

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, University of Oregon, Eugene, OR; July, 2008-present.
Courtesy Research Associate, University of Iowa, Iowa City, IA; January, 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, 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 National Institute of Drug Abuse ('Risky Decision Making in Girls w/foster care involvement: prevention implications'), \$275,000, 2009-2011.

PI, on grant from the National Science Foundation ('Chronic Stress and Decision Making: A Lifespan Psychology Approach'), \$ 277,976, 2008-2010.

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.

Pending Grant Applications

PI, on grant proposal from National Science Foundation, ('The Role of Affect in Risk Perceptions of Distracted Driving: Tracking Risk Attitudes in Response to Cell-Phone Ban Legislation')

Publications

Weller, J. A., Levin, I. P., & Denburg, N. (in press). Trajectory of risky decision making for potential gains and losses from ages 5 to 85. *Journal of Behavioral Decision Making*.

Weller, J. A., & Tikir, A. (2010). Predicting domain-specific risk taking with the HEXACO personality structure. *Journal of Behavioral Decision Making*. Advance online publication. Doi: 10.1002/bdm.667

Weller, J. A., Levin, I. P., & Bechara, A. (2009). 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 decision-making for risky gains and losses. *Social Neuroscience*, *4*, 347-358.

Xue, G., Lu, Z., Levin, I. P., Weller, J. A., Li, X., & Bechara, A. (2009). Functional dissociations of risk and reward processing time in the prefrontal cortex. *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. L., Weller, J. A., Yamada, T. H., Shivapour, D. M., Kaup, A.R, et al. (2009). Poor decision-making among older adults is related to elevated levels of neuroticism. *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. (2009). *Psychological Foundations of Traffic Safety Culture*. Submitted to the American Automobile Association's Foundation for Traffic Safety.

Manuscripts under Review/In Preparation

Weller, J.A., Peters, E., Dieckmann, N., Tusler, M, & Mertz, CK (under review). *Development of a short-form numeracy scale: A Rasch analysis approach*.

Weller, J.A., Dieckmann, N., Mauro, R., & Slovic, P. (under review). *Cell phone use while driving: The Dark side of psychological attachment to products*.

Newman, L.I., Polk, T.A., Lee, K., Preston, S.D., Weller, J.A., & Bechara, A. (in preparation). *A Reexamination of decision making in the Iowa Gambling Task: Not everyone plays the same game*.

Weller, J.A. & Denburg, N. (in preparation). *Why worry? Negative emotionality moderates the age-decision making link.*

Current Projects in Progress

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

Weller, J.A., & Fisher, P. (in preparation). *Decision Making for Risky Gains and Losses in a Foster Care Sample.*

Weller, J.A., & Leve, L. (in preparation). *Predictors of Risky Decision Making in a Sample of Substance-Abusing Mothers.*

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

Weller, J.A. & Boerstler, C. (in preparation). *Can Numeracy Predict Participation in Fantasy Sports?*

Book Chapters

Peters, E., Dieckmann, N., & Weller, J.A. (in press). Decision making in older adults.

Chaired Symposia

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.

Invited Talks

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

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, January 26-27th, 2007.
- 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.

Research Interests

Human decision processes across the lifespan, particularly the link between age-related cognitive and emotional changes and decision-making competence.

Neural correlates of decision making, with an emphasis on the emotional substrates of uncertainty judgments, particularly attitudes towards risk.

Individual differences in personality and their associations with decision-making processes.

Associations between decision-making competence and maladaptive real-life behaviors in adolescences, such as health-risking sexual behavior, substance abuse, and deviant peer associations.

Understanding the antecedents of adaptive decision making in risks to achieve gains versus risks to avoid losses.

Person perception, with a focus on how affect influences interpersonal judgments such as assumed similarity.

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-oriented Activities

Faculty advisor, Graduate-level directed reading, 'Psychological Foundations of Risk, University of Oregon, Fall 2009

Facilitator, Judgment and Decision Making Focus Group, University of Oregon, Fall 2009.

Voting Group Member, Decision Research, September, 2008-present.

Graduate Student Mentor, University of Iowa 2005-2007.

Invited Discussant, "Mentoring as a Graduate Student" (2006). 8th Annual James F. Jakobsen Graduate Forum, University of Iowa.

Invited Discussant, "Teaching Assistant Orientation", (2003; 2004). Graduate Student Orientation, Department of Psychology, University of Iowa.

Professional Activities and Memberships

Ad hoc reviewer, *Cognitive, Affective, and Behavioral Neuroscience*
Developmental Psychology

Journal of Applied Gerontology

Journal of Behavioral Decision Making

Journal of Economic Psychology

Journal of Personality

Neuropsychologia

Neuropsychology

Organizational Behavior and Human Decision Processes

Personality and Individual Differences

Review of Financial Economics

Member,

Society for Judgment and Decision Making
European Academy of Decision Making
Society for Personality and Social Psychology
Society for Neuroeconomics
Society for Research in Child Development