

Eric J. Pedersen

Curriculum Vitae

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PERSONAL INFORMATION

Address: Department of Psychology
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EDUCATION

2015 Ph.D. in Psychology, University of Miami
Emphasis: Evolution and Behavior
2012 M.S. in Psychology, University of Miami
2010 B.A. in Psychology, University of California, Santa Barbara

EMPLOYMENT

2015 – Present Postdoctoral Fellow, Department of Psychology
University of Miami
2016 – Present Lecturer, Department of Biochemistry and Molecular Biology
University of Miami Miller School of Medicine

FUNDED GRANTS

2015 *Gratitude: Evolved Function and Computational Structure.* John Templeton Foundation/University of California at Berkeley Greater Good Science Center Gratitude Postdoctoral Fellowship (\$147,624)
2012 *Third-Party versus Second-Party Punishment: What's the difference?* American Psychological Association of Graduate Students (APAGS) Basic Psychological Science Research Grant (\$1000)

- 2011 *Bystander Punishment: Are Humans Motivated to Punish as Third Parties?* NSF Graduate Research Fellowship (\$120,000)
- 2011 University of Miami, Department of Psychology Fred C. and Helen Donn Flipse Research Support Fund (\$1000)

AWARDS

- 2014 University of Miami, Department of Psychology S. T. Calvin Award for Excellence in the Application of Statistical Methods

PUBLICATIONS

- Forster, D. E., **Pedersen, E. J.**, Smith, A., Lieberman, D., & McCullough, M. E. (2016). Benefit valuation predicts gratitude. *Evolution and Human Behavior*.
- Carter, E. C., **Pedersen, E. J.**, & McCullough, M. E. (2015). Reassessing impulsive choice: Human decision-making is more optimal in a foraging task than in a self-control task. *Frontiers in Psychology, 6*, 95.
- Pedersen, E. J.**, Forster, D. E., & McCullough, M. E. (2014). Life history, code of honor, and emotional responses to inequality in an economic game. *Emotion, 14*, 920-929.
- McCullough, M. E., **Pedersen, E. J.**, Tabak, B. A., & Carter, E. C. (2014). Conciliatory gestures promote forgiveness and reduce anger in humans. *Proceedings of the National Academy of Sciences, 111*, 12111-12116.
- Tabak, B. A., McCullough, M. E., Carver, C. S., **Pedersen, E. J.**, & Cuccaro, M. L. (2014). Variation in oxytocin receptor gene (OXTR) polymorphisms is associated with emotional and behavioral reactions to betrayal. *Social Cognitive and Affective Neuroscience, 9*, 810-816.
- Pedersen, E. J.**, Kurzban, R., & McCullough, M. E. (2013). Do humans really punish altruistically? A closer look. *Proceedings of the Royal Society B: Biological Sciences, 280*(1758).
- Pedersen, E. J.**, Smith, A., & Lieberman, D. (2013). Evolutionary psychology. In R. J. McGee & R. L. Warms (Eds.) *Theory in Social and Cultural Anthropology: An Encyclopedia*, (pp. 246-250). Thousand Oaks, CA: Sage Publications.
- McCullough, M. E. & **Pedersen, E. J.** (2013). The evolution of generosity: How natural selection builds devices for benefit delivery. *Social Research, 80*, 387-410.

McCullough, M. E., **Pedersen, E. J.**, Schroder, J., Tabak, B. A., & Carver, C. S. (2012). Harsh childhood environmental characteristics predict exploitation and retaliation in humans. *Proceedings of the Royal Society B: Biological Sciences*, 280(1750).

Krasnow, M. M., Cosmides, L., **Pedersen, E. J.**, & Tooby, J. (2012). What are punishment and reputation for? *PLoS ONE* 7(9): e45662.

MANUSCRIPTS UNDER REVIEW OR IN PREPARATION

Pedersen, E. J., McAuliffe, W. H. B., & McCullough, M. E. (under review). Welfare interdependence, anger, and the regulation of third-party punishment: A net cost model.

Smith, A., **Pedersen, E. J.**, Forster, D. E., McCullough, M. E., & Lieberman, D. (under review). Cooperation: The roles of interpersonal value and gratitude.

Paukner, A., **Pedersen, E. J.**, & Simpson, E. A. (under review). Testing the arousal hypothesis of neonatal imitation in infant rhesus macaques. *Revise and resubmit at Developmental Psychobiology*.

Forster, D. E., **Pedersen, E. J.**, & McCullough, M. E. (under review). Humans are not more likely to trust smilers than non-smilers in a binary trust game.

Pedersen, E. J., McAuliffe, W. H. B., & McCullough, M. E. (in prep). The unresponsive avenger: Third parties don't usually punish on behalf of strangers but they think they would.

Pedersen, E. J., McAuliffe, W. H. B., Shah, Y., Ohtsubo, Y., Muluk, H., & McCullough, M. E. (in prep). Do third parties punish outside of the lab? A cross-cultural field study.

Hone, L.S.E., McCullough, M. E., Carter, E. C., & **Pedersen, E. J.** (in prep). Religious reproductive theory versus religious prosociality theory: Five experimental and correlational tests.

INVITED TALKS

Beyond economic games: Do third parties punish in more realistic settings? Annual meeting of the Society for Personality and Social Psychology Evolutionary Psychology Preconference, San Diego, CA, January, 2016.

What is the function of third-party punishment in humans? Department of Psychological and Brain Sciences, University of California, Santa Barbara, January, 2015.

Second-party and third-party punishment: An adaptationist view. Nuffield College Sociology Seminar Series, University of Oxford, April, 2014.

CONFERENCE PRESENTATIONS

- Pedersen, E. J.**, McAuliffe, W. H. B., & McCullough, M. E. (2017, January). *Does the third-party punishment game actually measure altruistic punishment?* Paper to be presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- McCullough, M. E., McAuliffe, W. H. B., **Pedersen, E. J.**, & Forster, D. E. (2017, January). *An evaluation of the psychometric properties of the dictator game and trust game.* Paper to be presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- Pedersen, E. J.**, Forster, D. E., McCullough, M. E., & Lieberman, D. (2016, June). *A computational approach to gratitude: The roles of benefit delivery and welfare valuation.* Paper presented at the annual meeting of the Human Behavior and Evolution Society, Vancouver, BC.
- McCullough, M. E., Burnette, J., & **Pedersen, E. J.** (2016, June). *People selectively forgive valuable transgressors and low-risk transgressors.* Paper presented at the annual meeting of the Human Behavior and Evolution Society, Vancouver, BC.
- McCullough, M. E., **Pedersen, E. J.**, & McAuliffe, W. H. B. (2016, January). *The unresponsive bystander: Why doesn't he retaliate?* Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Pedersen, E. J.**, Krasnow, M. M., Cosmides, L., & Tooby, J. (2015, May). *Whom to trust and punish? How reputation is used in cooperation.* Paper presented at the annual meeting of the Association for Psychological Science, New York, NY.
- Pedersen, E. J.**, Forster, D. E., & McCullough, M. E. (2015, May). *Individual differences in endorsement of the code of honor: A life history perspective.* Paper presented at the annual meeting of the Human Behavior and Evolution Society, Columbia, MO.
- McAuliffe, W. H. B., **Pedersen, E. J.**, & McCullough, M. E. (2015, May). *Do third parties punish on behalf of strangers? Is it motivated by moral outrage?* Poster presented at the annual meeting of the Human Behavior and Evolution Society, Columbia, MO.
- Forster, D. E., **Pedersen, E. J.**, & McCullough, M. E. (2015, May). *Are smiles reliable due to receiver-dependent costs?* Poster presented at the annual meeting of the Human Behavior and Evolution Society, Columbia, MO.
- Pedersen, E. J.**, McAuliffe, W. H. B., Shah, Y., & McCullough, M. E. (2014, July). *Welfare interdependence and the regulation of third-party punishment.* Paper presented at the annual meeting of the Human Behavior and Evolution Society, Natal, Brazil.

- Forster, D. E., **Pedersen, E. J.**, Smith, A., Lieberman, D., & McCullough, M. E. (2014, July). *Relationship value as a predictor of gratitude in response to benefit delivery*. Poster presented at the annual meeting of the Human Behavior and Evolution Society, Natal, Brazil.
- Pedersen, E. J.** & McCullough, M. E. (2014, May). *Piling on: When and why do humans involve themselves in other people's conflicts?* Paper presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Diaz, K.I., Shaw, A.M., **Pedersen, E.J.**, & Timpano, K.R. (2014, March). *Anxiety sensitivity and distress tolerance as predictors of acquisition behavior: The role of emotional intolerance in an online shopping paradigm*. Poster presented at the annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
- Shaw, A. M., **Pedersen, E. J.**, & Timpano, K. R. (2014, March) *Hoarding and sadness: Does depressed mood predict saving and acquiring tendencies?* Poster presented at the annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
- Pedersen, E. J.**, Krasnow, M. M., Cosmides, L., & Tooby, J. (2014, February). *Whom to trust and punish? How reputation is used in cooperation*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- McCullough, M. E., Hone, L. S. E., Carter, E. C., & **Pedersen, E. J.** (2014, February). *Religious beliefs: Comparing reproductive religiosity theory and religious prosociality theory*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Witcraft, S. M., Shaw, A. M., **Pedersen, E. J.**, & Timpano, K. R. (2013, October) *The relationship between trauma and hoarding symptoms*. Poster presented at the annual meeting of the Society for Advancement of Chicano and Native Americans in Science, San Antonio, Texas.
- Pedersen, E. J.**, Kurzban, R., & McCullough, M. E. (2013, July). *Do humans really punish altruistically? A closer look*. Paper presented at the annual meeting of the Human Behavior and Evolution Society, Miami, FL.
- Carter, E. C., **Pedersen, E. J.**, & McCullough, M. E. (2013, July). *The ecological rationality of intertemporal choice in humans: Long-term rate maximization is context dependent*. Paper presented at the annual meeting of the Human Behavior and Evolution Society, Miami, FL.
- Forster, D. E., **Pedersen, E. J.**, & McCullough, M. E. (2013, July). *Examining the relationship between code of honor and anger at unfairness in the third-party punishment game*. Poster presented at the annual meeting of the Human Behavior and Evolution Society, Miami, FL.

Smith, A., Liberman, D., **Pedersen, E. J.**, Forster, D. E., & McCullough, M. E. (2013, July). *Gratitude and interpersonal welfare valuation*. Paper presented at the annual meeting of the Human Behavior and Evolution Society, Miami, FL.

Hone, L. S. E., McCullough, M. E., Carter, E. C., & **Pedersen, E. J.** (2013, July). *Religious cognition increases endorsements of sexual (but not cooperative) morality*. Poster presented at the annual meeting of the Human Behavior and Evolution Society, Miami, FL.

Tabak, B. A., McCullough, M. E., Carver, C. S., **Pedersen, E. J.**, & Cuccaro, M. L. (2013, January). *Variation in oxytocin receptor gene (OXTR) polymorphisms is associated with emotional and behavioral reactions to betrayal*. Paper presented at the Social Neuroendocrinology Preconference of the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Pedersen, E. J., McCullough, M. E., Schroder, J., Tabak, B. A., & Carver, C. S. (2012, June). *Childhood Exposure to Neglect, Conflict, and Crime Predict Unprovoked and Retaliatory Defection in an Iterated Prisoner's Dilemma*. Poster presented at the annual meeting of the Human Behavior and Evolution Society, Albuquerque, NM.

Pedersen, E. J., McCullough, M. E., & Tabak, B. A. (2011, January). *Neuroendocrine correlates of perceived relationship value and exploitation risk in victims of recent interpersonal transgressions*. Poster presented at the Evolutionary Psychology Preconference of the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Krasnow, M. M., **Pedersen, E. J.**, Tooby, J., & Cosmides, L. (2010, June). *What are punishment and reputation for? Critical tests*. Paper presented at the annual meeting of the Human Behavior and Evolution Society, Eugene, OR.

DEPARTMENTAL TALKS

An Introduction to Regression Models for Counts and Zero-Inflated Data. Department of Psychology S. T. Calvin Lecture, University of Miami, October, 2015.

TEACHING EXPERIENCE – INSTRUCTOR OF RECORD

2016 PIBS 705 (graduate): Biostatistics for Biosciences, University of Miami Miller School of Medicine

2012 PSY 204 (undergraduate): Introduction to Biobehavioral Statistics, University of Miami

PROFESSIONAL SERVICE

2017 Organizer, Evolutionary Psychology Preconference of the annual meeting of the Society for Personality and Social Psychology

2013 Human Behavior and Evolution Society Conference Program Sub-Committee

Ad hoc reviewing: *Asian Journal of Social Psychology*, *Emotion*, *Evolution and Human Behavior*, *Evolutionary Psychological Science*, *Evolutionary Psychology*, *Journal of Experimental Psychology: General*, *PLOS ONE*, *Proceedings of the Royal Society B: Biological Sciences*

DEPARTMENT/UNIVERSITY SERVICE – UNIVERSITY OF MIAMI

2014 - 2016 Instructor, Statistics boot camp for incoming psychology graduate students

2014 Panelist, “How can you jumpstart your research? Challenges and Success”

2012 Panelist, “NSF Graduate Research Fellowship Information Session”

PROFESSIONAL AFFILIATIONS

Human Behavior and Evolution Society
Society for Personality and Social Psychology
Association for Psychological Science

REFERENCES

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