MARSHA MEYTLIS, Ph.D.
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Education

2003-2007 **MOUNT SINAI SCHOOL OF MEDICINE**   NEW YORK CITY
Doctorate in Neuroscience

2001-2003 **SUNY DOWNSTATE**   NEW YORK CITY
Candidate for Ph.D. in Neuroscience

1997-2001 **COLUMBIA COLLEGE**   NEW YORK CITY
BA in Biology. Social coordinator of Russian Student Society, 1997-2001. Recipient of Summer Undergraduate Research Fellowship (SURF), 1999. Dean's List.

Positions

2007-2010 **CORNELL MEDICAL SCHOOL**   NEW YORK CITY
Post-Doctorate Research Associate
- Worked in the computational neuroscience group.
- Advisor: Sheila Nirenberg

2003-2007 **MOUNT SINAI MEDICAL SCHOOL**   NEW YORK CITY
Graduate Researcher
- Integrated Program in Neuroscience, Psychology and Mathematics.
- Thesis in machine and human face recognition.
- Committee: L. Sirovich, D. Pelli, E. Kaplan, R. Uglesich

2001-2002 **SUNY DOWNSTATE MEDICAL CENTER**   NEW YORK CITY
Research Assistant
- Investigated control of movement by the sensory and motor systems in the brain in the laboratory of J. Chapin.

1999 **COLUMBIA UNIVERSITY**   NEW YORK CITY
Research Assistant
- Worked on research in cognitive neuroscience, visual cognition and perception in the laboratory of L. Cooper.

Publications

Marsha Meytlis and Lawrence Sirovich **On the dimensionality of face space**, *Transactions on Pattern Analysis and Machine Intelligence* (2007), v. 29(7), pp. 1262-1267 (featured article of the month) [Cited by 15.]

Lawrence Sirovich and **Marsha Meytlis Symmetry, probability and recognition in face space,** *PNAS* (2009). V. 106(17), pp. 6895-6899 [News reports by Cern Courier and physicsworld.com, Cited by 3.]

Marsha Meytlis, **A model of internal face space,** *Visual Cognition* (2011) V. 19(1), pp. 13-26.

Meytlis, M., Bomash, I., Pillow, J., and Nirenberg, S. **Assessing the importance of correlated firing using large populations of neurons**, *Society for Neuroscience (SFN) poster* (2009)

Meytlis, M., Nickols, Z., and Nirenberg, S. **Correlations play a negligible role in coding white noise and natural scene stimuli in complete retinal populations,** *Journal of Neuroscience* (submitted)

Marsha Meytlis and Cheuk Tang **Lie detectors for face recognition**, *Neuroreport (*in preparation)

Awards

2008-2009 National Institute of Health Vision Training Grant

Talks

"Face Familiarity and Face Space" Mount Sinai Annual Retreat, New York NY, May 2005

"Efficient Face Representation" Albert Einstein School of Medicine, New York, NY Host: Odelia Schwartz, Sept 2007

"Face Recognition in Face Space" Rutgers University, Center for Molecular and Behavioral Neuroscience, Host: György Buzsáki, Nov. 2007
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"Face Recognition in Face Space" Cornell Medical School, Department of Physiology, Host: Sheila Nirenberg, Dec. 2007