

Curriculum Vitae

Joshua A. Weller

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Education

Ph.D. Personality & Social Psychology, Department of Psychology, University of Iowa, Iowa City, IA 52240, 2007.

B.A., Psychology, Lehigh University, Cum Laude, Bethlehem, PA 18015, 1995.

Research Experience

Research Scientist, Decision Research, Eugene, OR; July, 2007- present.

Courtesy Research Associate, Institute for Cognitive and Decision Science, University of Oregon, Eugene, OR; July, 2008- present.

Principal Research Assistant, Iowa Judgment and Decision Science Lab (Dr. Irwin Levin, Ph.D., PI) Spring, 2003- June, 2007.

Research Assistant, Iowa Personality Lab (Dr. David Watson, PI), University of Iowa, Spring, 2002- June, 2007.

Research Assistant, University of Iowa Adult Attachment Lab (Dr. Eva Klohnen, PI), University of Iowa, Fall, 2000- Summer, 2004.

Teaching Experience

Adjunct Professor, Judgment and Decision Making (Advanced undergraduate/graduate level), University of Oregon, Eugene, OR, Fall, 2010.

Adjunct Professor, Social Psychology (Advanced undergraduate/graduate level), University of Oregon, Eugene, OR, Fall, 2009.

Instructor, Introduction to Social Psychology, University of Iowa, Iowa City, IA, Fall, 2006.

Adjunct Professor, Introduction to Psychology, Coe College, Cedar Rapids, IA; Spring, 2006.

Instructor, Social Cognition, University of Iowa, Summer, 2004.

Teaching Assistant, Social Psychology, University of Iowa, Spring, 2004, Fall, 2003, Spring, 2001.

Instructor, Personality, University of Iowa, Summer, 2003.

Teaching Assistant, Evaluating Psychological Research, University of Iowa, Spring, 2003.

Executive Teaching Assistant, Elementary Psychology, University of Iowa, Spring, 2002, Fall, 2002.

Instructor, Elementary Psychology, university of Iowa, Summer, 2001.

Teaching Assistant, Elementary Psychology, University of Iowa, Fall, 2000.

Grants

PI, on grant from the National Science Foundation ('Chronic Stress and Decision Making: A Lifespan Psychology Approach'), \$ 277,976, 2008-2011.

PI, on grant from American Automobile Association Foundation ('Psychological Foundations of Traffic Safety Culture: A Multilayered Approach to Risk Perception'), \$199,957, 2008-2010.

Co-PI, on grant from the National Science Foundation ('Development of Individual Differences in Decision Biases, Phase II: Decision Making Competence in Children'), \$395,553, 2007-2010.

PI, on grant (R21) from National Institute of Drug Abuse ('Risky Decision Making in Girls w/foster care involvement: prevention implications'), \$275,000, 2010-2012.

Publications

Weller, J.A., Levin, I.P., Rose, J.P., & Bossard, E. (in press). Assessment of Decision Making Competence in Preadolescence. *Journal of Behavioral Decision Making*.

Weller, J.A., Levin, I.P., & Denburg, N. (2010). Trajectory of Advantageous Decision Making for Risky Gains and Losses from Ages 5 to 85. *Journal of Behavioral Decision Making*. DOI: 10.1002/bdm.690

Weller, J.A., & Tikir, A. (2010). Predicting domain-specific risk taking with the HEXACO personality structure. *Journal of Behavioral Decision Making*. DOI: 10.1002/bdm.677

Weller, J.A., Levin, I.P., & Bechara, A. (2010). Do individual differences in Iowa Gambling Task performance predict adaptive decision making for risky gains and losses? *Journal of Clinical and Experimental Neuropsychology*, 32, 141-150.

Weller, J. A., Levin, I.P., Shiv, B., & Bechara, A. (2009). The effects of insula damage on advantageous decision making for risky gains and losses. *Social Neuroscience*, 4, 347-358.

Xue, G., Lu, Z., Levin, I.P., Weller, JA, Li, X. & Bechara, A. (2009). Functional dissociations of dorsal and ventral medial prefrontal cortex in risky decision making. *Cerebral Cortex*, 19, 1019 - 1027.

Weller, J. A. & Watson, D. (2009). Friend or Foe? Differential use of the self-based heuristic as a function of relationship satisfaction, *Journal of Personality*, 77, 731-760.

Denburg, N., Weller, J.A., Kaup, A.R., Yamada, T., LaLoggia, A., Bechara, A. & Tranel, D. (2009). Poor decision-making among older adults: Neuroticism moderates effects of aging. *Annals of Behavioral Medicine*, 37, 164-172.

Weller, J. A., Levin, I. P., Shiv, B. & Bechara, A. (2007). Neural correlates of adaptive decision making for risky gains and losses. *Psychological Science*, 18, 958-964.

Levin, I.P., Weller, J.A., Pederson, A., & Harshman, L. (2007). Age-related differences in adaptive decision making: Sensitivity to expected value in risky choice. *Judgment and Decision Making*, 2, 225-233.

Levin, I. P., Hart, S. S., Weller, J. A., & Harshman, L. (2007). Stability of choices in a risky decision making task: A 3-year longitudinal study with children and adults. *Journal of Behavioral Decision Making*, 20, 241-252.

Klohnen, E. C., Weller, J. A., Luo, S., & Choe, M. H. (2005). Organization and predictive power of general and relationship-specific attachment models: One for all, and all for one? *Personality and Social Psychology Bulletin*, 31, 1665-1682.

Levin, A., Levin, I. P., & Weller, J. A. (2005). A multi-attribute analysis of preferences: Differences across products, consumers, and shopping stages. *Journal of Electronic Commerce Research*, 6, 281-290.

Technical Reports

Weller, J.A., Dieckmann, N., Mauro, R., & Slovic, P. (2010). *Psychological Foundations of Traffic Safety Culture*. Submitted to the American Automobile Association's Foundation for Traffic Safety.

Book Chapters

Peters, E., Dieckmann, N., & Weller, J.A. (in press). Age Differences in Complex Decision Making. In K.W. Schaie & S. Willis (Eds.) *Handbook of the Psychology of Aging*, 7th Edition. Oxford: Elsevier.

Commentary

Levin, I.P., Weller, J.A., & Bossard, E.A. (in press). Commentary, to appear in M.K. Dhami, M. Waldmann & A. Schlotmann (Eds.) *Judgment and Decision Making as a Skill: Learning, Development and Evolution*. Cambridge: Cambridge University Press.

Conference Proceedings

Levin, I. P., Bechara, A., Shiv, B., Weller, J.A. (2005). *New Methods in Decision Neuroscience and their Application to Cross-Cultural Consumer Studies*.

Conference proceedings from talk presented at the International Business and Economics Conference, Honolulu, Hawaii.

Manuscripts under Review/ In-progress Projects

Under Review:

Levin, I.P., Weller, J.A., Lauriola, M., Xue, G., & Bechara, A. (under review). *A Neuropsychological Approach to Understanding Risk-Taking for Potential Gains and Losses.*

Rose, J. P., Levin, I.P., Weller, J.W., & Bossard, E. (under review). *Comparison of Norm Perception Biases between Children and Their Parents.*

Sanchez-Navarro, J.P., Martinez- Selva, J.M., & Bechara, A. (under review). *Risky Decision Making in Borderline Personality Disorder: A Comparison of Framing and Reflection Effects.*

Weller, J.A., Peters, E., Dieckmann, N., Tusler, M., & Mertz, CK (under review). *Development of a Number Ability in Decision Making Scale: A Rasch Analysis Approach.*

Weller, J.A., Shackelford, C., Dieckmann, N., & Slovic, P. (under review). *A Ringing Phone has to be Answered, Doesn't it? Psychological Attachment to One's Phone and Distracted Driving Behaviors.*

In Preparation:

Sanchez-Navarro, J.P., Weller, J.A., Martinez- Selva, J.M., & Bechara, A. (in preparation). *Effects of Incidental Emotions on Decision-making under Varying Levels of Uncertainty.*

Thulin, E. & Weller, J.A. (in preparation). *Honesty/Humility and Risky Decision Making for Potential Gains and Losses.*

Weller, J.A., & Fisher, P. (in preparation). *Assessing the Impact of Early Adversity on Advantageous Decision Making for Risky Gains and Losses.*

Weller, J.A. & Denburg, N. (in preparation). *Why Worry? Negative Emotionality Moderates the Age-Decision Making Link.*

Weller, J.A., Dieckmann, N., Mauro, R., & Slovic, P. (in preparation). *Development of a Distracted Driving Risk Appreciation Scale.*

Weller, J.A., Figner, B., & Denburg, N. (in preparation). *"Hot" and "Cold" Decision Making in Older Adults.*

Manuscripts under Review/ In-progress Projects (continued)

Weller, J.A., Morganstern, A., Shackelford, C., Buchanan, T., & Denburg, N. (in preparation). *Impact of Chronic Stress and Aging on Decision Making: Does Stress Accentuate Age-Related Differences in Risky Decision Making?*

Weller, J.A., & Leve, L. (in preparation). *Predictors of Risky Decision Making in a Sample of substance-abusing Women.*

Invited Talks

Neural Correlates of Risky Decision Making (2010). Talk presented for the Department of Psychobiology and Human Anatomy, Universidad de Murcia, Murcia, Spain, March 23, 2010.

Risky Decision Making across the Lifespan (2010). Talk presented for the Department of Psychobiology and Human Anatomy, Universidad de Murcia, Murcia, Spain, March 24, 2010.

Chaired Symposia

Studying decision-making competence in high-risk populations: Implications for basic and translational research (2011). Symposium to be presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec; Canada.

What cultural factors are perpetuating teen driver distraction and how can teen driver distraction be reduced by changing culture? (2010). Session Chair at the 2010 National Rural Traffic Safety Summit, Big Sky, MT.

Development of decision-making competence: Behavioral and neuropsychological evidence (2009). Symposium presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Presentations

Weller, J.A., & Denburg, N. (2009). *Negative emotionality moderates the age-decision making link: Or: How I learned to stop worrying and make advantageous choices.* Presented at the biennial meeting of the European Academy of Decision Making (SPUDM). Rovereto, Italy.

Weller, J.A., Levin, I.P., & Denburg, N. (2009). *Developmental differences in adaptive decision making across the lifespan from 5 to 85.* Paper presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.

Weller, J.A., Levin, I.P., Shiv, B. & Bechara, A. (2007). *Neural correlates of adaptive decision making across decision domain: do losses loom larger than gains?* Paper presented at the conference on Cognition and Emotion in Economic Decision Making, Rovereto, Italy.

- Weller, J.A., Levin, I.P., Bechara, A., & Shiv, B. (2006). *Current developments in decision neuroscience*. Paper presented as part of a symposia at the annual Behavioral Decision Research for Management (BDRM) conference, Los Angeles, CA.
- Weller, J. A., Levin, I. P., Bechara, A., & Shiv, B (2005). *A decision neuroscience study of the role of emotion in decisions under varying levels of risk and ambiguity*. Paper presented at the European Academy of Decision Making biennial Subjective Probability, Utility, and Decision Making (SPUDM20) conference, Stockholm, Sweden.
- Weller, J. A. (2005). *The interplay between affect and cognition in decision making: Comparing emotionally- impaired patients and controls*. Paper presented at departmental brown-bag series, University of Iowa Psychology department, April 1, 2005.
- Weller, J. A., Levin, I. P., Bechara, A., & Shiv, B (2005). *Affect and risky decision making: A decision neuroscience approach*. Paper presented at the Midwestern Psychological Association's annual conference, Chicago, IL.
- Weller, J. A., Watson, D., & Shiv, B. (2003). *Predicting preferences through conflict: Is the enemy inside?* Presentation delivered at annual Midwestern Marketing Camp, Ohio State University, Columbus, OH.

Selected Poster Presentations

- Weller, J.A., Levin, I.P., and Denburg, N. (2008). *Charting the developmental trajectory of adaptive decision Making across the lifespan from 5 to 85*. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Chicago, IL.
- Weller, J. A., Levin, I. P., Bechara, A., & Shiv, B (2008). *The effects of insula damage on adaptive decision making for risky gains and losses*. Poster presented at the Judgment and Decision Making pre-conference at the annual meeting of the Society for Personality and Social Psychology, Albuquerque, NM.
- Weller, J.A., Denburg, N. L., Kaup, A.R., Yamada, T., & Bechara, A.(2006). *Neuroticism moderates poor decision making among older adults*. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Houston, TX.
- Weller, J. A., Levin, I. P., Bechara, A., & Shiv, B (2006). *The role of emotion in the reflection effect: evidence from lesion studies*. Poster presented at Judgment and Decision Making Pre-conference at the annual meeting of the Society for Personality and Social Psychology, Palm Springs, CA.

Weller, J. A., Levin, I. P., Bechara, A., & Shiv, B (2005). *A comparison of risky decision making between emotionally impaired patients and controls: A study in decision neuroscience*. Poster presented at the annual conference for the Society of Personality and Social Psychology, New Orleans, LA.

Weller, J. A., Kotov, R., Bellman, S. B. (2003). *The association between trait suggestibility and decision making*. Poster presented at the annual meeting for the Society of Judgment and Decision Making, Vancouver, BC.

Levin, A., Weller, J. A., & Levin, I. P. (2003). *Multi-attribute model for online/offline shopping preferences: An examination of individual differences factors that influence shopping preferences*. Poster presented at the Association for Consumer Research annual conference, Toronto, ON.

Weller, J. A., Watson, D., & Bobier, D. (2003). *Are we sleeping with the enemy? The role of the self-based heuristic on judgments of disliked individuals*. Poster presented at the Society for Personality and Social Psychology 3rd annual conference, Los Angeles, CA.

Weller, J. A. & Klohnen, E. C. (2002) *A social cognitive approach to internal working models of attachment*. Poster presented at Society for Personality and Social Psychology 2nd annual conference, Savannah, GA.

Awards and Honors

Competitive Travel Award, December, 2006. Conference on Cognition and Emotion in Economic Decision Making, January, 2007.

Honorable Mention, Outstanding Graduate Student as Mentor Award, March, 2006

Competitive Travel Award, Judgment and Decision Making Pre-conference at the Annual Meeting for the Society for Personality and Social Psychology, January, 2006.

Graduate College Social Science Dissertation- Year Fellowship, University of Iowa, 2005-06

University of Iowa Student Government Travel Grant, University of Iowa, Fall 2003

Departmental Graduate Student Travel Grant, University of Iowa, Fall 2003

Graduate Student Senate Travel Grant, University of Iowa, Fall 2003

Departmental Graduate Student Travel Grant, University of Iowa, Spring 2003

2002 WebShop Grant Recipient, University of Maryland, Summer 2002

Departmental Graduate Student Travel Grant, University of Iowa, Spring 2002

Departmental Honors, Lehigh University 1995

Cum Laude, Lehigh University 1995

Orin T. Leach Scholar, Lehigh University, Fall 1991- Spring 1995

Service

Faculty advisor, Graduate-level directed reading, "Current Topics in Decision Making," University of Oregon, Winter 2010-2011.
Faculty advisor, Graduate-level directed reading, "Psychological Foundations of Risk," University of Oregon, Fall 2009.
Coordinator, Judgment and Decision Making Focus Group, University of Oregon, Fall 2009.
Judge, Student Poster Competition, Society for Judgment and Decision Making Annual Meeting, 2008-2010.
Voting Group Member, Decision Research, September, 2008-present.
Graduate Student Mentor, University of Iowa, 2005-2007.

Professional Activities and Memberships

Editorial Board, Journal of Behavioral Decision Making

Ad hoc Reviewer, Current Directions in Psychological Science
Developmental Psychology
Health Psychology
Journal of Applied Gerontology
Journal of Behavioral Decision Making
Journal of Economic Psychology
Journal of Personality
Neuropsychologia
Neuropsychology
Neuroscience Letters
Organizational Behavior and Human Decision Processes
Personality and Individual Differences
Psychological Science
Review of Financial Economics

Peer Reviewer, National Institute of Health
National Science Foundation

Professional Activities and Memberships (continued)

Member, Society for Judgment and Decision Making
European Academy of Decision Making
Society for Research in Child Development
Society for Neuroeconomics