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# Madeleine Oswald

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**SUMMARY:** Psychological scientist and project manager with over 10 years of experience designing, conducting, analysing, and disseminating evidence-based research in the fields of developmental, cognitive, and educational psychology.

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## EDUCATION:

<b>Ph.D., Psychology,</b> University of Chicago, Chicago, IL	June 2022
<b>M.A., Psychology,</b> University of Chicago, Chicago, IL	December 2018
<b>B.A., Psychology and Theatre,</b> Wesleyan University, Middletown CT	June 2014

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## HIGHLIGHTS OF SKILLS AND EXPERTISE:

- Designed research studies using mixed methodologies including experimental manipulation, intervention, normed cognitive assessments, eye tracking, surveys, and language and behaviour coding
  - Used expertise in R, SPSS, SQL, HLM, and Excel to conduct statistical analyses and visualise data
  - Authored 10 successful research grant applications (awarded between \$800-\$20,000)
  - Managed 2-10 person research teams, including multi-site collaborations
  - Delivered over 20 presentations effectively communicating complex information to diverse groups of scientists, teachers, and students
  - Collaborates with educators to create enriching learning environments
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## RESEARCH AND PROJECT MANAGEMENT EXPERIENCE:

- Research Scientist,** University of Chicago, Chicago IL Aug 2022 – Present
- Develops a longitudinally adaptive assessment of pre-K math and literacy
  - Evaluates the impact of a teacher led formative assessment and instruction system on pre-K student math and literacy outcomes, including: maintaining, manipulating and analysing data
  - Works with school administrators to create and implement professional development for Early Childhood Educators
- Ph.D. Researcher,** University of Chicago Cognitive Development Lab, Chicago IL 2016 - 2022
- Managed 9 separate research projects related to early-childhood language and mathematical development, with multiple priorities and tight critical deadlines in a fast-paced environment, including training and supervising research assistants
  - Collaborated with interdisciplinary teams to identify, prioritize, and answer key research questions
  - Designed and performed mixed methods research studies of children ages 2-10 years and their parents
  - Analyzed quantitative and qualitative data and translated key insights into actionable recommendations
  - Communicated strategies to improve student achievement to diverse audiences (researchers, educators, parents) through oral presentations at national conferences, written reports, and publications
- Research Intern,** Children and Screens Institute of Digital Media and Child Development, Jericho NY 2021
- Planned expert webinar series on various topics related to the effects of digital media on child development
  - Prepared reports and summarized research findings for key stakeholders (policy analysts, grant funders, researchers)
- Lab Coordinator,** University of Notre Dame Infant Studies Lab, Notre Dame IN 2014 - 2016
- Managed 14 research projects related to language development with children aged 3-months – 30-months, including collecting and analysing data and training and supervising 10 undergraduate research assistants
  - Maintained lab protocols, budgetary records, participant records, and equipment
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