

# ADAM S. COHEN

## CONTACT

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citizenship: USA; Canadian permanent residency (pending)

## EDUCATION

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2006-2012     **University of California, Santa Barbara**  
Ph.D., Department of Psychological & Brain Sciences  
Focus: cognitive development, cognitive neuroscience

2000-2004     **Rutgers University – Rutgers College**  
B.A., Cell Biology & Neuroscience; B.A. Cognitive Science  
Minor, Mathematics

## POSITIONS

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2012-present   **University of Western Ontario**  
Assistant Professor, Department of Psychology  
Principal Investigator, Brain and Mind Institute  
Member, Neuroscience Program

## RESEARCH INTERESTS

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Areas: theory of mind, social attention, moral judgment, foundations of cognitive science  
Methods: eye tracking, fMRI, reaction time

## PUBLICATIONS

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**Cohen, A. S.**, Sasaki, J. Y., German, T. C., & Kim, H. S. (in press). Automatic mechanisms for social attention are culturally penetrable. *Cognitive Science*.

**Cohen, A. S.**, Sasaki, J. Y., & German, T. C. (2015). Specialized mechanisms for theory of mind: Are mental representations special because they are mental or because they are representations? *Cognition*, *136*, 49-63.

German, T. C., & **Cohen, A. S.** (2012). A cue-based approach to ‘theory of mind’: Re-examining the notion of automaticity. *British Journal of Developmental Psychology*, *30*, 45-58.

**Cohen, A. S., & German, T. C.** (2010). Reaction time advantages for calculating beliefs over public representations signal domain specificity for ‘theory of mind’. *Cognition, 115*, 417-425.

**Cohen, A. S., & German, T. C.** (2009). Encoding of others' beliefs without overt instruction. *Cognition, 111*, 356-363.

Lee, K., Yoshida, T., Kubicki, M., Bouix, S., Westin, C., Kindlmann, G., Niznikiewicz, M., **Cohen, A.**, McCarley, R. W., & Shenton, M. E. (2009). Increased diffusivity in superior temporal gyrus in patients with schizophrenia: A diffusion tensor imaging study. *Schizophrenia Research, 108*, 33-40.

Nakamura, M., Nestor, P. G., Levitt, J. J., **Cohen, A. S.**, Kawashima, T., Shenton, M. E., & McCarley, R. W. (2008). Orbitofrontal volume deficit in schizophrenia and thought disorder. *Brain, 131*, 180-195.

Han, S. D., Nestor, P. G., Hale-Spencer, M., **Cohen, A. S.**, Niznikiewicz, M., McCarley, R. W., & Wible, C. G. (2007). Functional imaging of word priming in males with chronic schizophrenia. *Neuroimage, 35*, 273-282.

Leslie, A. M., Knobe, J., & **Cohen, A.** (2006). Acting intentionally and the side-effect effect: 'Theory of mind' and moral judgment. *Psychological Science, 17*, 421-427.

#### **MANUSCRIPTS UNDER REVIEW, SUBMITTED, OR IN PREPARATION**

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Cohen, A. S. & German, T. C. (submitted). Theory of mind as a cognitive reflex.

Cohen, A. S., Miller, M. B., German, T. C., & Grafton, S. T. (submitted). Repetition suppression fMRI reveals “strongly” and “weakly” specialized components in the theory of mind network.

Cohen, A. S., Kim, S., & Maximos, M. (in prep\*). Visual perspective and theory of mind: Direct tests of simulation theory and modularity theory in children and adults.

Cohen, A. S., Liu, D., German, T. C., & Bernstein, D. (in prep\*). Eye-tracking belief tracking: Evidence for automatic theory of mind.

Cohen, A. S., Ristic, J., & German, T. C. (in prep\*). Development of social attention: Testing reflexive orienting to eye gaze, pointing, and arrows in 9-month-olds and adults.

Horowitz, E., Cohen, A. S., Marcoulides, K., & German, T. C. (in prep\*). Pragmatic demands contribute to preschool children's difficulty understanding that an entity can be described in multiple ways.

\* For manuscripts listed “in preparation,” the data have been collected and analyzed and a manuscript is being prepared.

## GRANTS, FELLOWSHIPS, AND AWARDS

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2016-2018	Western Strategic Support NSERC Grant (\$25,000)
2016	Social Science Research Fund Grant (\$10,000)
2014	Faculty Research Development Fund, Small Grant (\$3485)
Summer 2010	NSF East Asia and Pacific Summer Institute Fellowship (~\$10,000)
Spring 2004	Phi Beta Kappa

## OTHER ACADEMIC ACTIVITIES

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Summer 2009	Summer Institute in Cognitive Neuroscience, Sage Center, UCSB
Summer 2003	Workshop in Cognitive Science and Cognitive Neuroscience, Institute for Research in Cognitive Science and the Center for Cognitive Neuroscience, University of Pennsylvania

## CONFERENCE PRESENTATIONS

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- Cohen, A. S.**, Miller, M. B., German, T. C., & Grafton, S. T. (2016, June). Employing fMRI to characterize the “proper” and “actual” domain of the theory of mind system. Paper presented at the annual meeting of the Human Behavior and Evolution Society, Vancouver, BC.
- Cohen, A. S.**, Kim, S., & Maximos, M. (2015, March). Manipulating Visual Perspective to Test Core Knowledge and Simulation Accounts of Theory of Mind. Paper presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- Cohen, A. S.** (2015, March). “New Perspectives on Theory of Mind” Symposium. Discussant at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- Cohen, A. S.**, Kim, S., & Maximos, M. (2015, January). Manipulating Visual Perspective to Test Core Knowledge and Simulation Accounts of Theory of Mind. Paper presented at the annual meeting of the Conference on Cognitive Development, Budapest, Hungary.
- \*Sasaki, J. Y., \***Cohen, A. S.**, German, T. C., & Kim, H. S. (2013, September). Seeing Mixed Signals: Cultural Differences in Automatic Social Attention Shifting. Paper presented at the annual meeting of the Society of Experimental Social Psychology, Berkeley, California.
- \*co-presenters
- Cohen, A. S.**, Sasaki, J. Y., & German, T. C. (2013, July). Specialized mechanisms for theory of mind: Are mental representations special because they are mental or because they are representations? Paper presented at the annual meeting of the Human Behavior and Evolution Society, Miami, Florida
- Cohen, A. S.**, Sasaki, J. Y., & German, T. C. (2013, April). Specialized mechanisms for theory of mind: Are mental representations special because they are mental or because they are

representations? Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, Washington.

**Cohen, A. S.**, Liu, D., Bernstein, D., & German, T. C. (2011, April). Eye movements and reaction times reveal automatic belief computation under minimal cue conditions. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

German, T. C., & **Cohen, A. S.** (2011, April). Co-Option of Mechanisms Supporting Theory of Mind. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

**Cohen, A. S.**, Yahata, N., Hashimoto, R., Kato, N., Kasai, K., Grafton, S. T., German, T. C. (2010, September). fMRI repetition-suppression reveals domain-specific and domain-general components of the theory of mind network. Poster presented at the annual meeting of the Japanese Neuroscience Society, Kobe, Japan.

**Cohen, A. S.**, Ristic, J., & German, T. C. (2009, April). Development of social attention: Testing reflexive orienting to eyes, hands, and arrows in 9-month-olds and adults. Poster presented at the biannual meeting of the Society for Research in Child Development, Denver, CO.

**Cohen, A. S.**, & German, T. C. (2008, July). The relationship between automatic processing and performance demands in “theory of mind”. Poster presented at the annual meeting of the Cognitive Science Society, Washington D.C.

## **INVITED TALKS**

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York University, Department of Psychology, February, 2016

Rutgers University, Rutgers Center for Cognitive Science, December, 2013

University of Waterloo, Department of Psychology (developmental area), March, 2013

University of Western Ontario, Speech and Language Seminar Series, January, 2013

York University, Department of Psychology (social area), November, 2012

York University, Cognitive Science Program, October, 2012

University of Western Ontario, Department of Psychology, March, 2012

University of California, Santa Barbara, Department of Psychology (social area), April, 2011

## **SUPERVISING**

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### **Graduate Students**

Isu Cho, 2015-present

Nahal Kamkar, 2015-present (awarded NSERC-CGS, 2016-2017)

### **Undergraduate honors theses**

Maya Bozorgzad, 2014-2015

Sahar El-Kotob, 2014-2015

Ashley-Nicole Harrison, 2014-2015

Micaela Jacobson, 2014-2015

Danna Zevy, 2014-2015  
Haley Fallowfield, 2012-2013 (recipient of CPA's Certificate of Academic Excellence for thesis)  
Aaron Bengall, 2012-2013

### **Independent studies**

Patricia Michaan, 2016-present  
Andrea Sandstrom, 2016-present  
Andrada Balanean, 2016-present  
Elizabeth Harris, 2015-present  
Emily Wilson, 2015-2016  
Melody Maximos, 2013-2014  
Tonya Pan, 2008-2009 (awarded Undergraduate Research and Creative Activities Grant)  
Sunny Kim, 2008-2009 (awarded Undergraduate Research and Creative Activities Grant)

### **Work study**

Young Choi, 2016-present  
JP Teselink, 2016-present  
Jenny Lee, 2015-present  
Hunster Yang, 2015-present  
Vithusha Yogeswaran, 2014-present (Lab Manager, 2015-present)  
Salauddin Nasir, 2015-2016  
Laura Zielinski, 2014-2015 (Lab Manager)  
Taylor Calder, 2013-2014  
Sahar El-Kotob, 2013-2014 (Lab Manager)  
Praveen Thevarajah, 2013-2014

## **TEACHING EXPERIENCE**

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### **Instructor of record**

*University of Western Ontario*

Introduction to Developmental Psychology (Fall 2015, Fall 2014, Fall 2013, Winter 2013)  
Development of the Social Brain (Winter 2017, Winter 2016, Winter 2015)  
Evolutionary-Developmental Psychology (Winter 2017, Winter 2016)  
Graduate seminar: Evolutionary perspectives on development (Winter 2014)

*University of California, Santa Barbara*

Developmental Psychology (Summer 2011, Summer 2009)  
Introduction to Perception (Summer 2011)

## **PROFESSIONAL MEMBERSHIP**

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Society for Research and Child Development  
Human Behavior and Evolution Society  
Cognitive Science Society  
Cognitive Neuroscience Society  
Psychonomic Society  
Society for Philosophy and Psychology

## **PROFESSIONAL ACTIVITIES**

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Reviewer (ad hoc): Journal of Experimental Psychology: General, Journal of Experimental Child Psychology, Developmental Psychology, Philosophical Psychology, Review of Philosophy and Psychology

Conference Abstract Reviewer: Social Cognition Panel, 2015 Meeting of the Society for Research in Child Development

Book Reviewer: MIT Press

## **SERVICE**

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### **University**

Faculty of Science Council (2012-present)

### **Departmental**

Workload and Resources Planning Committee (2015-present)

Ethics and Subject Pool Committee (2016-present)

Appointments Executive Committee (2014-2016)

Graduate Affairs Committee (2013-2015)

Annual Performance Evaluation Executive Committee (2013-2014)

Graduate Award and Selection Committee (2012-2013)

United Way Campaign - Psychology representative (2012-2013)

## **COMPUTING SKILLS**

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### **Technical packages**

- Numerical computing: MATLAB; GNU Octave
- Experimental design: PsychoPy; OpenSesame; E-Prime (v2.0 and v1.x); Psychophysics Toolbox
- Statistics: R; JASP
- fMRI: SPM(99/2/5/8) and various toolboxes
- structural MRI: 3D Slicer; morphometric analysis: Bin Pablo
- Eye tracking: Clearview & E-Prime extensions for Tobii; SMI

### **OS/Shell**

- Linux (Ubuntu, Mint, Fedora, Red Hat); Unix (Solaris); MacOS X; Windows

### **Projects**

- Development of software for processing and analyzing eye tracking data (MATLAB)
- Development of software for processing and analyzing MRI and fMRI data (MATLAB; shell scripts)