

# Nicholaus S. Noles, Ph.D.

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## Academic Appointments

Assistant Professor (2014-present)

Department of Psychological and Brain Sciences, University of Louisville

Assistant Professor (2012-2013)

Department of Psychology, Michigan State University

Postdoctoral Fellow, Advisor: Dr. Susan Gelman (2008-2012)

Department of Psychology, University of Michigan

## Education

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| 2008 | Ph.D. in Psychology, Yale University<br>Advisors: Drs. Frank Keil & Paul Bloom  |
| 2006 | M.Phil. in Psychology, Yale University<br>Advisor: Dr. Brian Scholl   |
| 2005 | M.S. in Psychology, Yale University<br>Advisor: Dr. Brian Scholl  |
| 2002 | B.S. in Psychology, Magna cum Laude with University & Departmental<br>Honors, The University of Alabama at Birmingham |

## Honors & Awards

Distinguished Alumni Scholar, University of Alabama at Birmingham, 2016

Faculty Favorite, College of Arts and Sciences, University of Louisville, 2014-2018

Faculty Favorite "Top 4", College of Arts and Sciences, University of Louisville, 2015

McDougal Fellow, Graduate School of Arts & Sciences, Yale University, 2003-2005

Honorable Mention, National Science Foundation Graduate Research Funding Program,  
2004

Dean's Award for Outstanding Student, School of Social and Behavioral Sciences,  
University of Alabama at Birmingham, 2002

Outstanding Student in the Department of Psychology, University of Alabama at  
Birmingham, 2002

Passey Prize for Achievement in Psychology, University of Alabama at Birmingham, 2002

## **Manuscripts Under Review**

Danovitch, J.H., Noles, N.S., & Shafto, P. (revision invited). The development of trust in information from the internet.

Marchak, K.A., Laughlin, M., Noles, N.S., & Gelman, S.A. (revision invited). Beliefs about the persistence of history in the United States and India.

## **In Press Publications**

Noles, N.S. (in press). Salience or centrality: Why do some features influence inductive generalization more than others? *Developmental Psychology*.

Noles, N.S., Gelman, S.A., & Stilwell, S. (in press). To give or receive? The role of giver versus receiver on object tracking and object preferences in children and adults. *Journal of Cognition and Culture*.

## **Publications**

Noles, N.S., & Keil, F.C. (2019). Exploring the first possessor bias in children. *PLoS ONE*, *14*, 1-13.

McDermott, C.H., & Noles, N.S. (2018). The role of age, theory of mind, and linguistic ability in children's understanding of ownership. *PLoS ONE*, *13*, 1-10.

Gelman, S.A., Martinez, M., Davidson, N.S., & Noles, N.S. (2018). Developing digital privacy: Children's moral judgments concerning mobile GPS devices. *Child Development*, *89*, 17-26.

Gelman, S.A., Manczak, E.M., Was, A.M., & Noles, N.S. (2016). Children seek historical traces of owned objects. *Child Development*, *87*, 239-255.

Noles, N.S., & Danovitch, J.H. (2016). Ultrasociality and the division of cognitive labor. *Behavioral and Brain Sciences*, *39*, 31-32.

Danovitch, J. H., Noles, N. S., & Shafto, P. (2015). How children seek out information from human and technological informants. In G. AIRENTI, B. G. BARA, & G. SANDINI (Eds.) *Proceedings of the EuroAsianPacific Joint Conference on Cognitive Science* (pp. 407-412). Torino, Italy: Cognitive Science Society.

Gelman, S.A., Frazier, B.N., Noles, N.S., Manczak, E., & Stillwell, S.M. (2015). How much would children pay for Harry Potter's glasses? Developing an appreciation for the value of authentic objects. *Journal of Cognition and Development*, *16*, 97-117.

Noles, N.S., Danovitch, J.H., & Shafto, P. (2015). Children's trust in technological and human informants. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D.

Jennings, & P.P. Maglio (Eds.). *Proceedings of the 37<sup>th</sup> Annual Meeting of the Cognitive Science Society*. Pasadena, CA: Cognitive Science Society.

Noles, N.S. & Danovitch, J.H. (2015). Children's inductive inference are influenced by some features more than others. In G. Airenti, B. Bara, & G. Sandini (Eds.), *Proceedings of the EuroAsianPacific Joint Conference on Cognitive Science, 4<sup>th</sup> European Conference on Cognitive Science, 11<sup>th</sup> International Conference on Cognitive Science* (pp. 419-424). Torino, Italy: Cognitive Science Society.

Danovitch, J. H., & Noles, N. S. (2014). Categorization ability, but not theory of mind, contributes to children's developing understanding of expertise. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 2097-2012). Austin, TX: Cognitive Science Society.

Gelman, S.A., Noles, N.S., & Stillwell, S. (2014). Tracking the actions and possessions of agents. *Topics in Cognitive Sciences*, 6, 599-614.

Noles, N.S., & Danovitch, J.H. (2014). Owning up to the role of historical information. *Behavioral and Brain Sciences*, 34, 497-498.

Noles, N.S., & Gelman, S.A. (2014). You can't always get what you want: Children's intuitions about ownership and desire. *Cognitive Development*, 31, 59-68.

Gelman, S.A., Meyer, M.A., & Noles, N.S. (2013). History and essence in human cognition. *Behavioral and Brain Sciences*, 36, 142-143.

Gelman, S.A., Manczak, E.M., & Noles, N.S. (2012). The nonobvious basis of ownership: Preschool children trace the history and value of owned objects. *Child Development*, 83, 1731-1747.

Noles, N.S., & Gelman, S.A. (2012a). Effects of categorical labels on similarity judgments: A critical analysis of similarity-based approaches. *Developmental Psychology*, 48, 890-6.

Noles, N.S., & Gelman, S.A. (2012b). Disentangling similarity judgments from pragmatic judgments: Response to Sloutsky and Fisher (2012). *Developmental Psychology*, 48, 901-6.

Noles, N.S., & Gelman, S.A. (2012c). Preschool children and adults flexibly shift their preference for auditory versus visual modalities, but do not exhibit auditory dominance. *Journal of Experimental Child Psychology*, 112, 338-50.

Noles, N.S., Keil, F.C., Bloom, P., & Gelman, S.A. (2012). Children's and adults' intuitions about who is entitled to own things. *Journal of Cognition and Culture*, 12, 265-286.

Gelman, S.A., & Noles, N.S. (2011). Domains and naïve theories. *Wiley Interdisciplinary Reviews: Cognitive Science*, 2: n/a. doi: 10.1002/wcs.124.

Noles, N., & Keil, F.C. (2011). Exploring ownership in a developmental context. In H. S. Ross & O. Friedman (Eds.), *The developmental origins of ownership of property - New*

*Directions for Child & Adolescent Development* (pp. 91-103). San Francisco, CA: Jossey-Bass.

Mitroff, S.R., Scholl, B.J., & Noles, N.S. (2007). Object files can be purely episodic. *Perception*, 36, 1730-1735.

Noles, N.S., Scholl, B.J., & Mitroff, S.R. (2005). The persistence of object file representations. *Perception & Psychophysics*, 67, 324 - 334.

Noles, N.S., & Scholl, B.J., (2005). What's in an object file? Integral vs. separable features. *Journal of Vision*, 5, 614 – 614.

Scholl, B.J., Noles, N.S., Pasheva, V., & Sussman, R. (2003). Talking on a cellular telephone dramatically increases “sustained inattention blindness.” *Journal of Vision*, 3, 156-156.

### **Invited Talks and Colloquia**

Noles, N.S. (2017). *Naïve economics: How concepts of ownership and property contribute to children's social cognition and market behaviors*. Colloquium presented at the University of Alabama, Tuscaloosa, AL.

Noles, N.S. (2016). *The development of economic behaviors*. Colloquium presented at the University of Alabama at Birmingham, Birmingham, AL.

Noles, N.S. (2010). *Perception and cognitive development in children*. Invited talk presented at the Michigan State University Cognitive Forum, East Lansing, MI.

Noles, N.S. (2007). *Concepts of Ownership in Development*. Invited talk presented at the College of Charleston, Charleston, NC.

### **Presentations**

McDermott, C., & Noles, N.S., (2019). *When lying makes cents: The effect of exposure to currency on children's self-interested behaviors*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

Noles, N.S., & McDermott, C., (2019). *How “free-riders” influence children's attitudes toward social welfare programs*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

McDermott, C., Noles, N.S., & Nguyen, S.P., (2017). *Developmental changes in categorizing others into multiple social roles*. Poster presented at the biennial meeting of the Cognitive Development Society, Portland, OR.

Noles, N.S., & McDermott, C. (2017). *Can ownership rules be suspended?* Poster presented at the biennial meeting of the Cognitive Development Society, Portland, OR

Noles, N.S., & McDermott, C. (2017). *Do children judge ownership transgressions to be conventional or moral violations?* Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.

Noles, N.S., & McDermott, C. (2017). *The role of age, theory of mind, and linguistic ability in children's understanding of ownership.* Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.

Noles, N.S., & McDermott, C. (2017). *Children's evaluations of ownership transgressions.* Talk presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

Noles, N.S., & McDermott, C. (2017). *Children's reasoning about different kinds of property transfers.* Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

Noles, N.S., Gelman, S.A., & Davison, N. (2017). *The invisible ties of ownership.* Talk presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

Danovitch, J.H., Noles, N.S., & Shafto, P. (2016). *The development of trust in internet search engines.* Poster presented at the Technology and Media in Children's Development Meeting, Irvine, CA.

McDermott, C.H., & Noles, N.S. (2016). *Learning about Economic Systems: Developing Concepts of Fungibility.* Poster presented at the University of Louisville Graduate Student Regional Research Conference, Louisville, KY.

Messmer, J., Noles, N.S., Danovitch, J.H., & Shafto, P. (2015). *What can the Internet tell you about Pangolins?: Children's Questions for Internet and Human Sources.* Poster presented at the Cognitive Development Society meeting, Columbus, OH.

Noles, N.S., Danovitch, J.H., & Shafto, P. (2015). *Children's trust in people and the internet.* Poster presented at the annual meeting of the American Psychological Society, New York, NY.

Noles, N.S. (2015). *Gratitude and gift giving.* Talk presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.

Noles, N.S., Danovitch, J.H., & Shafto, P. (2015). *Is it Better to Ask a Friend or Google?: Children's Trust in People and the Internet.* Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.

Noles, N. S., Danovitch, J. H., & Shafto, P. (2015). *Developmental Changes in Learning from the Internet.* Talk presented at the Association for Psychological Science meeting, New York, NY.

Danovitch, J.H., & Noles, N.S. (2014). *Categorization ability, but not theory of mind, contributes to children's developing understanding of expertise.* Poster presented at the annual meeting of the Cognitive Science Society, Quebec City, Canada.

Noles, N.S. (2014). *Some features drive inductive inference more than others*. Poster presented at the annual meeting of the American Psychological Society. San Francisco, California.

Noles, N.S. & Gelman, S.A. (2013). *Property rights: You get what you need*. Poster presented at the biennial meeting of the Cognitive Development Society. Memphis, Tennessee.

Noles, N.S. & Gelman, S.A. (2013). *Ownership and desire*. Poster presented at the biennial meeting of the Society for Research in Child Development. Seattle, Washington.

Noles, N.S. & Gelman, S.A. (2013). *Assignment of ownership and the endowment effect*. Talk presented at the biennial meeting of the Society for Research in Child Development. Seattle, Washington.

Noles, N.S. (2011). *Effects of labels on categorization: A critical analysis of similarity-based approaches*. Poster presented at the biennial meeting of the Cognitive Development Society, Philadelphia, PA.

Noles, N.S., Davidson, N.S., Gelman, S.A., Manczak, E.M. (2011). *Tracing the historical path of owned objects*. Talk presented at the biennial meeting of the Society for Research in Child Development. Montreal, Quebec, Canada.

Noles, N.S., & Gelman, S.A. (2011). *Children's modality preferences are flexible and sensitive to contrast*. Poster presented at the biennial meeting of the Society for Research in Child Development. Montreal, Quebec, Canada.

Danovitch, J.H., & Noles, N.S. (2010). *Religiosity and beliefs about scientific questions*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.

Noles, N.S. (2009). *Ownership concepts*. Talk presented at the University of Michigan Developmental Lecture Series, Ann Arbor, MI.

Noles, N.S., Keil, F.C. & Bloom, P. (2009). *Categorical and pragmatic boundaries guide children and adults in identifying property*. Poster presented at the biennial meeting of the Society for research in Child Development, Denver, CO.

Noles, N.S., Keil, F.C. & Bloom, P. (2009). *Two biases affect children's inferences of ownership across property transfers*. Poster presented at the biennial meeting of the Society for research in Child Development, Denver, CO.

Noles, N.S., Keil, F.C. & Bloom, P. (2008). *Who can be an owner? Evidence from children and adults*. Presented as a talk at the Harvard-Yale Conference on Social Cognitive Development, Cambridge, MA.

Noles, N.S. & Bloom, P. (2007). *Children's use of spatiotemporal continuity when drawing inferences about object persistence*. Poster presented at the biennial meeting of the Society for research in Child Development, Boston, MA.

Noles, N.S. & Bloom, P. (2006). *The ship of Theseus: Concepts and identity*. Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.

Noles, N.S. & Scholl, B.J. (2005). *What's in an object file?: Integral vs. separable features*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.

Noles, N.S. & Bloom, P. (2004). *The ship of Theseus: Percepts, concepts, and object persistence*. Presented as a talk at the joint meeting of the Society for Philosophy and Psychology and the European Society for Philosophy and Psychology, Barcelona, Spain.

Noles, N.S. (2004). *The persistence of object representations: Percepts and concepts*. Presented as a talk at the Cognitive Lunch series at Yale University, New Haven, CT.

Noles, N. S., & Scholl, B. J. (2003). *The persistence of object-file representations*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.

Vance, D.E., Noles, N.S., Darling, L., Wadley, J.D., Edwards, J.D., & Ball, K.K. (2003). *Unanticipated benefits of social contact control group: Internet training*. Talk presented at the annual meeting of the Gerontological Society of America, Chicago, IL.

## **Teaching Experience**

Introduction to Psychology

Cognitive Processes/Psychology

Developmental Psychology / Child Development

Experimental Psychology (Methods)

Making Sense of Data (quantitative reasoning for general education)

Graduate Seminars

Concepts and Categories

Social Cognition

## **Reviewer**

*Banting Postdoctoral Fellowship Program, Grant Reviewer*

*Canadian Foundation for Innovation, Grant Reviewer*

*Canadian Journal of Experimental Psychology*

*Child Development*

*Child Development Research*

*Cognition*

*Cognitive Development*

*Cognitive Science*

*Developmental Psychology*

*Infant and Child Development*

*Interaction Studies*  
*Journal of Cognition and Development*  
*Journal of Experimental Child Psychology*  
*Journal of Experimental Psychology: Learning, Memory, & Cognition*  
*Journal of Experimental Psychology: General*  
*Memory and Cognition*  
*Natural Sciences and Engineering Research Council of Canada, Grant Reviewer*  
*Philosophy of Science*  
*Psychological Science*  
*Social Development*  
*Social Sciences and Humanities Research Council of Canada, Grant Reviewer*  
*SRCD 2011 Biennial Meeting, Panel 12: Representation, Concepts, and Problem Solving*  
*Studies in Educational Evaluation*  
*Visual Cognition*

## **Service**

Grawemeyer Award Committee, Department of Psychological and Brain Sciences, University of Louisville, 2016-2018.  
Undergraduate Committee, Department of Psychological and Brain Sciences, University of Louisville, 2015-2019.  
Colloquium Committee, Department of Psychological and Brain Sciences, University of Louisville, 2014-15.  
Grandparents University, Michigan State University, 2009-2011, 2013.  
Big Brothers, Big Sisters, Mentor, 2009-2011.  
Graduate Student Assembly, Elected Representative, Yale University, 2005-2008.  
Graduate Teaching Committee, Yale University, 2005-2008.  
Colloquium Committee, Department of Psychology, Yale University, 2003-2006.  
Diversity Committee, Department of Psychology, Yale University, 2002-2006.  
Cognitive Lecture Series coordinator, Dept. of Psychology, Yale University, 2003-2004.  
Preparing Future Faculty, American Psychological Association, 2002.

## **Other**

Author of *JoVE Science Education Database: Essentials of Developmental Psychology* (2016), which includes videos and text descriptions of classic and contemporary experiments. See <http://www.jove.com/science-education-database/14/essentials-of-developmental-psychology>.