

Alexander F. Danvers

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Research Interests:

I study social interactions and emotions using dynamic systems theory and advanced quantitative modeling. I employ multiple methods to understand the different facets of interactions and emotions, including mobile sensing, behavioral coding, economic decision-making games, peripheral psychophysiology, and experience sampling. Quantitative techniques such as machine learning, multi-level modeling, structural equation modeling, and non-linear time series analysis allow me to answer novel questions about conversational engagement, patterns of interaction over time, and complex relationships between multiple sets of variables.

Employment:

Postdoctoral Fellow (2018-current), Department of Psychology
University of Arizona, Tucson, AZ
Supervisor: Matthias Mehl, Department of Psychology

Postdoctoral Fellow (2017-18), Institute for the Study of Human Flourishing
University of Oklahoma, Norman, OK
Supervisor: Nancy Snow, Department of Philosophy

Education:

Ph.D., Social Psychology (2017)
M.A., Social Psychology (2015)
Arizona State University, Tempe, AZ
Supervisor: Michelle N. Shiota, Department of Psychology

B.A., Psychology, Magna Cum Laude (2008)
College of William and Mary, Williamsburg, VA

Dissertation (June 2017): Individualized Structure of Emotional Experience

Master's Thesis (May 2015): Getting to Know You: Effects of Positive Emotions on Naturalistic Conversation and Social Coordination

Publications:

Danvers, A.F.* & Robertson, S.* (in principle acceptance** by *Comprehensive Results in Social Psychology*). Good for what? Power, character, and moral judgment.

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- Danvers, A.F.**, Hackman, J., & Hruschka, D. (2019). The amplifying role of need in giving decisions. *Evolution and Human Behavior*, 40(2), 188-193.
- Danvers, A.F.**, Hu, J., & O’Neil, M.I. (2018). Emotional congruence and judgments of honesty and bias. *Collabra: Psychology*, 4(1), 40. DOI: <http://doi.org/10.1525/collabra.178>.
- O’Neil, M.J., **Danvers, A.F.**, & Shiota, M.N. (2018). Nurturant love and caregiving emotions. In H. C. Lench (Ed.), *Functions of Emotions*. New York: Springer.
- Danvers, A.F.** & Shiota, M.N. (2018). Dynamically engaged smiling predicts cooperation above and beyond average smiling levels. *Evolution and Human Behavior*, 39(1), 112-119.
- Danvers, A.F.** & Shiota, M.N. (2017). Going off script: Effects of awe on memory for script-typical and –irrelevant narrative detail. *Emotion*. DOI: <http://dx.doi.org/10.1037/emo0000277>.
- Shiota, M. N., Yee, C. I., O’Neil, M. J., & **Danvers, A. F.** (2017). Positive emotions. In M. A. Warren & S. J. Donaldson (Eds.), *Scientific Advances in Positive Psychology*. Westport, CT: Praeger.
- Danvers, A.F.**, O’Neil, M.J. & Shiota, M.N. (2016). The mind of the “happy warrior”: Eudaimonia, awe, and the search for meaning in life. In: Vittersø, Joar (Ed.) *The Handbook for Eudaimonic Well-Being*. Springer Press.
- Saks, M.J., **Danvers, A.F.**, Wissler, R.L., Voytyuk, M., Williams, K.E., Baker, D.A., & Votruba, A.M. (2016). Psychological aspects of food biodesign. *Jurimetrics*, 56(2), 165-181.
- Hackman, J., **Danvers, A.F.**, & Hruschka, D. J. (2015). Closeness is enough for friends, but not mates or kin: Mate and kinship premiums in India and US. *Evolution and Human Behavior*, 36(2), 137-145.
- Shiota, M.N. & **Danvers, A.F.** (2014) Another little piece of my heart: Positive emotions and the autonomic nervous system. In J. Gruber & J.T. Moskowitz (Eds.) *Positive Emotion: Integrating the Light Sides and Dark Sides*. Oxford University Press, USA.
- Shiota, M.N., Thrash, T.M., **Danvers, A.F.**, Dombrowski, J.T. (2014). Transcending the self: Awe, elevation, and inspiration. In M.M. Tugade, M.N. Shiota, & L.D. Kirby (Eds.) *The Handbook of Positive Emotions* (pp. 362-377). New York, NY: Guilford Press.
- Shiota, M. N., Neufeld, S. L., **Danvers, A. F.**, Osborne, E. A., Sng, O., & Yee, C. I. (2014). Positive emotion differentiation: A functional approach. *Social and Personality Psychology Compass*, 8(3), 104-117.

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Riskind, J. H., Kleiman, E. M., Weingarden, H., & **Danvers, A. F.** (2013). Cognitive vulnerability to anxiety in the stress generation process: Further investigation of the interaction effect between the Looming Cognitive Style and Anxiety Sensitivity. *Journal of Behavior Therapy and Experimental Psychiatry*, 44(4), 381-387.

* Both authors contributed equally to this manuscript.

** Note: in principle acceptance is used for the Registered Report format, where the manuscript is submitted with a proposed research plan and acceptance is guaranteed if the studies are completed as specified. The manuscript will be formally published after the research plan is completed.

Manuscripts Under Review:

Danvers, A.F., Milek, A., Tackman, A.M., Robbins, M.L., Polsinelli, A., Moseley, S., Kaplan, D.M., Raison, C.L., Sbarra, D., & Mehl, M.R. (under review) Daily sighing and negative emotionality: A multi-sample, multi-measure naturalistic-observation study.

Danvers, A.F., Wundrack, R. & Mehl, M.R. (invited to revise and resubmit at Joint Special Issue of *European Journal of Personality* and *European Journal of Psychological Assessment*). An Equilibrium Approach to Personality States.

Danvers, A.F., Sbarra, D.A., & Mehl, M.R. (Proposal for Manuscript Accepted at Special Issue of *European Journal of Personality*) Quantifying Dynamics of Daily Socializing: A Recurrence Quantification Analysis of Electronically Activated Recorder (EAR) Data.

Danvers, A.F., Scott, B.G., Shiota, M.N., Tein, J., Wolchik, S., & Sandler, I.N. (under review) Effects of Therapeutic Intervention on Parentally Bereaved Children's Emotional Reactivity and Regulation 15 Years Later.

Danvers, A.F., Shiota, M.N., Ding, G., Saski, E., & Boudesseul, J. (invited to revise and resubmit by *Emotion*) Recognition of prototypes and variants of facial/postural expressions for seven positive emotions.

Jones, B.C., ..., **Danvers, A.F.**, ... Chartier, C.R. (In Principle Acceptance of Registered Report, *Nature Human Behavior*). Social perception of faces around the world: How well does the valence-dominance model generalize across world regions?

Manuscripts in Preparation:

Danvers, A.F. Emotional reactions to strategies for maintaining social status: Prestige increases awe and dominance reduces compassion.

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Shiota, M.N., **Danvers, A.F.**, & Lovis-McMahon, D. Validation of the Dispositional Positive Emotion Scales (DPES).

Danvers, A.F., Baranski, E., Kraft, A., Perez, A., Ziegler, M., Sternberg, E. & Mehl, M. Who Sounds Predictable? Person-Centered Modeling of the Sounds of Daily Life Using a Fully Automated Processing Pipeline for EAR.

Danvers, A.F., Helm, P.J., & Mehl, M.R. Loneliness and Objective Isolation using the EAR Sensor.

Danvers, A.F., Baranski, E., Tackman, A., & Mehl, M.R. Predicting Personality from Everyday Social Activity Using the EAR.

Danvers, A.F., Baranski, E., Perez, A., Kraft, A., Ziegler, M., Sternberg, E., & Mehl, M.R. Who sounds predictable? Person-centered modeling of the sounds of daily life using a fully automated processing pipeline for EAR.

Danvers, A.F., Williams, K.E.G., Neel, R., & Cheng, J. Strategy for pursuing social status is influenced by life history strategy.

O'Neil, M.J., Shiota, M.N., **Danvers, A.F.**, Hu, J.I. Prototype facial response to cute stimuli: Expression and recognition.

Symposium Presentations:

Danvers, A.F., Baranski, E., Perez, A., Kraft, A., Ziegler, M., Sternberg, E., & Mehl, M.R. (2020). Person-Centered Modeling of Daily Life. Symposium talk to be presented at the Personality Dynamics preconference at the annual meeting of the Society for Personality and Social Psychology.

Danvers, A.F., Baranski, E., Reyes, R., Kraft, A., Perez, A., Ziegler, M., & Mehl, M. (2019). Automated Processing of Speech and Social Context with the EAR. Symposium talk presented at the annual meeting of the Association for Psychological Science, Washington, DC. Symposium Chair.

Baranski, E., **Danvers, A.F.**, Kraft, A., Perez, A., Ziegler, M., Lindberg, C., Engineer, A., Sternberg, E., & Mehl, M. (2019). Personality Prediction in Aerospace Engineers Using a Comprehensive Sensing Suite. Symposium talk at the annual meeting of the Association for Psychological Science, Washington, DC. Symposium Chair.

Danvers, A.F. (2019). Equilibria in Personality States: A Teleological Approach. Symposium talk presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.

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Danvers, A.F., Tackman, A.M., Reyes, R., & Mehl, M.R. (2018). Using the Electronically Activated Recorder (EAR) to Identify the Behavioral Manifestations of Individual Differences in Daily Life. Symposium presented at the 9th International Conference on Applied Human Factors and Ergonomics, Orlando, FL.

Danvers, A.F. (2018). Person-Centered Approaches to Statistics: Measuring Individualized Emotional Patterns. Invited talk, Family Medicine Research Forum, University of Oklahoma, Oklahoma City, OK.

Danvers, A.F., & Lovis-McMahon, D. (2018). *Uncovering Hidden Moderators with Machine Learning*. Symposium presented at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA. Symposium Chair.

Danvers, A.F., & Shiota, M.N. (2017). *Individualized Structure of Emotional Experience*. Symposium talk presented at the annual meeting of the Society for Southeastern Social Psychologists, Atlantic Beach, FL.

Danvers, A.F., Scott, B.G., Shiota, M.N., Tein, J., Sandler, I.N., (2017). *Positive Parenting Mediates Impact of Family Bereavement Program on Parasympathetic Activation in Emotion Tasks, 15 Years Later*. Flash talk presented at the Mid-Year Meeting of the American Psychosomatic Society, Berkeley, CA.

Danvers, A.F., & Shiota, M.N. (2017). *Perception of Personality Influenced by Smile Dynamics*. Symposium talk presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX. Symposium Co-Chair with Jonathan Freeman.

Danvers, A.F., Sandler, I.N., Shiota, M.N., Scott, B.G., Tein, J. (2016). *Positive Parenting Improves Adult Emotion Regulation for Parentally Bereaved Children*. Symposium talk presented at the annual meeting for the International Society for Traumatic Stress Studies, Dallas, TX.

Danvers, A.F., & Shiota, M.N. (2016). *Synchrony in Smiling as a Cooperative Cue*. Symposium talk presented at the annual meeting of the Association for Psychological Science, Chicago, IL.

Danvers, A.F., & Shiota, M.N. (2014). *The Face(s) of Positive Emotion: Cross-Cultural Recognition of Multiple Expressions*. Symposium talk presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.

Danvers, A.F., & Shiota, M.N. (2013). *Awe and Signal Detection: Recognition of Details from a "Going Out To Dinner" Story*. Symposium talk presented at the meeting of the Association for Psychological Science, Washington, DC.

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Poster Presentations:

Danvers, A.F., & Mehl, M.R. (2019). *Modeling Loneliness as Passive Sensing*. Presented at the Society for Personality and Social Psychology (SPSP) Summer Forum on Big Data.

Danvers, A.F. (2018). *Awe as a Social Epistemological Emotion*. Presented at the Society for Affective Science (SAS) Annual Conference.

Danvers, A.F. & Shiota, M.N. (2016). *Coordinated Smiling Predicts Liking and Cooperation*. Presented at the Society for Personality and Social Psychology (SPSP) Annual Conference.

Danvers, A.F., Scott, B.G., Sandler, I.N., Ayers, T.S., Wolchik, S.A., Luecken, L.J., Tein, J.Y., Shiota, M.N. (2015). *Effect of Economic Distress on Physical Health is Mediated by Low Coping Efficacy and Cardiac Reactivity to Negative Stimuli*. Presented at the annual meeting of the Society for Psychophysiological Research (SPR).

Danvers, A.F., Marji, M., & Shiota, M.N. *Personality Predicts How Well You Recognize Facial Expressions of Emotion*. (2015). Poster presented at the annual meeting of the Association for Psychological Science.

Danvers, A.F., Tully, J., & Shiota, M.N. *Seven Different Positive Emotion Expressions are Well-Recognized*. (2015). Poster presented at the annual meeting of the Association for Psychological Science.

Danvers, A.F. & Shiota, M.N. (2015). *Awe Builds Liking, Closeness and Cooperation in New Dyads*. Poster presented at the Society for Personality and Social Psychology (SPSP) Annual Conference.

Yee, C.I., **Danvers, A.F.**, Sng, O., Kenrick, D.T. (2015) *Critical Periods for Friendship Strategies*. Poster presented at the Evolutionary Psychology Pre-Conference at the Society for Personality and Social Psychology (SPSP) Annual Conference.

Danvers, A.F., & Shiota, M.N. (2014). *Effects of Awe on Schema-Driven Memory*. Poster presented at the meeting of the Society for Affective Science, Washington, DC.

Danvers, A.F., Miocevic, M., Yee, C., & Shiota, M.N. (2012). *A Friend in Need: Physiological Evidence of The Safe Haven Function of Close Friends*. Presented at the annual meeting of the Society for Psychophysiological Research (SPR).

Danvers, A.F., & Shiota, M.N. (2012). *Aging, emotions, and goals: Dispositional positive emotions differentially predict well-being across adult life stages*. Presented at the Emotions Pre-Conference of the Society for Personality and Social Psychology (SPSP) Annual Conference.

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Kleiman, E.M., Riskind, J.H., **Danvers, A.**, Weingarden, H., & Schaefer, K.E. (2011) *A Multiple-Mediator Model of the Relationship Between Perceived and Utilized Social Support, Self Esteem, and Suicide*. Poster presented at the 45th annual meeting of the Association for Behavioral and Cognitive Therapy, Toronto, ON, November 2011.

Kleiman, E.M., Shaefer, K.E., **Danvers, A.**, Riskind, J.H., Weismore, J.T., & Esposito-Smythers, C.L. (2011). *The Role of Positive Events as a Protective Factor in Suicide*. Poster presented at the 45th annual meeting of the Association for Behavioral and Cognitive Therapy, Toronto, ON, November 2011.

Kleiman, E.M., Schaefer, K.E., Weingarden, H., **Danvers, A.**, Riskind, J.H., Weismore, J.T., & Esposito-Smythers, C.L., (2011). Past Self Injury Moderates the Relationship Between Dysfunctional Attitudes and Suicide Risk: A Test of Joiner's (2005) Interpersonal Theory of Suicide. Poster presented at the 45th annual meeting of the Association for Behavioral and Cognitive Therapy, Toronto, ON, November 2011.

Schaefer, K., Kleiman, E.M., Riskind, J.H., **Danvers, A.**, Jeanes, K., Stolz, M., & Zhao, M (2010). *The Role of Experiential Avoidance in Predicting High-Risk Sexual Behavior Among College Students*. Poster presented at the Association for Behavioral and Cognitive Therapies Meeting, November 2010, San Francisco, CA.

Quantitative Coursework:

Course	Instructor	Department
ANOVA	David MacKinnon	Psychology
Regression	Leona Aiken	Psychology
Mediation Analysis	David MacKinnon	Psychology
Multi-level modeling	Craig Enders	Psychology
Structural Equation Modeling	Craig Enders	Psychology
Functional Data Analysis	Hye Won Suk	Psychology
Data Mining	Kevin Grimm	Psychology
Dynamical Modeling in Social and Ecological Systems	J. Marty Anderies	Anthropology
Models in Social Evolution	Robert Boyd	Anthropology
Multivariate Statistics	Leona Aiken	Psychology
Dynamical Systems in Psychology	Polemnia Amazeen	Psychology
Non-linear Time Series Methods	Multiple	American Psychological Association (APA) Workshop

Reviewing:

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Ecological Psychology, Evolution and Human Behavior, Evolutionary Psychology, Motivation and Emotion, Journal of Health Psychology, Current Psychology, Behavior Research Methods

Honors, Awards, & Fellowships:

2017: Postdoctoral Fellowship, Institute for the Study of Human Flourishing
2016: ASU Graduate Travel Grant (\$500)
2015: ASU Graduate Research Grant (\$2,000)
2011: Doctoral Recruiting Fellowship (\$25,000)
2008: Graduated Magna Cum Laude

Relevant Teaching Experience:

Instructor, PSYC 6563, Advanced Social Psychology (Oklahoma State University), Fall 2017
Workshop: Fundamentals of R (co-led with Elizabeth Page-Gould)
Instructor, PSY 350: Social Psychology, Spring 2016
TA, PSY 531: Multiple Regression Analysis with Leona Aiken, Spring 2017
TA, PSY 290: Research Methods with Donald Homa, Fall 2016
TA, PSY 543: Mediation Analysis with David MacKinnon, Spring 2016
TA, PSY 330: Advanced Undergraduate Statistics with Leona Aiken, Fall 2015
TA, PSY 330: Advanced Undergraduate Statistics with Craig Enders, Spring 2015
TA, PSY 230: Introduction to Statistics with Heather Cate, Fall 2014

Service:

Member of University of Arizona Diversity Committee (UA)
Organized Moral Psychology and Technology and Virtue Reading Groups (OU)
Organized Social Psychology Department Bi-Weekly Research Meetings (ASU)
Organized Social Psychology Graduate Professional Development Meetings (ASU)
Administrator for PSY 101 Survey (ASU, Fall 2014)

References:

Michelle N. Shiota
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Leona S. Aiken
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