Barbara Tversky
Professor of Psychology, Emerita

Bio

Barbara Tversky studied cognitive psychology at the University of Michigan. She held positions first at the Hebrew University in Jerusalem and then at Stanford, from 1978-2005 when she took early retirement. She is an active Emerita Professor of Psychology at Stanford and Professor of Psychology at Columbia Teachers College. She is a fellow of the Association for Psychological Science, the Cognitive Science Society, the Society for Experimental Psychology, the Russell Sage Foundation, and the American Academy of Arts and Science. She has been on the Governing Boards of the Psychonomic Society, the Cognitive Science Society, the International Union of Psychological Science, and the Association for Psychological Science. She has served on the editorial boards of many journals and the organizing committees of dozens of international interdisciplinary meetings.

Her research has spanned memory, categorization, language, spatial cognition, event perception and cognition, diagrammatic reasoning, sketching, creativity, design, and gesture. The overall goals have been to uncover how people think about the spaces they inhabit and the actions they perform and see and then how people use the world, including their own actions and creations, to remember, to think, to create, to communicate. A forthcoming book, Mind in Motion: How Action Shapes Thought, will overview that work. She has collaborated widely, with linguists, philosophers, neuroscientists, computer scientists, chemists, biologists, architects, designers, and artists.

ACADEMIC APPOINTMENTS

• Emeritus Faculty, Acad Council, Psychology

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

• President, Association for Psychological Science, June 1, 2019 (2018 - present)

PROGRAM AFFILIATIONS

• Symbolic Systems Program

Publications

PUBLICATIONS

• The kinematics that you do not expect: Integrating prior information and kinematics to understand intentions. *Cognition*
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• Shadow play *Spatial Cognition and Computation*
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• Multiple Models. In the Mind and in the World *Historical Social Research-Historische Sozialforschung*
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• Conceptually congruent actions can promote thought *Journal of Applied Research in Memory and Cognition*
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• Through your eyes: incongruence of gaze and action increases spontaneous perspective taking *Frontiers in Human Neuroscience*
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• How to put things together *Cognitive Processing*
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  Tom, A. C., Tversky, B.
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• The Shape of Action *Journal of Experimental Psychology-General*
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2011; 3 (3): 499-535

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Klingner, J., Tversky, B., Hanrahan, P.  
2011; 48 (3): 323-332

Visualizing space, time, and agents: production, performance, and preference. *Cognitive Processing*  
Kessell, A., Tversky, B.  
2011; 12 (1): 43-52

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Morrison, J. B., Tversky, B.  
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**Conference on Human Behaviour in Design**  
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  Mark, D. M., Smith, B., Tversky, B.
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• Indexing events in memory: Evidence for index dominance MEMORY
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  Tversky, B., Hemenway, K.

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• OBJECTS, PARTS, AND CATEGORIES *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-GENERAL*
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• FORCE OF SYMMETRY IN FORM PERCEPTION *AMERICAN JOURNAL OF PSYCHOLOGY*
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• CATEGORIES OF ENVIRONMENTAL SCENES *COGNITIVE PSYCHOLOGY*
  Tversky, B., Hemenway, K.
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• DISTORTIONS IN MEMORY FOR MAPS *COGNITIVE PSYCHOLOGY*
  Tversky, B.
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• DEVELOPMENTAL-TRENDS IN THE USE OF PERCEPTUAL AND CONCEPTUAL ATTRIBUTES IN GROUPING, CLUSTERING, AND RETRIEVAL *JOURNAL OF EXPERIMENTAL CHILD PSYCHOLOGY*
  Melkman, R., Tversky, B., Baratz, D.