

E. EMORY DAVIS

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PROFESSIONAL PROFILE

- 7+ years of experience as a research scientist studying cognitive development, language acquisition, linguistics, and psychology
- Expertise in project management, primary data collection, experimental design, and data analysis using quantitative and qualitative methods
- Excellent written and oral communication skills
- 7+ years of experience developing and maintaining positive relationships with customers, clients, and institutional partners

EDUCATION

Ph.D., Cognitive Science, Johns Hopkins University, 2019

M.A., Cognitive Science, Johns Hopkins University, 2016

B.A., Linguistic Anthropology (Psychology Minor), Barnard College, Columbia University, 2007

SKILLS

Quantitative and qualitative data collection and analysis

- Design and implementation of empirical research studies with children and adults
- Coding and analysis of child language corpus data
- Regression analysis and other inferential statistical methods
- Proficient in R and Excel; basic knowledge of Python, Unix, HTML

Leadership, collaboration and management

- Establish and maintain relationships and partnerships with child care centers, families, clients, and customers
- Training, supervision and mentoring of research assistants and undergraduate students
- Management of IRB protocols, including annual reviews
- Collaboration with diverse teams in multiple professional settings
- Course development and instruction

Research and professional communication

- Writing for peer-reviewed publications and IRB applications
- Presenting research to technical and non-technical audiences
- Developing instructional and informational materials for a variety of audiences
- Providing product information and training to clients and customers
- Participant recruitment

PROFESSIONAL EXPERIENCE

Johns Hopkins University, Department of Cognitive Science and School of Education, Baltimore, MD

Postdoctoral Research Fellow, January 2020-present

- Coordinate an interdisciplinary research team on data collection, coding and analysis; development, implementation, and use of proprietary software; and preparation of presentations and publications
- Design and administer empirical research studies on spatial cognition, language acquisition, and cognitive development, both online and in person; identify and conduct appropriate statistical analyses
- Prepare research findings for publication in peer-reviewed journals and for presentations at conferences and other venues
- Supervise undergraduate research assistants for remote and in-lab work; trained, supervised, and mentored 6 research assistants for 1-5 semesters
- Review scientific literature to identify research relevant to current projects
- Designed and taught 2 sections of first-year science seminar course on Theory of Mind in Fall 2020

- Manage two IRB protocols for Language and Cognition Lab, including completion of annual reviews and submission of updates and changes to existing protocols; helped to develop an online data collection protocol for the lab
- Assist with managing expenses and budget for research grant and Language and Cognition Lab funds

Johns Hopkins University, Department of Cognitive Science, Baltimore, MD

Graduate Student Researcher, Teaching Assistant, and Course Instructor, August 2014-December 2019

- Designed and implemented corpus-based and empirical research studies on children's language development, and analyzed data from these studies
- Prepared research findings for publication in peer-reviewed journals and for presentations at academic conferences and departmental talks
- Supervised and mentored 6 undergraduate research assistants for 1-5 semesters
- Instructor for 3 undergraduate-level courses and teaching assistant for 7 graduate- and undergraduate-level courses
- Managed IRB protocol for Language and Cognition Lab, including annual reviews and updates and changes to existing protocols
- Established and maintained working relationships with local child care centers for participant recruitment and running experiments on-site

Informz, Inc., Saratoga Springs, NY

eMarketing Advisor, December 2012– July 2014

- Managed West Coast client base consisting of non-profit associations and higher education institutions
- Provided client trainings and technical support on email marketing product capabilities
- Developed and maintained a trusted relationship with clients, advised on email marketing best practices
- Uncovered revenue opportunities with existing clients to sell new features and professional services

McGraw-Hill Higher Education, New York, NY

Sales Representative, Humanities, Social Sciences, & Languages, January 2012 – November 2012

- Developed and implemented sales strategies for Albany, NY-based territory of 12 colleges and universities, consulting with sales management and product teams
- Determined customer needs and worked with customers to create print and digital course solutions
- Built relationships with key decision makers, including faculty, administrators, bookstore managers
- Provided presentations, training, and support for digital and custom products

Market Development Coordinator, Psychology and Education, October 2007 – January 2012

- Planned, implemented, and evaluated market development strategies for key first editions, growth titles, and digital products, working with editorial, marketing, and sales teams
- Arranged product development activities with instructors; worked directly with over 1200 faculty and customers on short- and long-term projects

SELECTED PUBLICATIONS AND PRESENTATIONS

- Shelton, A. L., **Davis, E. E.**, Cortesa, C. S., Jones, J. D., Hager, G. D., Khudanpur, S., & Landau, B. (2022). Characterizing Spatial Construction Processes: Cognitive Constraints and Variability. *Cognitive Science* 46(1), e13081.
- **Davis, E. E.**, & Landau, B. (2021). Seeing and believing: The relationship between perception and mental verbs in acquisition. *Language Learning and Development* 17(1), 26.
- **Davis, E. E.**, & Landau, B. Seeing vs. Seeing That: Children's Understanding of Direct Perception and Inference Reports. (2021). *Proceedings of Experiments in Linguistic Meaning 1*, 125-135.
- **Davis, E. E.** & Landau, B. What counts as seeing? Young children's comprehension of Direct Perception and Inference reports. Talk: 46th Annual Boston University Conference on Language Development, 2021.
- **Davis, E. E.**, Jones, J. D., McKee, K. K., Shelton, A. L., & Landau, B. The importance of stability in children's and adults' block-building. Poster: Annual Virtual Meeting of the Cognitive Science Society, 2021.