

# 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

- 2008          Ph.D. in Psychology, Yale University  
                  Advisors: Drs. Frank Keil & Paul Bloom
- 2006          M.Phil. in Psychology, Yale University  
                  Advisor: Dr. Brian Scholl
- 2005          M.S. in Psychology, Yale University  
                  Advisor: Dr. Brian Scholl
- 2002          B.S. in Psychology, Magna cum Laude with University & Departmental  
                  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 inferences 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). Owing 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 inattentive 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>.