
4. REM Teaching Load Committee, 2016.

University-wide (SFU)

5. SFU Research Ethics Board, June 2014 to August 2016
6. SFU Sustainability Mobility committee, June 2013 to present.
7. SFU Environmental Science Steering committee, 2012 to present.

Broader community

8. SSHRC Insight Grant Adjudication Committee for Environmental Studies (2 times), spring 2013 and spring 2014.
9. BC Government, Renewable and Low Carbon Fuels Technical Advisory Working Group, June 2013 to present.

SERVICE TO COMMUNITY AT LARGE (including 9 public presentations total)

2016

1. Invited speaker: Pacific Institute for Climate Solutions (PICS), "BC's future Climate Leadership Plan: What you can do," SFU Burnaby, BC, March 16, 2016.

2015

2. Invited presentation: BC Hydro "Load planning for electric vehicles," Vancouver, BC, February 13, 2015.
3. Invited participant: Western Canadian Biodiesel Association, "Low Carbon Transport Roundtable," Vancouver, BC, May 22, 2015.
- 4.

2014

5. Invited participant: PICS Transportation planning session, Vancouver, BC, September 11, 2014.
6. Public lecture: "Electric vehicles: Matching low-carbon technology to people and policy," for the New Energy Iceland, Reykjavik, Iceland, August 20, 2014.
7. Public lecture: "Electric vehicles: Matching low-carbon technology to people and policy," for the University Centre of Westfjords, Isafjordur, Iceland, August 18, 2014.
8. Invited participant: "Technical Session #1: Emerging and Alternative Fuels," BC Government, Sheraton Vancouver Airport, Richmond, BC, May 21, 2014.
9. Participant: "Renewable and low carbon fuel requirements: Discussion to assess pathways to compliance," BC Government, Sheraton Vancouver Airport, Richmond, BC, April 16, 2014.
10. Participant: "Public finance and climate policy implications of BC's LNG export Strategy," Carbon Management Canada, Morris J. Wosk Center for Dialogue, Vancouver, BC, April 11, 2014
11. Public lecture: "Oil pipelines: Jobs, risks and the Canadian vision," Cool Drinks, North Vancouver, February 11, 2014.
12. Public lecture: "Citizen acceptance of new fossil fuel infrastructure: Value theory and Canada's Northern Gateway Pipeline," SFU Institute for the Humanities, SFU Harbour Center, January 21, 2014.

2013

13. Contributor/Advisory: "Plug-in BC Communications Plan 2014," for Fraser Basin Council, Metro Vancouver, City of Vancouver and the City of Surrey, December 2013. (I provided original analysis of consumer demand for plug-in vehicles in BC.)

14. Public lecture: "Green technologies, lifestyles and values: How people live and how that can change," Thompson River University, Kamloops, BC, April 11, 2013.
15. Public lecture: "Electric vehicles: Matching low-carbon technology to people and policy," for the Pacific Institute for Climate Solutions, UBC Robson Square, February 21, 2013.
16. Participant: "Five ideas for climate action in British Columbia," facilitated by the Pacific Institute for Climate Solutions, Vancouver, BC, December 2012 and January 2013.

2012

17. Public lecture: "Electric vehicle hype and hope: The key to sustainable mobility?" for SFU's Faculty of Environment Speaker Series, SFU, Burnaby, BC, March 23, 2012.

2011

18. Panelist for "Energy resiliency: Meeting the challenge," for Metro Vancouver Sustainable Region Initiative, Vancouver, BC, November 3, 2011.

PEER REVIEW:

Member of Editorial Committee:

1. *Energy Research and Social Science*

Reviewed Academic Journals and Conferences:

1. *Nature Energy*
2. *Energy Research and Social Science*
3. *2012 ASME International Design Engineering Technical Conference*
4. *ASME Journal of Mechanical Design*
5. *Canadian Public Policy*
6. *Ecological Economics*
7. *Energies*
8. *The Energy Journal*
9. *Energy Policy*
10. *Environmental Science and Technology*
11. *Geoforum*
12. *Global Environmental Change*
13. *International Journal of Electric Power and Energy Systems*
14. *Journal of Cleaner Production*
15. *Journal of Environmental Psychology*
16. *Resource and Energy Economics*
17. *Transportation Research Part A: Policy and Practice*
18. *Transportation Research Part C: Emerging Technologies*
19. *Transportation Research Part D: Environment and Transport*
20. *Transportation Research Part E: Logistics and Transportation Review*
21. *Transportation Research Board (Of the U.S. National Academies)*
 - *Transportation Energy Committee*
 - *Alternative Transportation Fuels and Technologies Committee*
 - *Traveler Behavior and Values Committee*

Reviewed Grant Applications:

1. *US National Center for Sustainable Transportation (NCST)*
2. *UC Berkeley Transportation Center (UCTC)*
3. *UCLA Transportation Center*
4. *Vanderbilt University*

5. Invited reviewer for adjudication of 2013 *Social Sciences and Humanities Research Council (SSHRC) of Canada*, Insight Grants in “Canadian Environmental Issues” and “Northern Communities: Towards Social and Economic Prosperity” (March 4-6, 2013).
 - 2013: I personally reviewed 24 proposals, and helped committee to rank 115 proposals.
 - 2014: I personally reviewed 25 proposals, and helped committee to rank 112 proposals.