

## Education

Ph.D. Candidate, **Dartmouth College** (anticipated) 2018  
*Degree: Cognitive Neuroscience*  
*Advisor: Luke J. Chang*  
B.A., **University of Rochester**, distinction and highest honors in research 2010  
*Major(s): Brain and Cognitive Science & Psychology; Minor: Music*  
*Advisor(s): Jessica F. Cantlon & Bradford Z. Mahon*

## Research Experience

**Microsoft Research**, New York, NY (summer) 2016  
*Computational Social Science Group*  
*PI: Duncan Watts*  
Research Intern  
**Harvard University**, Cambridge, MA 2010-2012  
*Social Cognitive and Affective Neuroscience Lab (SCAN)*  
*PI: Jason P. Mitchell*  
Lab Manger  
**University of Rochester**, Rochester, NY 2009-2010  
*Concepts, Actions and Objects Lab (CAOs)*  
*PIs: Jessica F. Cantlon & Bradford Z. Mahon*  
Honors Thesis Student  
**Baruch College**, New York, NY 2009-2010  
*Dynamic Learning Lab*  
*PI: Jennifer Mangels*  
Research Assistant  
**University of Rochester**, Rochester, NY 2008-2010  
*Mt. Hope Family Center*  
*PI: Sheree Toth*  
Research Assistant

## Publications

Chang, L.J. & **Jolly, E.** (in press). Emotions as computational signals of goal error. To appear in A. Fox, R. Lapate, A. Shackman & R. Davidson (Eds.), *The nature of emotions*.

**Jolly, E.** & Chang, L.J. (in prep). The Flatland Fallacy.

**Jolly, E.** & Chang, L.J. (in prep). The Social Utility of Gossip.

Cheong, J. H., **Jolly, E.**, Sul, S., Frey & Chang, L.J. (in prep). Computational Models in Social and Affective Neuroscience. To appear in Moustafa, A. (Eds). *Computational Models of Brain and Behavior*.

**Jolly, E.**, Tamir, D.I., Burum, B.A., Gilbert, D.T. & Mitchell, J.P. (in prep). Wanting Without Enjoying: The social value of sharing experiences.

Moran, J.M., **Jolly, E.** & Mitchell, J.P. (2014). Spontaneous mentalizing predicts the fundamental attribution error. *Journal of Cognitive Neuroscience*, 26(3), 569-576.

Moran, J.M., **Jolly, E.**, & Mitchell, J.P. (2012). Social-cognitive deficits in normal aging. *Journal of Neuroscience*, 32(16), 5553-5561.

**Jolly, E.** (2011). Testing domain specificity: Conceptual knowledge of living and non-living things. *The Yale Review of Undergraduate Research in Psychology*, 2, 94-118.

## Posters & Presentations

**Jolly, E.** & Chang, L.J (2016). *Groups, Gossip and Social Dilemmas*. Poster presented at the International Conference on Computational Social Science, Evanston, IL.

**Jolly, E.** (2016). *Research Methods for Conducting Synchronous Online Experiments*. Guest Lecture at Dartmouth College, Hanover, NH.

**Jolly, E.** (2016). *The Social Benefits of Gossip*. Guest Lecture at Dartmouth College, Hanover, NH.

**Jolly, E.** (2016). *The Social Benefits of Gossip*. Presentation at the Social Brain Sciences Brown Bag series at Dartmouth College, NH.

**Jolly, E.**, Tamir, D.I. & Mitchell, J.P. (2015). *The social value of sharing experiences*.\* Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society, Boston, MA.

\*Winner, SANS Graduate Student Poster Award

Moran, J.M., **Jolly, E.**, & Mitchell, J.P. (2012). *Spontaneous mentalizing supports the fundamental attribution error*. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, Chicago, IL.

Peltz, J.S. Toth, S.L., Rogosch, F.A., **Jolly, E.**, & Cicchetti, D. (2010). *Paternal emotional availability's effects on children's socioemotional functioning in maternal depression contexts*. Poster presented at the Annual Meeting of the Association for Psychological Science, Boston, MA.

## Awards and Honors

SANS Graduate Student Poster Award

2015

Dartmouth College Graduate Travel Award

2015

National Science Foundation Graduate Research Fellowship	2013-2016
University of Rochester BCS Dept. Highest Honors in research	2010
University of Rochester Wilder-Trustee Scholarship	2006-2010

## Teaching

Experimental Study of Social Behavior (Guest Lecturer)	Dartmouth College 2016
Social Psychology (Guest Lecturer)	Dartmouth College 2016
Brain Mapping with functional MRI (TA and Guest Lecturer)	Dartmouth College 2015
Laboratory in Psychological Science* (TA and Guest Lecturer)	Dartmouth College 2015
<i>*Mentored award winning undergraduate group</i>	
Experimental Design and Methodology (TA and Guest Lecturer)	Dartmouth College 2014
Laboratory in Psychological Science (TA and Guest Lecturer)	Dartmouth College 2013
Introduction to MATLAB for Behavioral Research (ad-hoc workshop)	Harvard University 2011
Mind Perception (ad-hoc workshop)	Harvard University 2011

## Technical skills

Programming Languages: MATLAB, Python, R, Javascript, Bash, HTML, CSS  
 Stimulus collection/presentation: Psychophysics toolbox, Psychopy, E-prime, MeteorJS  
 Data analysis: AFNI, SPM, SPSS, lme4, numpy/scipy, scikit-learn, pandas  
 Data visualization/sharing: ggplot, matplotlib, D3.js, markdown, git/github

## Professional Memberships

Social and Affective Neuroscience Society  
 Cognitive Neuroscience Society  
 Society for Social Neuroscience

## Ad hoc Reviewer

Frontiers in Psychology  
 Social Cognitive and Affective Neuroscience  
 Journal of Personality and Social Psychology

## References

### Luke J. Chang

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### Jason P. Mitchell

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**Diana I. Tamir**

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**Joe M. Moran**

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US Army  
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(603) 318 6897