

Governing Board

2002 Governing Board of the Cognitive Science Society

Keith Stenning (Chair) *Centre for Human Communication & Informatics, Edinburgh University* 2000-2005

Reasoning, teaching/learning of reasoning, communication, conceptual change.

Susan L. Epstein (Past Chair) *Computer Science, Hunter College, City Univ. of New York* 1997-2001

Knowledge representation, problem solving, and machine learning; visual cognition for planning and design; applications in game playing, protein folding, layout design, and constraint satisfaction.

Nancy Nersessian (Chair-Elect) *Program in Cognitive Science, College of Computing Georgia Institute of Technology* 2001-2006

History and Philosophy of Science, Conceptual change, Problem solving, Analogy, Model-based reasoning

Arthur B. Markman (Executive Officer) *Department of Psychology, University of Texas*, 2001-2003

Analogy and similarity; categorization; decision making; knowledge representation.

William Bechtel *Department of Philosophy, University of California, San Diego* 2002-2007

Kenneth D. Forbus *Department of Computer Science, Northwestern University* 1998-2003

Artificial Intelligence: Qualitative physics, cognitive simulation, analogical reasoning and learning, spatial reasoning, problem-solver design, intelligent tutoring systems.

Dedre Gentner *Department of Psychology, Northwestern University* 1999-2004

Cognitive development, similarity, analogy, and metaphor.

Robert L. Goldstone (Journal Editor) *Department of Psychology, Indiana University* 2001-2005

Categorization, perceptual learning, computational modeling.

Wayne D. Gray *Department of Cognitive Science, Rensselaer Polytechnic Institute* 2003-2008

Integrated cognitive systems, computational cognitive modeling, cognitive engineering. Interested in basic and applied research that leads to understanding the interplay of cognition, perception, and action in routine interactive behavior.

Edwin Hutchins *Department of Cognitive Science, University of California, San Diego* 2001-2006

Culture and cognition; Cognitive consequences of automation.

Alan Lesgold *School of Education, Psychology, & Intelligent Systems, Univ. of Pittsburgh* 1998-2003

Complex learning, intelligent systems, impasses in learning, argumentation.

James L. McClelland *Center for the Neural Basis of Cognition, Carnegie Mellon University* Ex-Officio member of board as chair of the Rumelhart Prize Committee

Cognitive neuroscience, connectionist modeling, memory, language and cognitive development

Douglas L. Medin *Department of Psychology, Northwestern University* 1999-2004

Concept and classification learning, culture and cognition.

Johanna Moore *Human Communication Research Centre Edinburgh University* 2002-2007

Michael Mozer *Computer Science Department, University of Colorado* 2000-2005

Computational models of visual perception, selective attention, working memory, awareness, and neuropsychological disorders; machine learning algorithms and applications.

Linda B. Smith *Department of Psychology, Indiana University* 2003-2008

Barbara Tversky *Department of Psychology, Stanford University* 2003-2008

Spatial thinking and language; event perception, cognition, and description; diagrammatic reasoning; memory; design; categorization.

Richard M. Young *Psychology Department, University of Hertfordshire* 2002-2007

Cognitive architectures; cognitive modelling of complex tasks