

# Alexis E. Payne

## CURRICULUM VITAE

### EDUCATION

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Ph.D.	Applied Cognitive Science	Mississippi State University	December, 2018
Dissertation: <i>False Memories and Recognition Memory: Recollection or Familiarity?</i> Co-Chairs: Deborah K. Eakin & Michael S. Pratte			
M.S.	Experimental Psychology	Mississippi State University	August, 2013
B.S.	Psychology ( <i>Summa Cum Laude</i> )	Mississippi State University	May, 2011

### TEACHING EXPERIENCE

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Instructor	Mississippi State University	08/2013-08/2014
IARPA MOSAIC Contract – Speech Science Team An interdisciplinary research team investigating the use of mobile devices for evaluating workplace performance.		
Responsibilities:		
<ul style="list-style-type: none"><li>• Managing rigorous IARPA timelines, team deliverables, and experiment deadlines for the speech science team.</li><li>• Developing protocols for implementing strict data collection and analysis procedures.</li><li>• Supporting various research objectives to ensure project success.</li><li>• Managing documentation for all project activities including protocols, MatLab codes, and personnel information.</li><li>• Submit monthly technical reports to IARPA about project progress.</li></ul>		
Supervisor: Eugene H. Buder		

### RESEARCH EXPERIENCE

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Research Associate II	University of Memphis	7/2017 - Present
IARPA MOSAIC Contract – Speech Science Team An interdisciplinary research team investigating the use of mobile devices for evaluating workplace performance.		
Responsibilities:		
<ul style="list-style-type: none"><li>• Managing rigorous IARPA timelines, team deliverables, and experiment deadlines for the speech science team.</li><li>• Developing protocols for implementing strict data collection and analysis procedures.</li><li>• Supporting various research objectives to ensure project success.</li><li>• Managing documentation for all project activities including protocols, MatLab codes, and personnel information.</li><li>• Submit monthly technical reports to IARPA about project progress.</li></ul>		
Supervisor: Eugene H. Buder		
Project Coordinator	Mississippi State University	8/2014 - 7/2017

National Science Foundation, CHS: Medium

An interdisciplinary research team investigating the usage of robots as intermediaries in gathering sensitive information from children.

Responsibilities:

- Managed NSF timelines, team deliverables, and individual experiment deadlines for the psychology team.
- Developed protocols for implementing strict material development, data collection, and data analysis procedures.
- Managed documentation for all project activities including protocols, SPSS syntax, personnel information, and budget expenses.
- Supporting various research objectives/activities to ensure project success.
- Write up results for publication in the form of conference papers, posters, and manuscripts.
- Participant recruitment.
- Developed a participant database of eligible children from the surrounding community (i.e. Puppy Pound Database) for future research projects.

Supervisor: Deborah K. Eakin

Lab Supervisor	Mississippi State University – Memory & Metamemory Lab	08/2013 – 07/2017
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Responsibilities:

- Trained undergraduate research assistants to follow data collection & analysis protocols.
- Developed protocols for implementing strict material development, data collection, and data analysis procedures.
- Managed documentation for all project activities including analysis protocols, SPSS syntax, personnel information, and budget expenses.
- Supporting various research objectives/activities to ensure project success.
- Write up results for publication in the form of conference & manuscript submissions.

Supervisor: Deborah K. Eakin

Research Assistant	Mississippi State University – Social, Therapeutic, & Robotic Systems (STaRS) Lab	08/2013 – 07/2017
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Responsibilities:

- Trained undergraduate research assistants to follow data collection & analysis protocols.
- Developed protocols for implementing strict material development, data collection, and data analysis procedures.
- Data collection.
- Managed undergraduate run schedules for data collection.
- Supported various research objectives/activities (e.g., hosted recruitment events, contacted local media interviews with PIs for publicity, etc.) to ensure project success.
- Write up results for publication in the form of conference & manuscript submissions.

Supervisor: Cindy L. Bethel

Data Assistant	Mississippi Migrant Education Program	05/2010 – 08/2012
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### Responsibilities:

- Identified quantitative markers of educational services being provided and school performance, then input them into the MIS database.
- Periodically review data for quality assurance.
- Developed data reports and presentations for upper management at Mississippi's Department of Education.

Research Assistant	Mississippi State University – Child and Family Research Lab	08/2009 – 05/2010
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## Responsibilities:

- Participated in developing an honor's research project looking at the relationship between video game plan and working memory performance.

Summer Intern	Youth Villages	05/2009 – 08/2009
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### Responsibilities:

- Worked with children ages 7 to 13 at the Bartlett campus as a behavioral aide to teachers.
- Assisted teachers with lessons, managing classroom behavior, supervising breaks, etc.
- Assisted in managing children's behaviors during group therapy sessions.
- Wrote daily incident reports of residents and assisted in organizing their files.
- Participated in Individual Education Plan meetings for residents.

## AWARDS & HONORS

<b>Award:</b>	<b>Association:</b>	<b>Year:</b>
College of Arts & Sciences Travel Award (\$600)	Mississippi State University; College of Arts & Sciences	2018
College of Arts & Sciences Travel Award (\$600)	Mississippi State University; College of Arts & Sciences	2016
2 <sup>nd</sup> Place Oral Presentation	Mississippi State University Graduate Research Symposium	2014
1 <sup>st</sup> Place Oral Presentation	Mississippi State University Graduate Research Symposium	2013
Graduate Student Travel Assistance Grant (\$1200)	Mississippi State University; Graduate School	2013
1 <sup>st</sup> Place Poster Presentation	Mississippi State University Graduate Research Symposium	2012

## PUBLICATIONS

(Payne née Jones)

Henkel, Z., Bethel, C. L., Kelly, J., **Jones, A.**, Stives, K., Buchanan, Z., Eakin, D., May, D. C., & Pilkinton, M. He Can Read Your Mind: Perceptions of a Character-Guessing Robot. Presentation in the Special Session on Child-Robot Interaction at the 26<sup>th</sup> *IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2017)*. Lisbon, Portugal. August 28-September 1, 2017.

Bethel, C. L., Henkel, Z., Stives, K., May, D. C., Eakin, D. K., Pilkinton, M., **Jones, A.**, & Stubbs-Richardson, M. Using Robots to Interview Children About Bullying: Lessons Learned from an Exploratory Study. Presentation in the Special Session on Child-Robot Interaction at the 25<sup>th</sup> *IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)*. New York City, NY, USA. August 26-31, 2016.

### MANUSCRIPTS UNDER REVIEW

**Payne, A. E.**, Eakin, D. K., Buchanan, A. Z., Bethel, C. L., May, D. C., & Pilkinton, M. (*under review*). The Effect of Social Demands on Child Eyewitnesses. *Cognitive Development*.

van Mersbergen, M., Vinney, L. A., **Payne, A. E.** (*under review*). Cognitive influences on perceived exertion using the Borg CR10. *Logopedics Phoniatrics Vocology*.

### MANUSCRIPTS IN PREPARATION

**Payne, A. E.**, Eakin, D. K., & Lane, S. M. (*in preparation*). The Role of Prior Knowledge in the Development of False Memories. *TBD*.

**Payne, A. E.**, & Eakin, D. K. (*in preparation*). Examining the Role of Implicit Associations in False Memories: A New Paradigm. *TBD*.

Eakin, D. K., Buchanan, A. Z., & **Payne, A. E.** (*in preparation*). Does the National Institute of Child Health and Human Development's investigative interview protocol reduce the misinformation effect in child eyewitnesses? *TBD*.

### RESEARCH IN PROGRESS

**Payne, A. E.**, Eakin, D. K., & Pratte, M. S. (MS State). Measuring and manipulating false recollections in recognition memory.

**Payne, A. E.**, & Eakin, D. K. (MS State). Measuring the role of the hippocampus in false recollection using older adults.

**Payne, A. E.**, & Eakin, D. K. (MS State). Evaluating the impact of speech dynamics between human and robot interviewers on false memories.

### CONFERENCE PRESENTATIONS

(Payne née Jones)

**Payne, A. E.**, Eakin, D. K., & Pratte, M. S. (2018). Measuring and manipulating false recollections in recognition memory. Poster presentation at Psychonomic Society's 58<sup>th</sup> Annual Meeting, New Orleans, LA.

**Payne, A. E., & Eakin, D. K.** (2018). Does implicitly activated nonstudied material facilitate false recall? A test of the CLS model's predictions. Poster presentation at Canadian Society for Brain, Behavior, and Cognitive Science 2018 Conference, St. John's, Newfoundland.

**Payne, A. E., & Eakin, D. K.** (2016). Measuring the impact of implicit associations on false recognition. Poster presentation at Psychonomic Society's 56<sup>th</sup> Annual Meeting, Boston, MA.

**Eakin, D. K., Payne, A. E., Bethel, C. L., May, D. C., Pilkinton, M., Henkel, Z., & Stives, K.** (2016). Children don't fear the robot inquisition: The effect on memory of misleading information from a robot. Poster presentation at International Conference on Memory, Budapest, Hungary.

**Jones, A., & Eakin, D. K.** (2016). Metamemory monitoring failures produce false memories. Oral presentation at Southern Society for Philosophy & Psychology Annual Meeting, Louisville, KY.

**Jones, A., & Eakin, D. K.** (2015). Metamemory monitoring failure produces false memories. Poster presentation at Psychonomic Society's 55<sup>th</sup> Annual Meeting, Chicago, IL.

**Jones, A., & Eakin, D. K.** (2015). Do we treat false memories the same as true memories? Oral presentation at Mississippi State University's Graduate Student Research Symposium, Mississippi State, MS.

**Jones, A., & Eakin, D. K.** (2014). Does prior familiarity induce false memories? Oral presentation at Mississippi State University's Graduate Student Research Symposium, Mississippi State, MS.

**Jones, A., & Eakin, D. K.** (2013). Do photographs create false memories? Poster presentation at Psychonomic Society's 55<sup>th</sup> Annual Meeting, Toronto, CA.

**Jones, A., & Eakin, D. K.** (2013). The role of photographic versus verbal information in creating false memories. Poster presentation at Southeastern Psychological Association Annual Meeting, Atlanta, GA.

**Tan, E., Jones, A., Eakin, D. K.** (2012). Why don't students use retrieval practice and/or repeated study? Poster presentation at Southeastern Psychological Association Annual Meeting, New Orleans, LA.

### **SERVICE EXPERIENCE:**

- "Twitternome" at Psychonomic's 60<sup>th</sup> Annual Meeting in New Orleans, LA
  - Duties:
    - Live tweet talks/presentations from the official Psychonomics Twitter account.
    - Write summaries of highlights each night to be published on their website.