

# NICHOLAS A. VEST

Indiana University  
 Department of Psychological and Brain Sciences  
[nvest@indiana.edu](mailto:nvest@indiana.edu)

## EDUCATION

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2016 **Indiana University**, Bloomington, IN.  
 Bachelor of Science: Psychology, *honors*  
 Certificate: Neuroscience

## RESEARCH INTERESTS

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I am interested in embodied cognition in the context of learning and language development among typical and atypical populations.

## AWARDS

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2016 Dean's List, Indiana University  
 2015-2016 State Academic Honors, Indiana University  
 2012-2016 Departmental Honors, Department of Psychological and Brain Sciences

## RESEARCH POSITIONS

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2017-current *Lab Manager*  
**Learning, Education, and Development Lab**, Indiana University  
 PI: Emily Fyfe, PhD  
 Task: Coordinate multiple projects pertaining to cognitive development with a focus on mathematics knowledge and problem solving. Specific tasks include submitting IRB applications, mentoring research assistants, managing lab website, data collection/tutoring with children ages 4-11, writing, and data analysis.

2015-2016 *Research Assistant, Undergraduate Trainer*  
**Developmental Psychobiology Lab**, Indiana University  
 PIs: Chris Harshaw, PhD & Jeffrey Alberts, PhD  
 Task: Studied relationship between metabolic and social phenotypes across development in socially typical and ASD mouse models. Mastered animal handling, testing, and husbandry.

2013-2016 *Research Assistant, Honors Thesis Student*  
**Vocal and Communicative Development Lab**, Indiana University  
 PIs: Meredith West, PhD & Andrew King, PhD  
 Task: Measured reactivity patterns using time-sensitive analyses in infants aged 5-14 months at risk for autism. Participated in thorough training to systematically code behavioral data.

## PUBLICATIONS

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**Vest, N. A.,** Fyfe, E. R., Nathan, M. J., & Alibali, M. W. (under review). Learning from an avatar video instructor: The role of gesture mimicry.

## PRESENTATIONS

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**Vest, N.A.,** Fyfe, E.R. (2019, May). The effects of self-focused feedback on students' mathematics problem solving. Poster presented at the Association for Psychological Science Annual Convention, Washington, D.C.

Macchione, A.L., **Vest, N.A.,** Fyfe, E.R. (2019, March) Point to those! Grouping gestures predict children's early patterning skills. Poster presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.

**Vest, N.A.,** Fyfe, E.R. (2018, November) Feedback hinders performance on women's mathematics problem solving. Poster to be presented at the Psychonomic Society Annual Convention, New Orleans, LA.

**Vest, N.A.,** Fyfe, E.R. (2018, May). Learning from an avatar video instructor: Gesture mimicry supports middle schoolers' algebra knowledge. Poster presented at the Association for Psychological Science Annual Convention, San Francisco, CA.

**Vest, N.A.,** Fyfe, E.R. (2018, May). YOU are right! Feedback focused on the self enhances problem solving. Poster presented at the Midwest Cognitive Science Annual Conference, Bloomington, IN.

**Vest, N.A.,** West, M.J., & Dohme, R. (2016, March). Attentional differences and their contribution to autism. Poster presented at Indiana University's Department of Psychological and Brain Sciences Honors Banquet, Bloomington, IN.

## LEADERSHIP ACTIVITIES

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2018-current *Volunteer*, WonderLab Museum of Science, Health, & Technology  
Bloomington, IN

2018-2019 *Coordinator*, Child-Scientist Activity Week  
Indiana University

2014-2015 *Vice President*, Delta Upsilon Fraternity  
Indiana University

2013-2016 *Judicial Board Member*, Delta Upsilon Fraternity  
Indiana University

2013-2015 *Internal Relations Chair*, Delta Upsilon Fraternity  
Indiana University

2013            *Group Leader*, Indiana University Dance Marathon  
Indiana University

**SKILLS**

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Statistical analysis (SPSS, R Studio), programming (Qualtrics), observational coding (ELAN, Noldus Observer), database management (Filemaker), Microsoft Office