

Exponent®
Engineering & Scientific Consulting

Ben Faber, Ph.D.

Managing Scientist | Human Factors
Philadelphia
+1-215-594-8805 | bfaber@exponent.com

Professional Profile

Dr. Benjamin Faber is a cognitive scientist with a breadth of expertise in human behavior, information processing, learning, and language. His work focusses on complex human abilities that integrate perception, attention, memory, and decision making by recognizing the interacting influences of developmental, social, clinical, and evolutionary factors on cognitive competencies and behavioral performance limitations. He has 25 years of experience directing diverse human subjects research projects, including creative and complex experimental designs, data analysis and visualization, and communicating to a wide range of audiences through varied avenues. His expertise and skillset enable him to understand human factors and their root causes in a range of contexts including motor vehicle accidents, slip, trips, and falls, and product warnings and safety information.

Prior to joining Exponent, Dr. Faber spent 14 years as a professor where he honed his skills as a master teacher across a wide variety of cognitive, developmental, statistics, and research methodology courses. He led diverse collaborative research programs, consulted on research designs and analyses, and programmed tools for teaching complex statistical concepts. Dr. Faber also served as the Chair of the Faculty at Saint John's University where he was a consultative leader who excelled in complex project management, policy development, and strategic planning. His research programs have covered topics ranging from how people think about what others' think and know, to learning and applying knowledge about race and sex in face identification and classification, to how biosensors and adaptive technology can improve learning, efficiency, and cognitive functioning. During his PhD in Brain and Cognitive Sciences & Linguistics at the University of Rochester, he explored how people learn the underlying structure of language by exposing them to miniature artificial languages.

Academic Credentials & Professional Honors

Ph.D., Brain and Cognitive Science, Linguistics, University of Rochester, 2008

B.A., Linguistics, University of California, Santa Cruz, 2000

B.A., Psychobiology, University of California, Santa Cruz, 2000

Robert L. Spaeth Teaching Award, Saint John's University, 2015

Graduate Fellowship, University of Rochester, 2002-2005

Robert and Mary Sproull Fellowship, University of Rochester, 2000-2002

NSF REU Fellowship, University of North Dakota, 1999

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NSF REU Fellowship, Center for the Neural Basis of Cognition, University of Pittsburgh / Carnegie Mellon, 1998

Academic Appointments

Associate Professor of Psychology, College of St. Benedict & St. John's University, 2014-2022

Assistant Professor of Psychology, College of St. Benedict & St. John's University, 2008-2014

Instructor of Brain & Cognitive Sciences, University of Rochester, 2004-2008

Prior Experience

Associate Professor of Psychology, College of St. Benedict & St. John's University, 2008-2022

Chair of Joint Faculty Assembly & Joint Faculty Senate, St. John's University, 2017-2019

Professional Affiliations

Human Factors and Ergonomics Society

Association for Psychological Science

Midwestern Psychological Association (2008-2022)

Publications

Presentations

Ziemer, B. & Faber, B. (2019) The Impact of Mindset Language on Test Anxiety. Poster presented at the 92nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Lundstrom, K. & Faber, B. (2018) Narrative Minds: An investigation of reading and cognition. Poster presented at the 90th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Green, D. & Faber, B. (2015) Effects of Physical Cues on Emotion. Poster presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Faber, B. (2014) Mind the Gap: Generalizing from Statistical Details During Category Learning. Research Talk presented at the 86th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Gangl, R., & Faber, B. (2014) Using the World as a Stage to Benefit Refugees. Poster presented at the 86th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Nusbaum, A., & Faber, B. (2014) The Jury Process: Racial Bias, Extraversion, Leadership, and Moral Reasoning. Poster presented at the 86th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Tholen, L., & Faber, B. (2014) (Im)Personally Meaningful: Individual Differences that Affect Details of Memories. Poster presented at the 86th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Faber, B. (2013) Other Minds are a Distraction: Attention Predicts Implicit Theory of Mind. Poster to be presented at the 25th Annual Convention of the Association for Psychological Science, Washington, DC.

Marrin, G., Olsen, A., & Faber, B. (2013) Gesture Development and Spatial Memory. Poster to be presented at the 85th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Faber, B. (2012) Deliberative Theory of Mind in Adults. Research Talk presented at the 84th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Anderson, J. & Faber, B. (2012) Effects of Dual Language Presentations on Attention and Comprehension. Poster presented at the 84th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Edmiston, P., Esch, E., & Faber, B. (2012) Generalization of Perceived Dyadic Rapport Following Mimicry. Poster presented at the 84th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Shrode, L. & Faber, B. (2012) The Influence of Odor on Emotion and Memory. Poster presented at the 84th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Faber, B. (2011) Failing of Implicit Theory of Mind in Adults. Poster presented at the 23rd Annual Convention of the Association for Psychological Science, Washington, DC.

Edmiston, P., & Faber, B. (2011). Variable Influences of Executive Functioning on Utilitarian Judgment Formation. Poster presented at the National Conference on Undergraduate Research, Ithaca, NY.

Stacken, K., & Faber, B. (2010). Language, Visual Information, and Attention in Decision Making. Poster presented at the 82nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Wutchiett, D., & Faber, B. (2010). Losing Control: Cognitive effects of Social anxiety. Poster presented at the 82nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL.