

Curriculum Vitae

KELLY J. SHEEHAN

Northwestern University, Department of Communication Studies
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RESEARCH APPOINTMENTS

Northwestern University, Evanston, IL Postdoctoral Fellow, Center on Media and Human Development	2016 - present
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EDUCATION

Northwestern University, Evanston, IL Ph.D., Cognitive Psychology Dissertation: <i>Take a break: A delay helps 3-year-olds' use of a symbol</i> Committee: David Uttal, Dedre Gentner, and Sandra Waxman	2016
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Northwestern University, Evanston, IL M.S., Psychology Thesis: <i>More is more: Extraneous similarity enhances symbolic functioning in very young children</i> Committee: David Uttal and Sandra Waxman	2012
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Providence College, Providence, RI B.A., Psychology, <i>Magna Cum Laude</i> Thesis: <i>Measuring Children's Superstitious Tendencies</i> Advisor: Jennifer Van Reet	2011
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PUBLICATIONS

Sheehan, K. J., & Uttal, D. H. (2016). Children's Learning From Touch Screens: A Dual Representation Perspective. *Frontiers in Developmental Psychology*, 7(1220), 1-5. doi: <http://dx.doi.org/10.3389/fpsyg.2016.01220>

Uttal, D. H., & Sheehan, K. J. (2014) The development of children's understanding of maps and models: A prospective cognition perspective. *Journal of Cognitive Education and Psychology*, 13(2), 188-200. doi: 10.1891/1945-8959.13.2.188

Sheehan, K. J., Van Reet, J., & Bloom, C. M. (2012). Measuring preschoolers' superstitious tendencies. *Behavioural Processes*, 91, 172-176. doi: 10.1016/j.beproc.2012.07.005

Harmon-Vukic, M., Afzal, U., & Sheehan, K. J. (2012). Understanding the memory advantage of counterintuitive concepts. *Religion, Brain and Behavior* 2(2), 121-139. doi:10.1080/2153599X.2012.672816

MANUSCRIPTS IN PREPERATION

Lovato, S. Sheehan, K. J. Beaudoin-Ryan, L., Lauricella, A. R., & Wartella, E. (in submission). What STEM is represented on children's television? A content analysis of U.S programming for children.

Sheehan, K.J., Hightower, B., Lauricella, A. R., & Wartella, E. (in prep). Having a family member in a STEM career and exposure to STEM media as predictors of preschool-aged children's science and math skills.

Sheehan, K. J., Ferguson, B., Uttal, D. H. (in prep). Delay promotes symbolic insight in 3-year-old children.

TEACHING EXPERIENCE AND ACADEMIC MENTORING

Teaching Assistant, Northwestern University, Department of Communication Studies Persuasion, <i>Weekly discussion section leader</i>	Spring 2017
Adjunct Professor, Loyola University Chicago, Department of Psychology Developmental Psychology	Spring 2015
Florence Sales Teaching Fellow, Northwestern University, Department of Psychology	Winter 2015
Teaching Assistant, Northwestern University, Department of Psychology Research Methods, <i>Weekly discussion section leader</i>	Winter 2015
Sport Psychology	Fall 2014
Cognitive Science: Learning, Representation, and Reasoning	Spring 2014
Developmental Psychology, <i>Weekly discussion section leader</i>	Spring 2013
Introduction to Psychology	Spring 2012
Introduction to Clinical Psychology	Winter 2011

Mentoring, Northwestern University, Department of Psychology

The Graduate School (TGS) Summer Mentoring Workshop	Spring 2014
Supervise Cognitive Science Summer Research Grant – Emily Liquin	2014
Supervise Independent Research (PSY 399) – Priyanka Saha, Rose McBride	Fall 2014
Supervise Independent Research (PSY 399) – Stephanie Alfonseca	Winter 2015
Supervise Independent Research (PSY 399 – Lauren Hamilton	Spring 2015
Supervise Undergraduate Summer Research Grant – Emily Liquin	2015
Supervise Undergraduate Honors Thesis Research – Emily Liquin	2015-2016

INVITED TALKS

- Sheehan, K. J., & Uttal, D. H.** (November, 2014). Take a break: Delay facilitates 3-year-olds' understanding of a novel symbol. Invited Talk presented at Developmental Brownbag, University of Illinois, Urbana-Champaign
- Sheehan, K. J., & Uttal, D. H.** (May, 2013). More is more but not too much: Extraneous similarity enhances symbolic functioning in young children. Invited Talk presented at Spatial Intelligence Learning Center RISC meeting, Temple University.

PROFESSIONAL TALKS

- Lovato, S. **Sheehan, K. J.**, Beaudoin-Ryan, L., Lauricella, A., & Wartella, E. (May, 2017). STEM Curriculum Standards on Children's TV: A Content Analysis of Science and Math Programming for Children on U.S. Television. High-density presentation and poster presented at the International Communication Association conference, San Diego, CA.
- Sheehan, K. J.**, Liquin, E., Hamilton, L., & Uttal, D. H. (June, 2016). *Taking a break promotes symbolic insight in 3-year-old children*. Slide presentation at Jean Piaget Society, Chicago, IL.
- Sheehan, K. J., & Uttal, D. H.** (January, 2016). Taking a break promotes symbolic insight in 3-year-old children. Slide presentation presented at the Northwestern Cognitive Brownbag Series, Evanston, IL.
- Sheehan, K. J.**, Alfonseca, S., & Uttal, D. H. (October, 2015). Children gain insight into a symbolic task they typically fail when given a break. Slide presentation presented at Cognitive Development Society, Columbus, OH.
- Sheehan, K. J., & Uttal, D. H.** (January, 2015). Delay improves 3-year-olds' understanding of a novel symbol, with and without instructions. Slide presentation presented at the Northwestern Cognitive Brownbag Series, Evanston, IL.

- Uttal, D. H., & **Sheehan, K. J.** (May, 2014). The Development of Children's Understanding of Maps and Models: A Prospective Cognition Perspective. Paper presented as part of a symposium presented at the Midwestern Psychological Association, Chicago, IL.
- Sheehan, K. J.**, & Uttal, D. H. (January, 2014). Learning to use a symbol: The role of overall similarity and task exposure on children's symbolic understanding. Slide presentation presented at the Northwestern Cognitive Brownbag Series, Evanston, IL.
- Sheehan, K. J.**, & Uttal, D. H. (June, 2013). *Extraneous similarity enhances symbolic functioning in young children*. Slide presentation to be presented at the Jean Piaget Society, Chicago, IL.
- Sheehan, K. J.**, & Uttal, D. H. (May, 2013). *Extraneous similarity enhances symbolic functioning in young children*. Slide presentation presented at the Midwestern Psychological Association, Chicago, IL.
- Sheehan, K. J.**, & Uttal, D. H. (November, 2012). More is more: *Extraneous similarity enhances symbolic functioning in 3-year old children*. Slide presentation presented at the Northwestern Cognitive Brownbag Series, Evanston, IL.
- Sheehan, K. J.**, Van Reet, J., & Bloom, C. M. (April, 2012). *Measuring Preschoolers' Superstitious Tendencies*. Slide presentation presented at Midwestern Psychological Association, Chicago, IL.
- Sheehan, K. J.**, Van Reet, J., & Bloom, C. M. (April, 2012). *Measuring Preschoolers' Superstitious Tendencies*. Slide presentation at Chicago Graduate Student Research Symposium, Chicago, IL.

POSTER PRESENTATIONS

- Sheehan K. J.**, Lauricella, A. R., & Wartella, E. (April, 2017). *Parent attitudes, science and math activities, and children's media use as predictors of children's interest in science and math*. Poster Presented at Society for Research in Child Development Meeting, Austin, TX.
- Liquin, E. L., **Sheehan, K.S.**, & Uttal, D. H. (April 2017). *Symbols and screens: Children are better at using a paper map than a touchscreen map*. Poster Presented at Society for Research in Child Development Meeting, Austin, TX.
- Lovato, S. **Sheehan, K. J.**, Beaudoin-Ryan, L., Lauricella, A., & Wartella, E. (October, 2016). *How much STEM is in children's STEM television?: A content analysis of science and math programming for children ages 3-6*. Poster Presented at Society for Research in Child Development Special Topics Meeting: Technology and Media in Children's Development, Irvine, CA.
- Sheehan, K. J.**, Liquin, E., Hamilton, L., & Uttal, D. H. (May, 2016). *Taking a break promotes symbolic understanding in 3-year-old children*. Poster submitted for presentation at Association for Psychological Science, Chicago, IL.
- Sheehan, K. J.**, Liquin, Emily, & Uttal, D. H. (March, 2015). *Delay improves 3-year-olds' understanding of a novel symbol, with and without instructions*. Poster submitted for presentation at the Society for Research in Child Development, Philadelphia, PA
- Sheehan, K. J.**, & Uttal, D. H. (January, 2015). *Delay improves 3-year-olds' understanding of a novel symbol*. Poster submitted for presentation at the Budapest CEU Conference on Cognitive Development, Budapest, Hungary
- Liquin, E., DeHaas, M., Gustafson, C., **Sheehan, K. J.**, & Uttal, D. (May, 2014). *Overall Similarity Facilitates Young Children's Symbolic Understanding*. Poster submitted for presentation at the Midwestern Psychological Association, Chicago, IL.
- Sheehan, K. J.**, & Uttal, D. H. (October, 2013). *More similarity is better but not too much: The effect of extraneous similarity on 3-year-olds' symbolic understanding*. Poster submitted for presentation at the Cognitive Development Society Conference, Memphis, TN

- Sheehan, K. J., & Uttal, D. H.** (August, 2013). *Extraneous similarity enhances young children's performance on Model-Room Task*. Poster submitted for presentation at the Third International Conference on Analogy, Dijon, France.
- Sheehan, K. J., & Uttal, D. H.** (April, 2013). *Extraneous similarity enhances symbolic functioning in young children*. Poster submitted for presentation at the Society for Research in Child Development, Seattle, WA.
- Sheehan, K. J., & Uttal, D.** (April, 2012) *The influence of symbol complexity on children's ability to navigate a complex space*. Poster submitted for presentation at inter-Science of Learning Center Student and Post-Doc Conference, San Diego, CA.
- Sheehan, K. J., & Van Reet, J.** (May, 2011). *Children's superstitious tendencies: Three to Five-year-old's illusory associations on a touch-screen task*. Poster submitted for presentation at Association for Psychological Sciences, Washington, D.C.
- Harmon-Vukic, M., **Sheehan, K. J.**, Gillard, K. (March, 2011). *The influence of semantic overlap on the activation of predictive inferences*. Poster submitted for presentation at Eastern Psychological Association, Cambridge, MA.
- Bloom, C. M., **Sheehan, K. J.**, Dell'Isola, R. S., Klakotskaia, D., Hou, S. L., & Wallin, C. P. (August, 2010). *An animal model of self-injury: The role of a CNS stimulant and environmental stressors*. Poster session presented at the Rhode Island INBRE Conference, University of Rhode Island, Kingston, RI.

HONORS AND AWARDS

Florence Sales Teaching Fellowship	Winter 2015
Psi Chi Graduate Research Grant <i>Do children learn from iPads?</i>	Fall 2013
Northwestern Cognitive Science University Fellowship	Fall 2011
Psi Chi Undergraduate Research Grant <i>Correlations between children's superstitious tendencies and pretend play</i>	Spring 2011
Providence College Undergraduate Research Grant <i>Measuring preschoolers' superstitious tendencies and pretend play</i>	Fall 2010
Dean's List, Providence College	2008 – 2011

PROFESSIONAL DEVELOPMENT

Leadership Coaching at the Center for Leadership, Northwestern University	Spring 2017
Kellogg Business for Scientists Executive Education Course, Northwestern University	July 2017

PROFESSIONAL SERVICE

Group Discussion Leader at Screen Time Conference, Chicago, IL	Fall 2016
Co-Founder of Northwestern Cognitive Development Group	Fall 2013 – 2016
Mentor for Psychology Graduate Student Mentorship Program	Fall 2014 – 2016
NU Interdisciplinary Innovations in Developmental Education And Science	Spring 2014 – 2016
Co-Founder of Northwestern Psychology Graduate Student Council	Spring 2013 – 2015
Cognitive Psychology Graduate Student Representative	Spring 2013 – 2015
Recruitment Coordinator for Northwestern Psychology Prospective Students	Winter 2013
Psi Chi National Honor Society, Providence College, Chapter President	Spring 2010 – 2011
Psi Chi National Honor Society, Providence College, Chapter Secretary	Spring 2009 – 2010

RESEARCH EXPERIENCE

- Postdoctoral Researcher, **Center on Media and Human Development** July 2016 – present
Northwestern University
PI's: Ellen Wartella, Ph.D and Alexis Lauricella, Ph.D
- Graduate Student Researcher, **Project on Children's Thinking** Fall 2011 – 2016
Spatial Intelligence Learning Center and Northwestern University
PI's: Dedre Gentner, Ph.D and David Uttal, Ph.D
- Research Assistant, **Kid Think Laboratory** Fall 2010 – 2011
Providence College
Advisor: Jennifer Van Reet, Ph.D
- Research Assistant, **Providence College Affective Neuroscience (PAN) Laboratory**
INBRE Research Fellowship Program Spring 2010 – 2011
Providence College
PI: Christopher Bloom, Ph.D
- Research Assistant and Lab Manager, **Cognitive Psychology Laboratory** Fall 2008 – 2011
Providence College
PI: Mary Harmon-Vukic, Ph.D
- Intern, **Lifespan Centers for Behavioral and Preventive Medicine** Spring 2009 – 2010
The Miriam Hospital / Warren Alpert Medical School of Brown University
Providence, RI
PI: Laura Stroud, Ph.D

MEMBERSHIPS

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| International Communication Association | 2017 – Present |
| Cognitive Development Society | 2011 – Present |
| Society for Research in Child Development | 2013 – Present |
| Association of Psychological Science | 2011 – Present |
| American Psychological Association | 2012 – Present |
| Psi Chi National Honor Society | 2008 – Present |

STATISTICS AND PROGRAMMING

Statistics: SPSS, R

Stimulus Presentation: E-Prime, Superlab

REFERENCES

- Dr. Ellen Wartella, Department Chair and Sheikh Hamad bin Khalifa Al-Thani Professor of Communication, Department of Communication Studies, Northwestern University
Email: e-wartella@northwestern.edu Phone: (847) 467-2750
- Dr. Alexis Lauricella, Associate Director of Center of Media and Human Development, Department of Communication Studies, Northwestern University
Email: a-lauricella@northwestern.edu Phone: (847)-467-2750
- Dr. David Uttal, Associate Professor, Department of Psychology, Northwestern University
Email: duttal@northwestern.edu Phone: (847) 467-1925
- Dr. Dedre Gentner, Associate Professor, Department of Psychology, Northwestern University
Email: gentner@northwestern.edu Phone: (847) 467-1272
- Dr. Jennifer Van Reet, Associate Professor, Department of Psychology, Providence College
Email: jvanreet@providence.edu Phone: (401) 865-1824