

# SANGEET KHEMLANI

sunny.khemlani@nrl.navy.mil

Intelligent Systems Section  
Navy Center for Applied Research in Artificial Intelligence  
Naval Research Laboratory

Code 5515  
4555 Overlook Ave. SW  
Washington, DC 20375  
Last updated: **2017-09-19**

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## POSITIONS

- 2014- **Cognitive Scientist**  
Navy Center for Applied Research in Artificial Intelligence  
Naval Research Laboratory, Washington, DC
- 2011-2014 **Postdoctoral Fellow**  
Navy Center for Applied Research in Artificial Intelligence  
Naval Research Laboratory, Washington, DC
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## EDUCATION

- 2011 **PhD in Cognitive Psychology**  
Department of Psychology  
Princeton University, Princeton, NJ
- 2008 **MA in Cognitive Psychology**  
Department of Psychology  
Princeton University, Princeton, NJ
- 2006 **BS in Psychology and Electronic Arts**  
School of Humanities, Arts, and Social Sciences  
Rensselaer Polytechnic Institute, Troy, NY
- 

## HONORS & AWARDS

- 2015 “IngeniUS” early-career role model, Department of Defense
- 2014 Jerome and Isabella Karle Fellow, Naval Research Laboratory
- 2013 “Rising Star”, Association for Psychological Science
- 2011 National Research Council Research Fellow, National Academy of Sciences
- 2007 Graduate Research Fellow, National Science Foundation
- 2006 Walker McKinney Life Sciences Fellow, Princeton University
- 

## FUNDING

- 2016-2018 **Contextual modeling and spatiotemporal reasoning for autonomous systems**  
Office of Naval Research (Co-PI with D. Aha and G. Trafton)
- 2016-2018 **Causal inference in a computational model of human reasoning**  
Naval Research Laboratory (Co-PI with P. Bello)
- 2013-2015 **Coherent and accurate status updates**  
Office of Naval Research (Technical lead; PI: G. Trafton)
- 2011-2014 **Explanatory reasoning in cognitive robotics and human-robot interaction**  
National Research Council (Principal Investigator)
- 2009-2012 **Deductive and probabilistic reasoning**  
National Science Foundation (Technical lead; PI: P. Johnson-Laird)

- 2017 Hiatt, L., Narber, C., Bekele, E., **Khemlani, S.**, & Trafton, J. G. (2017). Human modeling for human-robot collaboration. *International Journal of Robotics Research*.
- Khemlani, S.**, & Johnson-Laird, P.N. (2017). Illusions in reasoning. *Minds & Machines*, 27, 11–35.
- 2016 Bucciarelli, M., Mackiewicz, R., **Khemlani, S.**, & Johnson-Laird, P. N. (2016). Children’s creation of algorithms: simulations and gestures. *Journal of Cognitive Psychology*, 28, 297-318.
- 2015 Johnson-Laird, P. N., **Khemlani, S.**, & Goodwin, G.P. (2015). Logic, probability, and human reasoning. *Trends in Cognitive Sciences*, 19, 201-214.
- Johnson-Laird, P. N., **Khemlani, S.**, & Goodwin, G.P. (2015). Response to Baratgin et al.: Mental models integrate probability and deduction. *Trends in Cognitive Sciences*, 19, 548-549.
- Khemlani, S.**, Harrison, A. M., & Trafton, J. G. (2015). Episodes, events, and models. *Frontiers in Human Neuroscience*, 9, 590, 1-13.
- Khemlani, S.**, Lotstein, M., & Johnson-Laird, P. N. (2015). Naive probability: Model-based estimates of unique events. *Cognitive Science*, 39, 1216–1258.
- Khemlani, S.**, Lotstein, M., Trafton, J.G., & Johnson-Laird, P. N. (2015). Immediate inferences from quantified assertions. *Quarterly Journal of Experimental Psychology*, 68, 2073–2096.
- 2014 **Khemlani, S.**, Barbey, A., & Johnson-Laird, P. N. (2014). Causal reasoning with mental models. *Frontiers in Human Neuroscience*, 8, 849, 1-15.
- Khemlani, S.**, Orenes, I., & Johnson-Laird, P. N. (2014). The negation of conjunctions, conditionals, and disjunctions. *Acta Psychologica*, 151, 1-7.
- Ragni, M., **Khemlani, S.**, & Johnson-Laird, P. N. (2014). The evaluation of the consistency of quantified assertions. *Memory & Cognition*, 42, 53-66.
- Sussman, A., **Khemlani, S.**, & Oppenheimer, D. (2014). Latent scope bias in categorization. *Journal of Experimental Social Psychology*, 52, 1-8.
- 2013 **Khemlani, S.**, & Johnson-Laird, P. N. (2013). Cognitive changes from explanations. *Journal of Cognitive Psychology*, 25, 139-146.
- Khemlani, S.**, & Johnson-Laird, P. N. (2013). The processes of inference. *Argument & Computation*, 4, 1-20.
- Khemlani, S.**, Mackiewicz, R., Bucciarelli, M., & Johnson-Laird, P. N. (2013). Kinematic mental simulations in abduction and deduction. *Proceedings of the National Academy of Sciences*, 110, 16766-16771.
- Prasada, S., **Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2013). Conceptual distinctions amongst generics. *Cognition*, 126, 405-422.
- Trafton, J. G., Hiatt, L.M., Harrison, A. M., Tamborello, F.P., II, **Khemlani, S.**, & Schultz, A.C. (2013). ACT-R/E: An embodied cognitive architecture for human-robot interaction. *Journal of Human Robot Interaction*, 2, 30-55.
- 2012 Hiatt, L.M., **Khemlani, S.**, & Trafton, J. G. (2012). An explanatory reasoning framework for embodied agents. *Biologically Inspired Cognitive Architectures*, 1, 23-31.
- Khemlani, S.** & Johnson-Laird, P. N. (2012). Hidden conflicts: Explanations make inconsistencies harder to detect. *Acta Psychologica*, 139, 486–491.
- Khemlani, S.**, & Johnson-Laird, P. N. (2012). Theories of the syllogism: A meta-analysis. *Psychological Bulletin*, 138, 427-457.
- Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2012). Inferences about members of kinds: The generics hypothesis. *Language and Cognitive Processes*, 27, 887–900.
- Khemlani, S.**, Lotstein, M., & Johnson-Laird, P. N. (2012). The probabilities of unique events. *PLOS ONE*, 7, e45975.
- Khemlani, S.**, Orenes, I., & Johnson-Laird, P. N. (2012). Negation: A theory of its meaning, representation, and use. *Journal of Cognitive Psychology*, 24, 541–559.
- 2011 **Khemlani, S.**, & Johnson-Laird, P. N. (2011). The need to explain. *Quarterly Journal of Experimental Psychology*, 64, 2276–88.
- Khemlani, S.**, & Oppenheimer, D. (2011). When one model casts doubt on another: A levels-of-analysis approach to causal discounting. *Psychological Bulletin*, 137, 195-210.
- Khemlani, S.**, Sussman, A., & Oppenheimer, D. (2011). *Harry Potter* and the sorcerer’s scope: Latent scope biases in explanatory reasoning. *Memory & Cognition*, 39, 527–535.
- Leslie, S.-J., **Khemlani, S.**, & Glucksberg, S. (2011). Do all ducks lay eggs? The generic overgeneralization effect. *Journal of Memory and Language*, 65, 15–31.

- 2010 **Khemlani, S.**, & Goodwin, G. (2010). The function and representation of concepts. *Behavioral and Brain Sciences*, 33, 216-217.
- Khemlani, S.** & Johnson-Laird, P.N. (2010). Explanations make inconsistencies harder to detect. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 2900-2905). Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Lee, N.Y.L., & Bucciarelli, M. (2010). Determinants of cognitive variability. *Behavioral and Brain Sciences*, 33, 37-38.
- 2009 **Khemlani, S.**, & Johnson-Laird, P. N. (2009). Disjunctive illusory inferences and how to eliminate them. *Memory & Cognition*, 37, 615–623.
- 2008 Bucciarelli, M., **Khemlani, S.**, & Johnson-Laird, P. N. (2008). The psychology of moral reasoning. *Judgment and Decision Making*, 3, 121–139.
- Neth, H., **Khemlani, S.**, & Gray, W. (2008). Feedback design for the control of a dynamic multitasking system: Dissociating outcome feedback from control feedback. *Human Factors*, 50, 643–651.

- 2017 Bello, P., Wasylyshyn, C., Briggs, G., & **Khemlani, S.** (2017). Contrasts in reasoning about omissions. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Hinterecker, T., & Johnson-Laird, P.N. (2017). The provenance of modal inference. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Trafton, J.G., Zish, K., McCurry, M., Hiatt, L., & **Khemlani, S.** (2017). A cognitive model of social influence. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- 2016 **Khemlani, S.** (2016). Automating human inference. In U. Furbach and C. Shon (Eds.), *Proceedings of the 2nd IJCAI Workshop on Bridging the Gap between Human and Automated Reasoning* (pp. 1–4). CEUR Workshop Proceedings.
- Khemlani, S.**, & Johnson-Laird, P. N. (2016). How people differ in syllogistic reasoning. In A. Papafragou, D. Grodner, D. Mirman, and J. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- 2015 Bello, P., & **Khemlani, S.** (2015). A model-based theory of omissive causation. In R. Dale, C. Jennings, P. Maglio, T. Matlock, D. Noelle, A. Warlaumont, & J. Yoshimi (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Goodwin, G.P., & Johnson-Laird, P.N. (2015). Causal relations from kinematic simulations. In R. Dale, C. Jennings, P. Maglio, T. Matlock, D. Noelle, A. Warlaumont, & J. Yoshimi (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, & Johnson-Laird, P.N. (2015). Domino effects in causal contradictions. In R. Dale, C. Jennings, P. Maglio, T. Matlock, D. Noelle, A. Warlaumont, & J. Yoshimi (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- 2014 **Khemlani, S.**, Barbey, A., & Johnson-Laird, P. N. (2014). Causal reasoning with mental models. *Frontiers in Human Neuroscience*, 8, 849, 1-15.
- Khemlani, S.**, Lotstein, M., & Johnson-Laird, P. N. (2014). A mental model theory of set membership. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, & Trafton, J. G. (2014). Percentile analysis for goodness-of-fit comparisons of models to data. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

- 2013 **Khemlani, S.**, Gartenberg, D., Park, K.H., & Trafton, J.G. (2013). Uncertainty can increase explanatory credibility. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.** & Johnson-Laird, P. N. (2013). Mental simulation and the construction of informal algorithms. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Trafton, J. G., & Johnson-Laird, P. N. (2013). Deduction as stochastic simulation. In R. West & T. Stewart (Eds.), *Proceedings of the 12th International Conference on Cognitive Modeling*.
- 2012 **Khemlani, S.** & Moore, A. (2012). Evaluative feedback improves deductive reasoning. In N. Miyake, D. Peebles, & R. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Orenes, I., & Johnson-Laird, P.N. (2012). Negating compound sentences. In N. Miyake, D. Peebles, & R. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, & Trafton, J. G. (2012). mReactr: A computational theory of deductive reasoning. In N. Miyake, D. Peebles, & R. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Trafton, J. G., Lotstein, M., & Johnson-Laird, P. N. (2012). A process model of immediate inferences. In N. Rußwinkel, U. Drewitz, & H. van Rijn (Eds.), *Proceedings of the 11th International Conference on Cognitive Modeling*. Berlin, Germany: University of Groningen.
- 2011 **Khemlani, S.**, Lotstein, M., & Johnson-Laird, P. N. (2011). What makes intensional estimates of probabilities inconsistent? In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1906-1911). Austin, TX: Cognitive Science Society.
- 2010 **Khemlani, S.** & Johnson-Laird, P.N. (2010). Explanations make inconsistencies harder to detect. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 2900-2905). Austin, TX: Cognitive Science Society.
- Kunze, N., **Khemlani, S.**, Lotstein, M., & Johnson-Laird, P.N. (2010). Illusions of consistency in quantified assertions. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 2028-2032). Austin, TX: Cognitive Science Society.
- 2009 Arkoudas, K., Bringsjord, S., & **Khemlani, S.** (2009). Qualitative spatial reasoning via 3-valued heterogeneous logic. In J.L.G. Dietz (Ed.), *Proceedings of the International Conference on Knowledge Engineering and Ontology Development 2009* (pp. 80-87). Porto, Portugal: INSTICC Press.
- Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2009). Generics, prevalence, and default inferences. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 443-448). Austin, TX: Cognitive Science Society.
- Leslie, S.-J., **Khemlani, S.**, Prasada, S., & Glucksberg, S. (2009). Conceptual and linguistic distinctions between singular and plural generics. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 479-484). Austin, TX: Cognitive Science Society.
- 2008 **Khemlani, S.** & Johnson-Laird, P.N. (2008). Illusory inferences with embedded disjunctions. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 2128-2133). Austin, TX: Cognitive Science Society.
- Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2008). Syllogistic reasoning with generic premises: The generic overgeneralization effect. In B.C. Love, K. McRae, & V.M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 619-624). Austin, TX: Cognitive Science Society.
- 2007 **Khemlani, S.**, Leslie, S.-J., Glucksberg, S., & Fernandez, P. R. (2007). Do ducks lay eggs? How people interpret generic assertions. In D. McNamara & J.G. Trafton (Eds.), *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (pp. 395-400). Mahwah, NJ: Erlbaum.

REFEREED  
CONFERENCE  
PAPERS  
(CONT'D)

- 2006 Neth, H., **Khemlani, S.**, Oppermann, B., & Gray, W. (2006). Juggling multiple tasks: A rational analysis of multitasking in a synthetic task environment. In *Proceedings of the 50th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society.
- 2005 Bringsjord, S., **Khemlani, S.**, Arkoudas, K., McEvoy, C., Destefano, M., & Daigle, M. (2005). Advanced synthetic characters, evil, and E. In A.E.R. Marwan Al-Akaidi (Ed.), *Game-On 2005, 6th International Conference on Intelligent Games and Simulation*. Ghent-Zwijnaarde, Belgium: European Simulation Society.
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BOOK  
CHAPTERS

- forthcoming Johnson-Laird, P. N., Goodwin, G.P., & **Khemlani, S.** (forthcoming). Mental models and reasoning. In V. Thompson and L. Ball (Eds.), *International Handbook of Thinking & Reasoning*.
- Khemlani, S.** (forthcoming). Computing with mental models. In S. Robert (Ed.), *Handbook of Reasoning in Cognitive Science*.
- Khemlani, S.** (forthcoming). Reasoning. In S. Thompson-Schill (Ed.), *Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience*.
- 2017 Johnson-Laird, P. N. & **Khemlani, S.** (2017). Mental models and causation. In M. Waldmann (Ed.), *Oxford Handbook of Causal Reasoning*. London, UK: Oxford University Press.
- 2014 Johnson-Laird, P. N., & **Khemlani, S.** (2014). Toward a unified theory of reasoning. In B. Ross (Ed.), *The Psychology of Learning and Motivation* (pp. 1-42). Academic Press.
- 

SOFTWARE

- 2016 **Khemlani, S.** (2017). nodus-ponens: A full-stack framework for running high-level reasoning and cognitive science experiments in Node.js (version 1.2.5). Retrieved from <https://www.npmjs.com/package/nodus-ponens>.
- Khemlani, S.**, & Johnson-Laird, P.N. (2017). mReasoner: A unified computational implementation of mental model theory of thinking and reasoning (version 0.9.6143). Retrieved from <http://mentalmodels.princeton.edu/models/mreasoner/>.
- Kreke, J.G., **Khemlani, S.**, & Trafton, J.G. (2016). gofMC: Benchmarking and rescaling  $R^2$  using noise percentile analysis (version 2.0). Retrieved from <https://cran.r-project.org/package=gofMC>.
- 

INVITED TALKS

- 2017 **Advances in Cognitive Systems**  
*Rensselaer Polytechnic Institute*  
The provenance of modal inference
- 2016 **Duke University**  
*Center for Cognitive Neuroscience*  
Mental models and omissive causation
- New York University**  
*NYU ConCats, Department of Psychology*  
Mental models and omissive causation
- International Joint Conference on Artificial Intelligence**  
*Workshop keynote: Bridging the gap between human and automated reasoning*  
Automating human inference
- University of Quebec at Montreal**  
*Summer School in Cognitive Sciences*  
mReasoner: A computational model of the processes of inference

INVITED TALKS  
(CONT'D)

**International Conference on Thinking, Brown University**

*Symposium: Dynamic inference and belief revision*

Inferential dynamics from possibilities

**International Conference on Thinking, Brown University**

*Symposium: Mental models and reasoning*

mReasoner: A unified computational theory of reasoning

2015 **New York University**

*NYU ConCats, Department of Psychology*

Kinematic mental simulations in abduction and deduction

2014 **University of Edinburgh**

*Department of Psychology*

Kinematic mental simulations in abduction and deduction

**Oxford University**

*St. Catherine's College*

Kinematic mental simulations in abduction and deduction

**Institute for Human and Machine Cognition**

*Ocala Afternoon Lecture Series*

Kinematic mental simulations in abduction and deduction

2013 **University of Freiburg**

**University of Geissen** (teleconference)

*Center for Cognitive Science*

Kinematic spatial simulations in abduction and deduction

**University of Freiburg**

*Department of Psychology*

Theories of the syllogism: A meta-analysis

**Washington University in St. Louis**

*Joint Philosophy-Neuroscience-Psychology/Medical School Seminar*

The probabilities of unique events

2012 **Brown University**

*Department of Cognitive, Linguistic, and Psychological Sciences*

The probabilities of unique events

2011 **Naval Research Laboratory**

*Navy Center for Applied Research in Artificial Intelligence*

Toward a unified theory of syllogistic reasoning

2010 **New York University**

*NYU ConCats, Department of Psychology*

Latent scope biases in explanatory reasoning

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SELECTED  
CONFERENCE  
TALKS

2017 Horne, Z., & **Khملani, S.** (2017). Principled connections underlie the inference bias in explanatory reasoning. Talk presented at *London Reasoning Workshop*, London, UK.

**Khملani, S.**, Hinterecker, T., & Johnson-Laird, P.N. (2017). The provenance of modal inference. Talk presented at *Advances in Cognitive Systems*, Troy, NY, and at *Cognitive Science Society*, London, UK.

SELECTED  
CONFERENCE  
TALKS  
(CONT'D)

- Korman, J., & **Khemlani, S.** (2017). How people detect when an explanation is incomplete. Talk presented at *London Reasoning Workshop*, London, UK.
- 2016 **Khemlani, S.**, Harrison, A., & Trafton, J.G. (2016). An embodied architecture for thinking and reasoning about time. Talk presented at *Cognitive Science Society*, Philadelphia, PA.
- Khemlani, S.**, & Johnson-Laird, P.N. (2016). How people differ in syllogistic reasoning. Talk presented at *Cognitive Science Society*, Philadelphia, PA; and at the Meeting in Memory of Vittorio Girotto, London, UK.
- 2015 **Khemlani, S.**, Goodwin, G., & Johnson-Laird, P.N. (2015). Causal relations form kinematic simulations. Talk presented at *London Reasoning Workshop*, London, UK and *Cognitive Science Society*, Pasadena, California.
- 2014 **Khemlani, S.**, Lotstein, M., & Johnson-Laird, P.N. (2014). The conditional probabilities of unique events. Talk presented at *London Reasoning Workshop*, London, UK.
- Khemlani, S.**, & Trafton, J.G. (2014). Percentile analysis for goodness-of-fit comparisons of models to data. Talk presented at *Cognitive Science Society*, Quebec City, Canada.
- 2013 **Khemlani, S.**, Trafton, J.G., & Johnson-Laird, P.N. (2013). Deduction as stochastic simulation. Talk presented at *London Reasoning Workshop*, London, UK and *International Conference on Cognitive Modeling*, Ottawa, Canada.
- 2012 **Khemlani, S.**, Orenes, I., & Johnson-Laird, P.N. (2012). Negating compound sentences. Talk presented at *Cognitive Science Society*, Sapporo, Japan.
- Khemlani, S.**, & Johnson-Laird, P. N. (2012). mReasoner: A unified computational model of reasoning. Talk presented at *International Conference on Thinking*, London, UK.
- 2011 **Khemlani, S.** (2011). Explanatory reasoning. Talk presented at *Princeton Area Alumni Association*, Princeton, NJ.
- 2010 **Khemlani, S.** & Johnson-Laird, P. N., (2010). Explanations make inconsistencies harder to detect. Talk presented at *Cognitive Science Society*, Portland, OR.
- 2009 **Khemlani, S.**, Glucksberg, S., & Leslie, S.-J. (2009). Implicit generics underlie inferences from the general to the particular. Talk presented (by Glucksberg) at *Psychonomic Society*, Boston, MA.
- 2008 Bucciarelli, M. & **Khemlani, S.** (2008). Conflicts in moral reasoning. Talk presented at *International Conference on Thinking*, Venice, Italy.
- Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2008). Deductive reasoning with generic premises: The generic overgeneralization effect. Talk presented at *Psychonomic Society*, Chicago, IL.
- 2007 **Khemlani, S.**, Leslie, S.-J., & Glucksberg, S. (2008). Do ducks lay eggs? How people interpret generic assertions. Talk presented at *Cognitive Science Society*, Nashville, TN.

ADVISING

- 
- 2016-present **Joanna Korman**  
NRC Postdoctoral Research Associate
- 2017-2018 **Zach Horne**  
NRC Postdoctoral Research Associate  
Assistant Professor at Arizona State University (Winter 2019)

PROFESSIONAL  
ACTIVITIES

- 
- 2016-2017 Organizer, NCARAI Seminar Series
- 2016 Program committee, Meeting in Honor of Vittorio Girotto  
Workshop organizer, 37th Annual Conference of the Cognitive Science Society
- 2015 Symposium organizer, 4th European Conference on Cognitive Science  
Program committee, 37th Annual Conference of the Cognitive Science Society
- 2014 Member abstracts co-chair, 36th Annual Conference of the Cognitive Science Society
- 2010-2011 Leader, Princeton Department of Psychology Senior Thesis Writing Group
- 2008 Recruitment volunteer, Princeton Paid Experiments

PROFESSIONAL  
ACTIVITIES  
(CONT'D)

**Ad-hoc reviewer (conferences):**

*Architectures and Mechanisms for Language Processing*  
*Cognitive Science Society*  
*International Joint Conference on Artificial Intelligence*

**Ad-hoc reviewer (journals):**

*Acta Psychologica*  
*Advances in Cognitive Psychology*  
*Argument & Computation*  
*Child Development*  
*Cognition*  
*Cognitive Science*  
*Experimental Psychology*  
*Frontiers in Human Neuroscience*  
*Journal of Cognitive Psychology*  
*Journal of Cognitive Science*  
*Journal of Experimental Psychology: General*  
*Journal of Experimental Psychology: Language, Memory, and Cognition*  
*Inquiry*  
*Memory & Cognition*  
*PLOS ONE*  
*Psychological Review*  
*Psychonomic Bulletin & Review*  
*Quarterly Journal of Experimental Psychology*

AFFILIATIONS

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Association for Psychological Science  
Behavioral and Brain Sciences  
Cognitive Science Society  
Electronic Frontier Foundation  
International Association for Computing and Philosophy  
The Psychonomic Society  
Society for Judgment and Decision Making