# Desmond C. Ong

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## Research Interests

My core research interests are in <u>Computational Affective Cognition</u>: building computational models of how humans reason about emotions. At a basic level, I distill insights from affective science and cognitive psychology into formal and precise models of reasoning about emotions. I aim to apply these models to build computational agents that reason about emotions (affective computing/robotics) and in studying disordered affective cognition (i.e., in mental disorders).

In my research, I take an interdisciplinary approach, theoretically grounded in cognitive science and affective science, along with tools from computer science (probabilistic modeling and programming; machine learning; natural language processing; social network analyses) and behavioral economics (economic games and analyses). I also apply modeling to study empathy, Theory of Mind (i.e., reasoning about others' mental states), and prosocial behavior.

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## Education

2017    Ph.D., Psychology (Cognitive Psychology and Affective Science), Stanford University

2017    M.S., Computer Science (Specialization in Artificial Intelligence), Stanford University

2014    M.A., Psychology, Stanford University

2011    B.A., Economics (*summa cum laude*; top in class),
         and Physics (*magna cum laude*; top three in class),
         with minors in Cognitive Studies; and in Information Science,
         Cornell University

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## Professional Appointments

2019 - present
Assistant Professor of Information Systems and Analytics
         School of Computing, National University of Singapore

2017 – present
Research Scientist and Work Package Lead
         A*STAR Artificial Intelligence Initiative (A*AI),
         Agency for Science, Technology and Research (A*STAR), Singapore
and
         Institute for High Performance Computing (IHPC),
         Agency for Science, Technology and Research (A*STAR), Singapore

### Past Appointments

2011 – 2012    Research Engineer
         Data Storage Institute (DSI),
         Agency for Science, Technology and Research (A*STAR), Singapore

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## Awards, Honors, Fellowships

2015    Computational Social Science Fellowship, Institute for Research in the Social Sciences, Stanford

2014    Society for Personality and Social Psychology Graduate Student Travel Award

Desmond C. Ong, Ph.D.

2012  National Science Scholarship: PhD (NSS-PhD)
    Agency for Science, Technology and Research (A*STAR), Singapore
    Funding period: 2012 – 2017
    *Full tuition and stipend support for graduate studies.*

2011  Paul Hartman Prize in Applied Physics, Cornell
    *Awarded for outstanding work in experimental physics by an undergraduate in Physics or Applied Physics.*

2011  Omicron Delta Epsilon
    *International Honor Society in Economics*

2011  Phi Beta Kappa
    *Honor Society in the Arts and Sciences*

2011  A*STAR Chairman's Honours List
    *For outstanding academic performance*

2009  Hunter R. Rawlings III Cornell Presidential Research Scholarship
    Funding period: 2009 – 2011
    *Undergraduate research scholarship with a research grant of $5,000.*

2006  National Science Scholarship: B.S. (NSS-BS)
    Agency for Science, Technology and Research (A*STAR), Singapore
    Funding period: 2008 – 2011
    *Full tuition and stipend support for undergraduate studies.*

## Research Grants

10. "Semantic and Map-lite Indoor Visual Navigation"
    National Robotics Programme (to PI: K.W. Wan)
    2019 – 2021. Role: Co-Investigator

9.  "Scalable Mindset Interventions to Nurture Strategic, Self-Regulated Learners"
    Singapore Millennium Foundation Grant (to PI: P. Chen)
    2018 – 2021. Role: Interdisciplinary Collaborator

8.  "Human-Centric AI (CHEEM) Research Project"
    A*STAR Science and Engineering Research Council
    (to Programme Managers K. Kwok, C. Tan)
    2017 – 2020. Role: Work Package Lead

7.  "Computational and brain predictors of emotion cue integration"
    National Institutes of Health 1R01MH112560-01 (to PI: J. Zaki)
    2017 – 2022. Role: Other Significant Contributor (key personnel)

6.  "Annotating a corpus of emotional narratives"
    Dissertation Research Funds, Department of Psychology, Stanford,
    2015 – 2016. Role: PI

5.  "Continuous Multimodal Emotion Inference"
    Computational Social Science Fellowship Grant,
    Institute for Research in the Social Sciences, Stanford
    2015 – 2016. Role: PI

4.  **"**Studying the determinants of paying it forward"
    Norman H. Anderson Research Grant, Department of Psychology, Stanford,
    2012 – 2013. Role: PI

3.  "Serial Reciprocity: What makes us want to 'pass it on'?"
    Einhorn Discovery Grant, College of Arts and Sciences, Cornell,
    2010 – 2011. Role: PI

2. "Serial Reciprocity: What makes us want to 'pass it on'?"
   College of Arts and Sciences Undergraduate Research Grant, Cornell,
   2010 – 2011. Role: PI

1. "Studying packing in asymmetric dimer particles"
   Hunter R. Rawlings III Cornell Presidential Research Scholarship, Cornell,
   2009 – 2011. Role: PI

## Publications

Links to sortable lists of publications, and associated code and data, can be found on my website

24. Wu, Z., Zhang, X., Zhi-Xuan, T., Zaki, J. & **Ong, D. C.** (2019). Attending to Emotional Narratives. *To be presented at Affective Computing and Intelligent Interaction (ACII) 2019.*

23. Tan, Z.-X., & **Ong, D. C.** (2019). Bayesian Inference of Social Norms as Shared Constraints on Behavior. In *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*.

22. Asaba, M.*, **Ong, D. C.***, & Gweon, H. (in press). Integrating expectations and outcomes: Preschoolers' developing ability to reason about others' emotions. *Developmental Psychology*.

21. **Ong, D. C.**, Soh, H., Zaki, J., & Goodman, N. D. (in press). Applying Probabilistic Programming to Affective Computing. *IEEE Transactions on Affective Computing*.

    [†]Material from this paper will be presented at a Tutorial at *Affective Computing and Intelligent Interaction*, September 2019, UK, and was presented at a tutorial at A*STAR, June 2018

20. Tan, Z.-X.*, Goel, A.*, Nguyen, T.-S.*, & **Ong, D. C.** (2019). A Multimodal LSTM for Predicting Listener Empathic Responses over time. Presented at the *OMG-Empathy Challenge workshop at the 14th IEEE International Conference on Automatic Face and Gesture Recognition (FG) 2019.*
    * equal contribution

19. Xie, Y., Bodala, I. P., **Ong, D. C.**, Hsu, D., & Soh, H. (2019). Robot Capability and Intention in Trust-based Decisions across Tasks. In *Proceedings of the 14th ACM/IEEE Conference on Human-Robot Interaction (HRI)*, 39-47.

18. **Ong, D. C.**, Zaki, J., & Goodman, N. D. (2019). Computational models of emotion inference in Theory of Mind: A review and roadmap. *Topics in Cognitive Science*, 11(2), 338-357.

17. Williams, W. C., Morelli, S. A., **Ong, D. C.**, & Zaki, J. (2018). Interpersonal emotion regulation: Implications for affiliation, perceived support, relationships, and well-being. *Journal of Personality and Social Psychology*, 115(2), 224-254.

16. **Ong, D. C.**, Goodman, N. D., & Zaki, J. (2018). Happier than thou? A self-enhancement bias in emotion attribution. *Emotion*, 18(1), 116-126.

15. Morelli, S. A., **Ong, D. C.**, Makati, R., Jackson, M. O., & Zaki, J. (2017). Empathy and well-being correlate with centrality in different social networks. *Proceedings of the National Academy of Sciences*, 114(37), 9843-9847.

14. **Ong, D. C.**, Zaki, J., & Gruber, J. (2017). Increased cooperative behavior across remitted bipolar I disorder and major depression: Insights utilizing a behavioral economic trust game. *Journal of Abnormal Psychology*, 126(1), 1-7.

13. Chen, P., Chavez, O., **Ong, D. C.**, & Gunderson, B. (2017). Strategic Resource Use for Learning: A Self-administered Intervention that Guides Effective Resource Use Enhances Academic Performance. *Psychological Science*, 28(6), 774-785.

12. **Ong, D. C.**\*, Asaba, M.\*, & Gweon, H. (2016). Young children and adults integrate past expectations and current outcomes to reason about others' emotions. In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society*, 135-140.
    \* equal contribution

11. **Ong, D. C.**, Zaki, J., & Goodman, N. D. (2016). Emotions in lay explanations of behavior. In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society*, 360-365.

10. Devlin, H. C., Zaki., J., **Ong, D. C.**, & Gruber, J. (2016). Tracking the emotional highs, but missing the lows: Hypomania Risk is associated with positively biased empathic accuracy inference. *Cognitive Therapy and Research*, 40(1), 72-79.

9. Nook, E., **Ong, D. C.**, Morelli, S. A., Mitchell, J. P., & Zaki, J. (2016). Prosocial Conformity: Social norms motivate broad generosity and empathy. *Personality and Social Psychology Bulletin*, 42(8), 1045-1062.

8. **Ong, D. C.**, Zaki, J., & Goodman, N. D. (2015) Affective Cognition: Modeling reasoning about emotion. *Cognition*, 143. 141-162.

7. **Ong, D. C.**, Goodman, N. D., & Zaki, J. (2015). Near-misses sting even when they are uncontrollable. In *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*, 1775-1780.

6. Phillips, J.\*, **Ong, D. C.\***, Surtees, A. D. R., Xin, Y., Williams, S., Saxe, R., & Frank, M. C. (2015). A second look at automatic false belief representation: reconsidering Kovács, Téglás, and Endress (2010). *Psychological Science*, 26(9), 1353-1367.
    \* equal contribution

5. Devlin, H. C., Zaki., J., **Ong, D. C.**, & Gruber, J. (2014). Not as Good as You Think? Trait Positive Emotion is Associated with Increased Self-Reported Empathy but Decreased Empathic Performance. *PLOS ONE,* 9 (10), e110470

### Previous work in physics and optics

4. Leahy, B. D., Cheng, X., **Ong, D. C.**, Liddell-Watson, C., & Cohen, I. (2013) Enhancing rotational diffusion using oscillatory shear. *Physical Review Letters,* **110**, 228301.

3. **Ong, D. C.**, Solanki, S., Liang, X., & Xu, X. W. (2012). Analysis of laser speckle severity, granularity, and anisotropy using the power spectral density in polar-coordinate representation. *Optical Engineering,* **51**, 054301.

2. Gerbode, S. J., **Ong, D. C.**, Liddell, C. M., & Cohen, I. (2010). Dislocations and vacancies in two-dimensional mixed crystals of spheres and dimers. *Physical Review E*, **82**, 041404.

1. Gerbode, S. J., Agarwal, U., **Ong, D. C.**, Liddell, C. M., Escobedo, F., & Cohen, I. (2010). Glassy dislocation dynamics in 2-D colloidal dimer crystals. *Physical Review Letters,* **105**, 078301.

## Conference Symposia and Talks

*Chaired Conference Symposia*

6. Symposium: How people think they're better than others and why it matters: consequences for social relationships, emotions, the courtroom, and online romance.
   Chairs: **Ong, D. C.**, & Hughes, B. L.
   Contributed symposium at the Seventeenth Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA, January 2016.
   Speakers: Clayton Critcher, **Desmond Ong**, Mark Alicke, Emily Yeh

**Ong, D. C.**, Goodman, N. D., & Zaki, J. (January 2016). Happier than thou: an egocentric positivity bias in emotion attribution. Talk given at the Seventeenth Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

5. Symposium: Understanding Affective Cognition: Frontiers in modeling reasoning about others' emotions.
Chairs: **Ong, D. C.**, Zaki, J., & Goodman, N. D.
Contributed symposium at the 36th Annual Meeting of the Cognitive Science Society, Quebec City, QC, Canada, July 2014.
Speakers: Amy Skerry, **Desmond Ong**, Yang Wu, Andrew Meltzoff

**Ong, D. C.**, Zaki, J., & Goodman, N. D. (July 2014). Modeling lay theories of emotion attribution. Talk given at the 36th Annual Meeting of the Cognitive Science Society, Quebec City, QC, Canada.

### Contributed Conference Talks

5. Chen, P. C., Chavez, O., **Ong, D. C.**, & Gunderson, B. (May 2018). Strategically-Directed Effort: Self-Reflective Resource Use Promotes Better Academic Outcomes. Talk given by D. C. Ong at the 11th Meeting of the Society for the Science of Motivation, San Francisco, CA.

4. **Ong, D. C.**, Zaki, J., & Goodman, N. D. (April 2017). Towards studying affective cognition in naturalistic contexts. Talk given at the Affective Computing Pre-Conference, at the Society for Affective Science Annual Conference, Boston, MA.

3. **Ong, D. C.**, Goodman, N. D., & Zaki, J. (July 2015). Near-misses sting even when they are uncontrollable. Talk given at the 37th Annual Meeting of the Cognitive Science Society, Pasadena, CA.

2. **Ong, D. C.**, Zaki, J., & Goodman, N. D. (February 2015). Modeling lay theories of emotion attribution. Talk in symposium ("Beliefs About Emotion: Outcomes at the Individual, Interpersonal, and Cultural Levels") at the Sixteenth Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.

1. **Ong, D. C**, Goodman, N. D., & Zaki, J. (February 2014). Differences in intuitive theories of emotion along psychological distance. Talk given at the Emotion Preconference of the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

## Contributed Posters and other presentations

25. Asaba, M., **Ong, D. C.**, & Gweon, H. (April 2017). Young children and adults integrate past expectations and current outcomes to reason about others' emotions. Poster presented by M. Asaba at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, TX.

24. Makati, R., Morelli, S., **Ong, D. C.**, Jackson, M. O., & Zaki, J. (January 2016). Empathy and Extraversion: Key Predictors of Connectedness and Wellbeing in Social Networks. Poster presented by R. Makati at the Seventeenth Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

23. Nook, E. C., **Ong, D. C.**, Morelli, S. A., Mitchell, J. P., & Zaki, J. (May 2014). Prosocial conformity: Persistence, generalization, and boundary conditions. Poster presented by E. Nook at the 26th Annual Convention of the Association for Psychological Science (APS), San Francisco, CA.

22. **Ong, D. C.**, Goodman, N. D., & Zaki, J (April 2014). First and Third Person Intuitive Theories of Emotion. Poster presented at the Inaugural Meeting of the Society for Affective Science, Bethesda, MD.

21. Devlin, H. C., Zaki., J., **Ong, D. C**., & Gruber, J. (February 2014). Not as Good as You Think? Trait Positive Emotion is Associated with Increased Empathic Confidence but Decreased Empathic Performance. Poster presented by H. C. Devlin at the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

20. **Ong, D. C**, Goodman, N. D., & Zaki, J. (February 2014). Bayesian Integration of Emotional Cues. Poster presented at the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
    **SPSP Graduate Student Travel Award**

19. **Ong, D. C**, Zaki, J, & Goodman, N.D. (October 2013). Computational Affective Cognition: Modeling reasoning about emotions. Poster presented at Computational Psychiatry 2013, Miami, FL.

18. **Ong**, **D. C.,** Zaki, J., & Goodman, N. D. (January 2013). Building a computational model of emotion inference. Poster presented at the Emotion Preconference of the Fourteenth Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.

    *Previous work in physics and vision*

17. Leahy, B., Cheng, X., **Ong, D. C.**, Liddell-Watson, C. & Cohen, I. (October 2013). Enhancing rotational diffusion using oscillatory shear. Presented by B. Leahy at the 85th Annual Meeting of the Society of Rheology, Montréal, QC.

16. Leahy, B., **Ong, D.**, Cheng, X., & Cohen, I. (March 2013). Revisiting Taylor Dispersion: Differential enhancement of rotational and translational diffusion under oscillatory shear. Presented by B. Leahy at the American Physical Society March Meeting 2013, Baltimore, MD.

15. **Ong, D. C.**, Hayes, A., & Field, D. J. (May 2012). Contour change detection in the periphery: threshold as a function of temporal interval. Poster presented at the 12th Annual Meeting of the Vision Sciences Society, Naples, FL.
    **Travel Grant awarded by the Cognitive Science Program @ Cornell**

14. Field, D. J., **Ong, D. C.**, & Hayes, A. (May 2012). Translation invariance with a contour integration task. Poster presented at the 12th Annual Meeting of the Vision Sciences Society, Naples, FL.
    * Co-presenter
    **Travel Grant awarded by the Cognitive Science Program @ Cornell**

13. Leahy, B., **Ong, D.**, Cheng, X., & Cohen, I. (March 2012). Anisotropic Diffusion of Colloidal Particles in a Shear Flow. Presented by B. Leahy at the American Physical Society March Meeting 2012, Boston, MA.

12. **Ong**, **D. C.**, Cheng, X., & Cohen, I. (June 2011). Enhanced and diminished diffusion of dimer particles by oscillatory shear. Talk given at the 11th New York Complex Matter Workshop, Syracuse University, Syracuse, NY.

11. **Ong, D. C.** (April 2011). Serial Reciprocity: What makes us want to "Pass It On"? Poster presented at the 26th Annual Spring Undergraduate Research Forum, Cornell Undergraduate Research Board, Ithaca, NY.

10. **Ong**, **D. C.**, Cheng, X., & Cohen, I. (April 2011). Tumbling Motion of Brownian Dimer Particles under Shear. Poster presented at the 26th Annual Spring Undergraduate Research Forum, Cornell Undergraduate Research Board, Ithaca, NY.

9. **Ong, D. C.**, (April 2011). Serial Reciprocity: What makes us want to "Pass It On"? Talk given at the Hunter R. Rawlings III Cornell Presidential Research Scholars Senior Expo, Ithaca, NY.

8. **Ong, D. C.** (April 2011). Serial Reciprocity: What makes us want to "Pass It On"? Talk given at the National Conference on Undergraduate Research 2011, Ithaca College, Ithaca, NY.

7. **Ong**, **D. C.**, Cheng, X., & Cohen, I. (April 2011). Tumbling motion of Brownian Symmetric-Dimer

Colloidal Particles under Shear. Talk given at the National Conference on Undergraduate Research 2011, Ithaca College, Ithaca, NY.

6. **Ong**, **D. C.**, Gerbode, S., & Cohen, I. (June 2010). Of Zippers and Restricted Dislocations in colloidal crystals of spheres and dimers. Talk given at the 10th New York Complex Matter Workshop, Cornell University, Ithaca, NY.

5. **Ong**, **D. C.**, Gerbode, S., & Cohen, I. (April 2010). Peanuts and Oranges: Dislocation Dynamics in mixed crystals of dimers and spheres. Talk and poster presentation at the 25th Annual Spring Undergraduate Research Forum, Cornell Undergraduate Research Board, Ithaca, NY.

4. Gerbode, S., **Ong, D.**, Agarwal, U., Liddell, C., Escobedo, F., & Cohen, I. (March 2010). Glassy Dislocation Relaxation in Colloidal Peanut Crystals. Presented by S. Gerbode at the American Physical Society March Meeting 2010, Portland, OR.

3. **Ong**, **D. C.**, Gerbode, S., & Cohen, I. (May 2009). From Oranges to Peanuts to Pears: Packing in asymmetric dimer colloids. Talk given at the ICAM-I2CAM Soft Active Matter Workshop / 8th New York Complex Matter Workshop, Syracuse University, Syracuse, NY.

2. **Ong**, **D. C.**, Gerbode, S., & Cohen, I. (April 2009). Spheres, Pears and Peanuts: Packing in asymmetric dimer colloids. Talk and poster presentation given at the 24th Annual Spring Undergraduate Research Forum, Cornell Undergraduate Research Board, Ithaca, NY.

1. **Ong**, **D. C.**, Gerbode, S., & Cohen, I. (Dec 2008). Dislocations in Colloidal Dimer Crystals. Talk given at the 7th New York Complex Matter Workshop, Cornell University, Ithaca, NY.

## Invited Talks

13. June 2019. Probabilistic Machine Learning Seminar, Uber AI Labs, San Francisco, USA.

12. September 2018. Seminar, Department of Information Systems and Analytics, National University of Singapore

11. September 2018. Seminar, Department of Computer Science, National University of Singapore

10. September 2018. Seminar, Department of Psychology, National University of Singapore

9. April 2017. Computational Cognitive Neuroscience/Moral Psychology Research Lab Meeting, Department of Psychology, Harvard University

8. April 2016. Affective Area Seminar, Department of Psychology, Stanford University

7. March 2016. Cognition and Neuroscience Area Seminar, Department of Psychology, Stanford University

6. March 2016, Humanities Arts and Social Sciences Seminar, Singapore University of Technology and Design

5. February 2015. Affective Area Seminar, Department of Psychology, Stanford University

4. January 2015. Affective Area Seminar, Department of Psychology, Stanford University

3. October 2013. Affective Area Seminar, Department of Psychology, Stanford University

2. August 2013. Positive Emotion and Psychopathology Lab Meeting, Department of Psychology, Yale University

1. April 2013. Cognition and Neuroscience Area Seminar, Department of Psychology, Stanford University

Desmond C. Ong, Ph.D.

## Teaching Experience

7.  Teaching Assistant, Psych 204: Computation and Cognition: The Probabilistic Approach
    (Graduate)
    Stanford University, Spring, 2015. Instructor: Noah D. Goodman

6.  Teaching Assistant, Psych 254: Lab in Experimental Methods (Graduate)
    Stanford University, Winter, 2015. Instructor: Michael C. Frank

5.  Teaching Assistant, Psych 90: Intro to Clinical Psychology (Undergraduate)
    Stanford University, Fall 2014. Instructor: Ian Gotlib

4.  Teaching Assistant, Psych 80: Intro to Personality and Affective Science (Undergraduate)
    Stanford University, Spring 2014. Instructor: Jeanne Tsai

3.  Teaching Fellow, Psych 1: Intro to Psychology (Undergraduate)
    Stanford University, Winter 2014. Instructors: Jamil Zaki, Bridgette Hard

2.  Teaching Fellow, Psych 1: Intro to Psychology (Undergraduate)
    Stanford University, Fall 2013. Instructors: James Gross, Bridgette Hard

1.  Physics Tutor, Physics Learning Strategies Center, Cornell University, 2010-2011
    *Provided supplementary help for students taking freshman and sophomore-level physics classes*

    Guest Lectures:
    "An Introduction to (Deep) Probabilistic Programming" (Apr 2019), in CS 5340: Uncertainty
        Modelling in AI, National University of Singapore
    "Computational Cognitive Modeling" (Feb 2018), in CS 6281: Human-Centered AI, National
        University of Singapore
    "Emotions in the workplace" (Feb 2018, Sep 2018), in PL 3239: Industrial/Organizational
        Psychology, National University of Singapore

    Tutorials

    **Ong, D. C.**, Tan, Z.-X., Soh, H., Zaki, J., & Goodman, N. D. (2019). "Integrating Theory-Driven and
        Data-Driven Approaches to Affective Computing via Deep Probabilistic Programming".
        Tutorial to be taught at *Affective Computing and Intelligent Interaction*, Cambridge, UK,
        September 2019.

    **Ong, D. C.**, & Goodman, N. D. (2018). "Applying Probabilistic Programming to building Human-
        Centric AI Technologies". Tutorial co-taught with Noah Goodman, at A*STAR, June 2018

## Training and Courses attended

5.  Brains, Minds and Machines Summer Course, August 2018
        Organized by the Center for Brains, Minds and Machines, and held at Marine Biological
        Laboratory, Woods Hole, MA
        All costs (tuition, room, board) and a Travel Award generously provided by an NSF award
        to the Center for Brains, Minds and Machines.

4.  Facial Action Coding Systems (FACS) Workshop, Berkeley CA, March 2017
        Passed FACS certification

3.  Learning by Design: Designing Courses for Effective Student Learning, September 2016
        Stanford Graduate Summer Institute; Organized by the Office of the Vice Provost for
        Graduate Education, taught and sponsored by the Office of the Vice Provost for Teaching &
        Learning, Stanford

Desmond C. Ong, Ph.D.

2. Summer Workshop in Computational Social Science, September 2013
     Organized by the Institute for Research in the Social Sciences (IRiSS), Stanford University

1. RIKEN Brain Sciences Institute Summer Programme, in Saitama, Japan, July 2012
     Travel Grant awarded by the A*Star Graduate Academy

## Professional Services

Faculty Search Committee, Stanford University Department of Psychology,
     Cognitive Area, 2014-2015

Graduate Admissions Committee, Stanford University Department of Psychology,
     Affective Science Area, 2013-2014

Area Seminar Committee, Stanford University Department of Psychology,
     Cognitive Area, 2014-2015
     Affective Science Area, 2013-2014

Ad-hoc reviewer
Journals: *Psychological Science*; *Cognition*; *Emotion*; *Perspectives on Psychological Science*; *Journal of Neuroscience, Psychology, and Economics*; *Scandinavian Journal of Psychology*; *Optical Engineering*
Cognitive Science Conferences: *Cognitive Science Society (CogSci 2015-2019)*, *Society for Philosophy and Psychology (SPP 2016)*
Computer Science Conferences: *Empirical Methods in Natural Language Processing (EMNLP 2015)*, *Association for the Advancement of Artificial Intelligence* (*AAAI 2019*), *Human-Robot Interaction* (*HRI 2019*)

## Professional Memberships

2014 -   Cognitive Science Society
2013 -   Society for Personality and Social Psychology (SPSP)
2014 -   Society for Affective Science (SAS)
2018 -   IEEE and IEEE Computer Society

## References

Noah D. Goodman
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