

Meghana Bhatt
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Education

- California Institute of Technology – PhD in Social Science, July 2007
- California Institute of Technology – Masters in Social Science, June 2004
- Harvard University – AB with honors in Mathematics, December 2001

Honors

- Angel Williamson Fellowship 2007-2009
- Haynes Fellowship – 2003
- Honors on Prelims – 2003
- Virginia Galloon Fellowship – 2002-2003

Research

Interests: Neuroeconomics, experimental economics

Published Work:

- Bhatt, M, Camerer, C (2005) Self-referential thinking and equilibrium as states of mind in games: fMRI evidence. *Games and Economic Behavior* 52(2):424-459 [\[pdf\]](#)
- Hsu, M, Bhatt, M, Tranel, D, Adolphs, R, Camerer, C (2005) Neural systems responding to degrees of uncertainty in Human Decision-Making. *Science* 310(5754):1680-1683 [\[pdf\]](#)
- Camerer, C, Bhatt, M, Hsu, M (2007) Neuroeconomics, Illustrated by fMRI and lesion patient evidence of ambiguity-aversion. *Economics and Psychology: a Promising New Cross-Disciplinary Field.*, Frey, B, Stutze, A (eds.) ch. 5:113-153

Working Papers and Submitted work:

- Bhatt, M “Evaluation and Association: A Network Model of Advertising and Consumer Choice” – under review at *Journal of Economic Behavior and Organization*
- Bhatt, M, Lohrenz, T, Camerer, C, Montague, PR “Manipulating others’ beliefs through strategic signaling in a two-person bargaining game” – under review at *Neuron*
- Bhatt, M. and Downar, J., Montague, PR. “Succeeding by learning from failure: the neural and behavioral correlates of successful learning and decision-making in a population of experienced physicians” – submitted to *New England Journal of Medicine*.

- Bhatt, M., and Downar, J. “A Global Fitness Function for Valuation and Decision-Making.” Working paper.
- Kayali, A., Downar, J., Bhatt, M., Camerer, C., Montague, PR., “Modulation of the functional architecture of cingulate cortex according to task demands.” Working paper.
- Downar, J., Kayali, A., Bhatt, M., Camerer, C., Montague, PR., “Functional subregions of the precuneus revealed by modularity analysis.” Working paper.

Conferences

- Society for Neuroscience 2009 – poster for “My model of your model of me: exploiting others’ beliefs through strategic signaling in a two person bargaining game.”
- Games 2008: Third World Congress of the Game Theory Society – presented “The neural correlates of deception, suspicion, and strategic thought during bargaining.”
- SAET 2007 – presented “Evaluation and Association: A Network Model of Advertising and Consumer Choice”
- ASSA 2007 – presented – “Neural activity during bargaining with private information.”
- Association for Consumer Research 2006 – invited speaker, presented “A Neural Network Model of Product Evaluation and Marketing”.
- Neuroeconomics 2006 – Poster for “A Neural Network Model of Product Evaluation and Marketing”.
- Cognitive Systems: Bridging Cellular to Social 2006. Invited panel member for the discussion “Large to Massive Scale Cognitive Systems Simulations”.
- Neuroeconomics 2004 – poster for “The Neural Foundations of Strategic Thinking”

Teaching Experience

Caltech:

- TA for Behavioral Economics, Ec101, Spring 2007
- TA for Cognitive Psychology, Psy 20 Winter 2007.
- TA for Introductory Economics, Ec 11, Fall 2006 (taught weekly sections)
- TA for Macroeconomics, Ec 123, Spring 2006
- TA for Microeconomics, Ec 121, Fall 2005

Harvard:

- TA for Honors Real Analysis and Linear Algebra, Math 25 Fall 1998

Work

- Research Associate – Federal Reserve Bank, San Francisco. Macroeconomics Research Group, 2001-2002.