

# David Lewis Dickinson

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## EDUCATION

- Ph.D. in Economics, University of Arizona, 1997.
- M.A. in Economics, University of Arizona, 1993.
- B.A. in Spanish, Western Washington University, 1990.

## RESEARCH INTERESTS

- Experimental and Behavioral Economics, Labor Economics, Sleep and Decision Making.

## TEACHING INTERESTS

- Labor economics, Microeconomics, Experimental economics, Principles of econ.

## PROFESSIONAL POSITIONS/AFFILIATIONS

- Professor of Economics, Appalachian State University*: 2010-present.
- Research Fellow, (IZA) Institute of Labor Economics, Bonn (Germany)*: 2014-present. <http://www.iza.org/profile?key=1792>
- Research Affiliate, Argyros School of Business and Economics – Economic Science Institute (ESI)*: 2015-present.
- Senior Research Fellow, CERPA (Center for Economic Research and Policy Analysis), Appalachian State University*: 2012-present.

## PAST POSITIONS/AFFILIATIONS/

- Invited Professor, University of Rennes (France)*: May 2018, May 2021
- WCOB Dean's club professorship, Appalachian State University*: 2010-2014
- Associate Professor of Economics, Appalachian State University*: 2004-2010.
- Invited Professor, GATE – University of Lyon/CNRS affiliated (France)*, April 2006, May 2002.
- Assistant Professor of Economics and Management & Human Resources Utah State University*, 1999-2004.
- Visiting Assistant Professor of Economics, Colgate University*, 1997-1999.

## HONORS/AWARDS

- 2019: WCOB Deans Club Research Prize. Prize given for top research article in year 2019
- 2012: Invited Professor at University of Rennes. Teach short course for Masters and Ph.D. students and engage in collaborative research.
- 2010-2014: Dean's Club Professorship appointment: Walker College of Business, Appalachian State University (2-year appointment, renewable one)
- 2008: Excellence in Research Award: Walker College of Business, Appalachian State University (1 research award given per year).
- 2006: Invited Professor at GATE – University of Lyon/CNRS affiliated (1-month).

- 2006: Canadian Agricultural Economics Society: Outstanding journal article competition for 2005; *Honorable mention* award for the article “Traceability in the Canadian Red Meat Sector: Do Consumers Care?” (with J. Hobbs, D. Bailey, and M. Haghiri) *Canadian Journal of Agricultural Economics*, 53: 47-65.
- 2003: Management and Human Resources department Researcher of the year, Utah State University
- 2003: Invited participant: 6<sup>th</sup> Annual Japanese-American Beckman Frontiers of Science Symposium in Kanagawa, Japan (symposium co-sponsors: U.S. National Academy of Sciences, Japan Society for the Promotion of Sciences).
- 2002: Economics department Researcher of the year, Utah State University
- 2002: Management and Human Resources department Researcher of the year, Utah State University (independent election process from Econ. dept.)
- 2002: Invited Professor at GATE – University of Lyon/CNRS affiliated (1-month).
- 1999: ANBAR electronic intelligence **CITATION of EXCELLENCE\*** award for highest quality rating for article “Absolute and Relative Rewards for Individuals in Team Production” co-author R. Mark Isaac, in *Managerial and Decision Economics*, 19, 1998: 299-310.

#### **EXTERNAL GRANTS (as PI or co-PI)**

- 2020-2023: *National Science Foundation, PI*, SES #2018001: 406,628. With Naomi Kakoschke (co-PI) and Sean Drummond (co-PI) to study the decision foundation of eating behaviors when sleep restricted.
- 2017-2020: *National Science Foundation, PI*, SES #1734137: \$399,038. With Dave Bruner and Dave McEvoy to study how sleep restriction impacts strategic decisions.
- 2017-2020: *Office of Naval Research Global, co-PI*, \$450,000 (\$750,000 with cost share). With Sean Drummond (PI) Clare Anderson (co-PI) and Shantha Rajaratnam (co-PI) to study sleep restriction and circadian misalignment impacts on decision making.
- 2012-2016: *National Science Foundation, PI*, BCS-1229067: \$405,628. With Todd McElroy (co-PI) to study how sleep restriction and circadian timing affect decision processes.
- 2008-2011: *National Science Foundation, PI*, SES #0727794: \$750,000 collaborative proposal with UC-San Diego, ASU, and US Air Force Academy to study effects of sleep deprivation on decision making under uncertainty (\$69,000 of grant directly to ASU – I was PI of the ASU grant for this collaboration, Sean Drummond PI for UC-San Diego, Jeffrey Dyche PI for U.S. Air Force Academy).
- 2003-2004: *National Science Foundation, PI*, SES #0316414: \$44,000. With Lynn Hunnicutt to study the role of nonbinding suggestions on dispute resolution using experiments.
- 2002: *National Science Foundation, PI*, SES #0133231: \$56,000 for research on the role of expectations in dispute rates using experimental economics.
- 2001-2003: *USDA National Research Initiative, co-PI*, with DeeVon Bailey (PI). \$160,000 for experimental work on valuing food traceability.

- 2000: *Utah Department of Agriculture and Food, co-PI*, with DeeVon Bailey (PI) and Von T. Mendenhall. \$44,670 for experimental work on valuing food traceability
- 1995: *Russel Sage Foundation Grant, PI*. \$1000 for experimental research on work team motivation.

**INTERNAL GRANTS (does not include College of Business-only small internal grants)**

- 2015: University Research Council, Appalachian State University. \$4000 to study asset trading decisions in global experimental markets (collaborative with Dr. Ananish Chaudhuri at the University of Auckland).
- 2011: University Research Council, Appalachian State University. \$2250 with Scott Collier to study decision making post-exercise (using experiments)
- 2008: Research Development Award, Appalachian State University. \$25,000 with Todd McElroy to study sleep loss and circadian effects on decision making.
- 2008: Foundation Faculty Travel Study Grant, Appalachian State University. \$5500 from the endowment fund of the ASU Foundation.
- 2006: Faculty foreign matching travel grant, Appalachian State University. \$1900 from the Office of International Programs.
- 2004-2005: University Research Council, Appalachian State University. \$2,456 to study bargaining under uncertainty (using experiments).
- 2000: Utah State University *New Faculty Grant* (competitive). \$15,000 for research on arbitration and dispute resolution using experimental economics
- 1999: *Colgate University Major Grant* (competitive), with J. Tiefenthaler. \$3000 for experimental economics research on fairness

**REFEREED PUBLICATIONS**

- Garrett C. Hisler, David L Dickinson, Scott A. Bruce, and Brant P. Hasler "Preliminary evidence that misalignment between sleep and circadian timing alters risk-taking preferences." Forthcoming, *Journal of Sleep Research*
- Castillo, Marco. and David L. Dickinson (2022) "Sleep restriction increases coordination failure" *Journal of Economic Behavior and Organization*, 200(August): 358-370. DOI: 10.1016/j.jebo.2022.06.001
- Lim, Jeryl., Johanna Boardman, Jeffrey Dyche, Clare Anderson, David L. Dickinson, and Sean P.A. Drummond (2022) "Sex Moderates the Effects of Total Sleep Deprivation and Sleep Restriction on Risk Preference" *SLEEP*, 45(9): zsac120. DOI: 10.1093/sleep/zsac120
- Dickinson, David L., Dave McEvoy, and David Bruner (2022) "The impact of sleep restriction on interpersonal conflict resolution and the narcotic effect." *Journal of Economic Behavior and Organization*, 194(Feb): 71-90. DOI: 10.1016/j.jebo.2021.12.003
- Dickinson, David L., Jama Brookes, Cori Ferguson, and Sean P.A. Drummond (2021) "The impact of self-selected short sleep on monetary risk taking" *Journal of Sleep Research*, 00, e13529. DOI: 10.1111/jsr.13529

- Dickinson, David L. and Caleb Garbuio (2021) "The influence of dietary patterns on outcomes in a Bayesian Choice Task" *Health Science Reports*, 4(3): e369. DOI: 10.1002/hsr2.369
- McEvoy, David M, David M. Bruner, David L. Dickinson, and Sean P.A. Drummond (2021) "Sleep restriction and strategy choice in cooperation and coordination games." *Economics Letters*, 208(Nov): 110049. DOI: 10.1016/j.econlet.2021.110049
- Dickinson, David L. (2021) "Sleep and Decision Making" in Chaudhuri, Ananish (Ed.) *A Research Agenda for Experimental Economics*, pp. 215-238. Elgar Research Agenda Series, Cheltenham, UK: Edward Elgar. ISBN: 978 1 78990 984 5
- Dickinson, David L. and Naomi Kakoschke (2021) "Seeking confirmation? Biased information search and deliberation in the food domain." *Food Quality and Preference*, 91(July): 104189. DOI: 10.1016/j.foodqual.2021.104189
- Dickinson, David L, and David M. McEvoy (2021) "Further from the truth: The impact of moving from in-person to online settings on dishonest behavior." *Journal of Behavioral and Experimental Economics*, 90(Feb): 101649. DOI: 10.1016/j.socec.2020.101649
- Dickinson, David L (2020) "Deliberation enhances the confirmation bias in politics." *Games*, 11(4), 57. DOI: 10.3390/g11040057
- Clark, Jeremy., and David L Dickinson (2020) "The effect of sleep on public good contributions and punishment: Experimental evidence." *PLoS ONE*, 15(10): e0240324. DOI: 10.1371/journal.pone.0240324
- Dickinson, David L., Andrew R. Smith, Robert McClelland (2020) "An Examination of Circadian Impacts on Judgments" *Social Psychology*, 50: 341-353. DOI: 10.1027/1864-9335/a000420
- Dickinson, David L. (2020) "Labor Negotiations, Conflicts, and Arbitration." In: Zimmermann K. (eds) **Handbook of Labor, Human Resources and Population Economics**. Springer, Cham
- McElroy, Todd, David L. Dickinson, and Irwin Levin (2020) "Thinking About Decisions: An Integrative Approach of Person and Task Factors." *Journal of Behavioral Decision Making*, 33: 538-555. DOI: 10.1002/bdm.2175
- Dickinson, David L, Ananish Chaudhuri, and Ryan Greenaway-McGrevy (2020) "Trading while sleepy? Circadian mismatch and mispricing in a global experimental asset market." *Experimental Economics*, 23(2): 526-553. DOI: 10.1007/s10683-019-09623-0
- McElroy, Todd, and David L. Dickinson (2019) "Thinking About Complex Decisions: How Sleep and Time-of-day Influence Complex Choices." *Consciousness and Cognition* 76:102824. DOI: 10.1016/j.concog.2019.102824
- Dickinson, David L, and David Masclet (2019) "Using ethical dilemmas to predict antisocial choices with real payoff consequences: An experimental study." *Journal of Economic Behavior and Organization* 166(Oct): 195-215. DOI: 10.1016/j.jebo.2019.08.023

- Holbein, John B, Jerome P. Schafer, and David L. Dickinson (2019) "Insufficient sleep reduces voting and other prosocial behaviors." *Nature Human Behaviour*, 3: 492-500. DOI: 10.1038/s41562-019-0543-4
- Dickinson, David L, and Todd McElroy (2019) "Bayesian versus heuristic-based choice under sleep restriction and suboptimal times of day." *Games and Economic Behavior*, 115 (May): 48-59. DOI: 10.1016/j.geb.2019.02.011
- Dickinson, David L, Alexander Wolkow, Sean P.A. Drummond, Shanthakumar M.W. Rajaratnam (2018) "Personal sleep debt and daytime sleepiness mediate the relationship between sleep and mental health outcomes in young adults." *Depression and Anxiety*, 35(8): 775-783. DOI: 10.1002/da.22769
- Dickinson, David L, David Masclet, and Emmanuel Peterle (2018) "Discrimination as favoritism: The private benefits and social costs of in-group favoritism in an experiment labor market." *European Economic Review*, 104 (May): 220-236. DOI: 10.1016/j.euroecorev.2018.03.004
- Dickinson, David L, and Todd McElroy (2017) "Sleep restriction and circadian effects on social decisions." *European Economic Review*, 97(August): 57-71. DOI: 10.1016/j.euroecorev.2017.05.002
- Dickinson, David L, Sean P. A. Drummond, and Todd McElroy (2017) "The viability of an ecologically valid chronic sleep restriction and circadian timing protocol: An examination of sample attrition, compliance, and effectiveness at impacting sleepiness and mood." *PLoS ONE*, 12(3): e0174367. DOI: 10.1371/journal.pone.0174367
- Poudel, Govinda, Anjan Bhattarai, David L. Dickinson, and Sean P.A. Drummond (2017) "Neural correlates of decision making during a Bayesian choice task." *NeuroReport*, 28(4): 193-199. DOI: 10.1097/WNR.0000000000000730
- Castillo, Marco, David L. Dickinson, and Ragan Petrie (2017) "Sleepiness, choice consistency, and risk preferences." *Theory and Decision*, 82(1): 41-73. DOI: 10.1007/s11238-016-9559-7
- Dickinson, David L, Joe Cazier, and Thomas Cech (2016) "A practical validation study of a commercial accelerometer using good and poor sleepers." *Health Psychology Open*, July-December. DOI: 10.1177/2055102916679012
- Oaxaca, Ronald L., and David L. Dickinson (2016) "Symmetric Experimental Designs: Conditions for Equivalence of Panel Data Estimators." *Journal of the Economic Science Association*, 2: 85-95. DOI: 10.1007.s40881-016-0022-x
- Dickinson, David L., Sean P. A. Drummond, and Jeffrey Dyche (2016) "Voluntary sleep choice and its effects on Bayesian decisions." *Behavioral Sleep Medicine*, 14(5): 501-513. DOI: 10.1080/15402002.2015.1028064
- Dickinson, David L., David Masclet, and Marie Claire Villeval (2015) "Norm enforcement in social dilemmas: An experiment with police commissioners." *Journal of Public Economics*, 126: 74-85. DOI: 10.1016/j.jpubeco.2015.03.012

- McElroy, Todd, David L. Dickinson, Nathan Stroh, and Christopher A. Dickinson (2016) "The physical sacrifice of thinking: Investigating the relationship between thinking and physical activity in everyday life." *Journal of Health Psychology*, 21(8): 1750-1757. DOI: 10.1177/1359105314565827
- Dickinson, David L., and John Whitehead (2015) "Dubious and Dubiouser: Contingent Valuation and the Time of Day" *Economic Inquiry*, 53(2): 1396-1400. DOI 10.1111/ecin.12161
- Dickinson, David L, and David Masclet (2015) "Emotion Venting and Punishment in Public Good Experiments." *Journal of Public Economics*, 122: 55-67. DOI: 10.1016/j.jpubeco.2014.10.008
- Dickinson, David L, Glenn Dutcher, and Courtney Rodet (2015) "Observed Punishment Spillover Effects: A Laboratory Investigation of Behavior in a Social Dilemma" *Experimental Economics*, 18(1): 136-153. DOI 10.1007/s10683-014-9399-7
- Fairbrother, Kimberly, Ben Cartner, Jessica R Alley, Chelsea D Curry, David L. Dickinson, David M. Morris, Scott R. Collier (2014) "Effects of exercise timing on sleep architecture and nocturnal blood pressure in prehypertensives." *Vascular Health and Risk Management*, 10:691-698. DOI: 10.2147/VHRM.S73688
- Dickinson, David L, Todd McElroy, and Nathan Stroh (2014) "Impact of Glucose on Bayesian v. Heuristic-based Decision Making." *Journal of Neuroscience, Psychology, and Economics*, 7(4): 237-247. DOI: 10.1037/npe0000030
- Dickinson, David L, and Ronald Oaxaca (2014) "Wages, Employment, and Statistical Discrimination: Evidence from the Laboratory." *Economic Inquiry*, 52(4): 1380-1391. DOI: 10.1111/ecin.12103
- Dickinson, David L., and Todd McElroy (2012) "Circadian effects on strategic reasoning." *Experimental Economics*, 15(3): 444-459. DOI 10.1007/s10683-011-9307-3
- Dickinson, David L., and Marie Claire Villeval (2012) "Job allocation rules and sorting efficiency: Experimental Outcomes in a Peter Principle Environment." *Southern Economic Journal*, 78(3): 842-859. DOI: 10.4284/0038-4038-78.3.842
- Dickinson, David L., and Robert J. Oxoby (2011) "Cognitive dissonance, pessimism, and behavioral spillover effects." *Journal of Economic Psychology*. 32(3): 295-306. DOI: 10.1016/j.joep.2010.12.004
- McElroy, Todd. and David L. Dickinson (2010) "Thoughtful days and valenced nights: How much will you think about the problem?" *Judgment and Decision Making*, 5(7): 516-523.
- Dickinson, David L. and Todd McElroy (2010) "Rationality Around the Clock: Sleep and Time-of-Day Effects on Guessing Game Responses." *Economics Letters*, 108(2): 245-248. DOI: 10.1016/j.econlet.2010.04.029
- Anderson, Clare. and David L. Dickinson (2010) "Bargaining and Trust: The Effects of 36hr Sleep Deprivation on Socially Interactive

- Decisions." *Journal of Sleep Research*, 19: 54-63. DOI: 10.1111/j.1365-2869.2009.00767.x
- Dickinson, David L. and Lynn Hunnicutt (2010) "Nonbinding Suggestions: The Relative Effects of Focal Points versus Uncertainty Reduction on Bargaining Outcomes." *Theory and Decision*, 69(4): 615-634. DOI: 10.1007/s11238-009-9156-0
  - Dickinson, David L., and Ronald L. Oaxaca. (2009) "Statistical Discrimination in Labor Markets: An Experimental Analysis." *Southern Economic Journal*, 76(1): 16-31.
  - Dickinson, David L. (2009) "The Effects of Beliefs versus Risk Attitude on Bargaining Outcomes." *Theory and Decision*, 66(1): 69-101.
  - Dickinson, David L. (2009) "Experiment Timing and Preferences for Fairness." *Journal of Socio-Economics*, 38: 89-95.
  - Dickinson, David L., and Marie Claire Villeval (2008) "Does Monitoring Decrease Work Effort? The Complementarity Between Agency and Crowding-Out Theories." *Games and Economic Behavior*, 63(1): 56-76.
  - Dickinson, David L., and Sean P.A. Drummond (2008) "The Effects of Total Sleep Deprivation on Bayesian Updating." *Judgment and Decision Making*, 3(2): 181-90.
  - McKenna, Benjamin., David L. Dickinson, Henry Orff, and Sean P.A. Drummond (2007) "The Effects of One-Night of Sleep Deprivation on Known-Risk and Ambiguous-Risk Decisions." *Journal of Sleep Research*, 16(3): 245-52.
  - Dickinson, David L. (2006) "On-the-Job Leisure as a Cause of Asymmetric Observed-Effort Distributions." *Managerial and Decision Economics*, special issue: Experimental Economics, 27(6): 435-44.
  - Dickinson, David L. (2006) "The chilling effect of optimism: The case of final-offer arbitration." *Journal of Socio-Economics*, 35(1): 17-30.
  - Dickinson, David L., and DeeVon Bailey (2005) "Experimental Evidence on the Willingness-to-Pay for Red Meat Traceability in the United States, Canada, the United Kingdom, and Japan." *Journal of Agricultural and Applied Economics*, 37(3): 537-48. (lead article)
  - Dickinson, David L. (2005) "Bargaining Outcomes with Double-Offer Arbitration." *Experimental Economics*, 8: 145-66.
  - Dickinson, David L., and Lynn Hunnicutt (2005) "Does Fact-Finding Promote Settlement? Theory and a Test." *Economic Inquiry*, 43(2): 401-16.
  - Hobbs., Jill E., Bailey, Deevon., Dickinson, David L., and Morteza Haghiri. (2005) "Traceability in the Canadian Red Meat Sector: Do Consumers Care?" *Canadian Journal of Agricultural Economics*, 53(March): 47-65.
  - Dickinson, David L. (2004) "A Comparison of Conventional, Final-Offer, and 'Combined' Arbitration for Dispute Resolution" *Industrial and Labor Relations Review*, 57(2): 288-301.

- Parkhurst, Gregory, Jason Shogren, and David L. Dickinson (2004) "Negative Values in Vickrey Auctions." *American Journal of Agricultural Economics*, 86(2): 222-35.
- Dickinson, David L. (2003) "An Illustrated Example of the Effects of Risk Preferences and Expectations on Bargaining Outcomes." *Journal of Economic Education*, 33(2): 169-180.
- Bailey, DeeVon, Eluned Jones, and David L. Dickinson (2002) "Knowledge Management: A New Frontier in the Global Food System: Knowledge Management and Comparative International Strategies on Vertical Information Flow in the Global Food System." *American Journal of Agricultural Economics*, 84(5) (December 2002): 1337-1344.
- Dickinson, David L., and J. Tiefenthaler (2002) "What is Fair? Experimental Evidence." *Southern Economic Journal*, 69(2): 414-28.
- Dickinson, David L., and DeeVon Bailey (2002) "Meat Traceability: Are U.S. Consumers Willing To Pay for It?" *Journal of Agricultural and Resource Economics* 27(2): 348-364.
- Dickinson, David L. (2002) "A Bargaining Experiment to Motivate Discussion on Fairness." *Journal of Economic Education*, 33(2): 136-51.
- Dickinson, David L., and R. Verbeek (2002) "Wage Differentials between College Graduates With and Without Learning Disabilities." *Journal of Learning Disabilities*, 35(2): 175-184.
- Dickinson, David L. (2001) "The Carrot vs. the Stick in Work Team Motivation" *Experimental Economics*, 4(1): 107-124.
- Dickinson, David L. (2000) "Ultimatum Decision-Making: A Test of Reciprocal Kindness." *Theory and Decision*, 48: 151-177.
- Dickinson, David L. (1999) "An Experimental Examination of Labor Supply and Work Intensities." *Journal of Labor Economics*, 17(4), part 1: 638-670.
- Dickinson, David L., and R. Mark Isaac (1998) "Absolute and Relative Rewards for Individuals in Team Production." *Managerial and Decision Economics*, 19: 299-310
- Dickinson, David L (1998) "The Voluntary Contributions Mechanism with Uncertain Group Payoffs." *Journal of Economic Behavior and Organization*, 35(4): 517-33.

#### **OTHER PUBLICATIONS/POSTERS/CONFERENCE PAPERS/BOOK CHAPTERS**

- Dickinson, David L. (2021) "Sleep and Decision Making" forthcoming in Chaudhuri, Ananish (Ed.) *A Research Agenda for Experimental Economics*, Elgar Research Agenda Series, Cheltenham, UK: Edward Elgar. ISBN: 978 1 78990 984 5
- Dickinson, David L. (2014) "Dispute Resolution: The importance of Procedural details and information in determining a procedure's usefulness." in *IZA World of Labor*. Edited by K.F. Zimmermann. DOI 10.15185/izawol.71
- Dickinson, David L. and Todd McElroy (2010) "Paper Airplane Producers: Morning types vs. Evening types." *Annals of Improbable Research*, 16(1): 10-12.



- Kaur, S., McKenna, B.M., Dickinson, D.L., Drummond, S.P.A. (2010) "Gender differences in the impact of sleep deprivation on risky decisions." Abstract in *Sleep*, 33(suppl), pA92.
- Drummond, S.P.A., Jonelis, M.B., McKenna, B.S., Wang, R., Dickinson, D.L. (2009) "Impact of Sleep Deprivation on Decision Making: Behavior and Brain Function." Poster presented at the Military Health Research Forum, September 1, 2009.
- Cherry, Todd, and David L. Dickinson. (2008) "The Effect of Multiple Public Goods on Voluntary Contributions." in Experimental Methods, Environmental Economics, eds, Todd Cherry, Jason Shogren, Stephan Kroll: Routledge publishers, pp. 184-93.
- Drummond, S.P.A., Dickinson, D.L., Orff, H.J., McKenna, B.S. (2006) "Risk tolerance and decision making during total sleep deprivation." *Sleep*, 29(suppl1): A139.
- Dickinson, David L. and DeeVon Bailey (2002) "A Comparison Between U.S. and European Consumer Attitudes and Willingness to Pay for Traceability, Transparency, and Assurance for Port Products." In *Paradoxes in Food Chains and Networks* – Proceedings of the 5<sup>th</sup> International Conference on Chain and Network Management in Agribusiness and the Food Industry. Wageningen Academic Publishers, pp. 229-37
- Dickinson, David L. (2000) "Using Experiments to Highlight the Fairness/Efficiency Distinction." In proceedings of *Economics and the Classroom Conference*: Irwin/McGraw-Hill, pp. 51-61.

**INVITED PRESENTATIONS (Econ dept. research seminar, unless otherwise noted)**

- 2022: Baylor University; Florida Gulf Coast University (dept of Psychology); GATE – University of Lyon and CNRS affiliated; University of Luxembourg (Experiments, Ethics and Economics seminar series)
- 2021: University of Rennes.
- 2020: Monash University (sleep, circadian, and cognitive neuroscience seminar); Eudaimonia Institute (Wake Forest University); University of Arkansas (virtual seminar).
- 2019: Chapman University (Economic Science Institute); University of Queensland; University of New South Wales; University of Auckland; University of Montpellier (Center for Environmental Economics).
- 2018: Monash University; University of Rennes 1 (Workshop in Experimental Economics: Risk, Responsibility and Behavior); Utah State University
- 2017: LISER labor economics institute (Luxembourg); GATE – University of Lyon and CNRS affiliated; Monash University (sleep and cognitive neuroscience seminar); Monash University (economics department seminar); Queensland University of Technology (Brisbane); Psychonomics Workshop (Konstanz, Germany); University of East Anglia; Middlesex University.
- 2016: Chapman University (Economic Science Institute); University of Luxembourg (Institute for Health and Behavior); Appalachian State University; George Mason University; Texas A&M.

- 2015: University of Auckland; University of Canterbury; University of Sydney; University of Technology Sydney; Monash University (sleep and cognitive neuroscience seminar)
- 2014: North Carolina State University; Chapman University; Florida Gulf Coast University; UC-San Diego (Sleep and Behavioral Neuroscience seminar), University of Rennes (France).
- 2013: University of Rennes (France); GATE – University of Lyon and CNRS (France) affiliated.
- 2012: University of Rennes (France); Appalachian State University.
- 2011: Davidson College (invited general lecture to Economics Majors); University of Rennes (France); University of Luxembourg (Dept. of Law, Economics, and Finance). Appalachian State University.
- 2010: JECO (*Journées de l'économie*). Invited speaker and panelist for session on “Emotions and Economic Decisions” (Lyon, France); GATE—University of Lyon and CNRS affiliated; University of Rennes (France).
- 2009: Invited symposium presentation at *SLEEP 2009* – the annual meetings of the Associated Professional Sleep Societies, LLC (APSS) (Seattle, WA); Davidson College (invited general lecture to Economics Majors); George Mason University (ICES lecture); Emory University; Appalachian State University (general lecture series on health related research)
- 2008: GATE – University of Lyon and CNRS affiliated; University of Luxembourg (Dept. of Law, Economics, and Finance); University of Calgary (Psychology dept. seminar); University of Arizona (Institute for Behavioral Economics); UC-San Diego (Sleep and Behavioral Neuroscience seminar); Davidson College (invited general lecture to Economics Majors)
- 2007: United States Air Force Academy (Behavioral Science and Leadership/Economics departments brown bag seminar); Virginia Commonwealth University; Utah State University
- 2006: Quinnipiac-Yale Dispute Resolution Workshop; UC-San Diego (Sleep and Behavioral Neuroscience seminar); GATE – University of Lyon and CNRS affiliated; TEAM – University of Paris (Sorbonne/Pantheon) and CNRS affiliated
- 2005: University of Alabama; University of Calgary; Appalachian State University
- 2004: GATE – University of Lyon and CNRS affiliated; Appalachian State University
- 2003: Florida State University; University of Arkansas; Utah State University
- 2002: GATE – University of Lyon and CNRS affiliated; University of Saskatchewan (department of Agricultural Economics)
- 2001: University of Arizona; Utah State University; CIRANO (University of Montreal affiliated); Colgate University/Hamilton College
- 2000: University of Arizona
- 1999: Colgate University/Hamilton College; Utah State University

#### **CONFERENCE/WORKSHOP PRESENTATIONS**

- 2022 *Economic Science Association* fall regional meetings in Santa Barbara, CA.

- 2022 *Society for the Advancement of Behavioral Economics*, Lake Tahoe, NV.
- 2021 *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2019 *Economic Science Association* fall regional meetings in Los Angeles, CA.
- 2018 *IMEBESS* meetings at the European University Institute in Florence, Italy:  
*Economic Science Association* fall regional meetings in Antigua, Guatemala.
- 2017 *Southern Economic Association* meetings in Tampa, FL
- 2016 *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2015 *Society for Judgment and Decision Making*, Chicago, IL.
- 2014 *Society for Judgment and Decision Making*, Long Beach, CA.
- 2014 *Appalachian Regional Business Symposium*, Johnson City, TN.
- 2013 *Economic Science Association* fall regional meetings in Santa Cruz, CA.
- 2013 *Florence Workshop on Experimental Economics*, Florence, Italy
- 2012 *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2011 *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2010 *National Science Foundation* Human and Social Dynamics awardee conference in Washington, D.C.
- 2010 *Economic Science Association* international meetings in Copenhagen, Denmark.
- 2009 *Economic Science Association* international meetings in Washington, D.C..
- 2008 *Economic Science Association* fall European meetings at GATE (Lyon, France).
- 2007: *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2007: *Economic Science Association* international meetings in Rome, Italy.
- 2006: *Economic Science Association* fall regional meetings in Tucson, AZ.
- 2006: *Economic Science Association* international meetings in Atlanta, Georgia.
- 2005: *Economic Science Association* international meetings in Montreal, Canada
- 2004: *Economic Science Association* international meetings in Amsterdam, the Netherlands.
- 2003: *6<sup>th</sup> Annual Japanese-American Frontiers of Science Symposium*. Kanagawa, Japan. Poster presentation as invited participant by National Academy of Sciences.
- 2003: *Economic Science Association* regional meetings in Tucson, AZ.
- 2003: *Society for the Advancement of Behavioral Economics*, annual meetings in Lake Tahoe.
- 2003: *Economic Science Association* international meetings in Pittsburgh, PA.
- 2001: *Economic Science Association* regional meetings in Tucson, AZ.
- 2001: *Economic Science Association* annual meetings, Barcelona, Spain.
- 2001: *Western Economic Association* annual meetings, San Francisco, California.
- 2000: *Economic Science Association* annual meetings, New York, New York.
- 2000: *Western Economic Association* annual meetings, Vancouver, B.C., Canada.
- 2000: *Economics in the Classroom* meetings, Pocatello, Idaho.
- 1999: *Economic Science Association* Fall meetings, Grenoble, France.
- 1998: *Economic Science Association* Fall meetings, Tucson, AZ.
- 1997: *Economic Science Association* Fall meetings, Tucson, AZ.
- 1996: *Economic Science Association* Fall meetings, Tucson, AZ.

-1996: *Public Choice Meetings*, Houston, TX.

-1995: *Economic Science Association Fall meetings*, Tucson, AZ.

#### **OTHER/PROFESSIONAL SERVICE**

- Ad Hoc journal article reviewer for: *Science; Nature Human Behaviour; PLOS ONE; PLOS Biology; American Economic Review; Journal of Political Economy; Quarterly Journal of Economics; Review of Economic Studies; The Economic Journal; Games and Economic Behavior; Experimental Economics; Journal of Labor Economics; European Economic Review; Industrial and Labor Relations Review; Psychological Science; Journal of Neuroscience, Psychology, and Economics; Journal of Law, Economics, and Organization; Journal of Economic Behavior and Organization; Psychological Science; Theory and Decision; Economic Inquiry; Management Science; Journal of Public Economics; Economic Theory; Journal of Economic Psychology; Public Choice; Journal of the Economic Science Association, The Journal of Legal Studies; International Review of Law and Economics; Southern Economic Journal; Journal of Socio-Economics; Journal of Public Economic Theory; Journal of Agricultural and Resource Economics; Labour Economics; International Game Theory Review; Games; Managerial Economics; Journal of Conflict Resolution; Eastern Economic Journal; B.E. Press Journal of Economic Analysis and Policy; Judgment and Decision Making; Social Choice and Welfare; Journal of Empirical Legal Studies; Economics and Human Behavior; Revue Economique; Journal of Behavioral and Experimental Economics; European Review of Agricultural Economics; Journal of Politics; Financial Analyst Journal.*
- Ad Hoc grant proposal reviewer for: *The National Science Foundation, Social Sciences and Humanities Research Council of Canada*
- Special Editor for Research in Experimental Economics, Volume 6.
- Podcast interview for the Emergency Medical Service Agency Research Network for Quality and Safety Improvement (EMSARN).
- Live (in Spanish) interview for Blu Radio (Bogotá, 2017)