

# Megan Imundo

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## TOOLS

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R | Python | SQL | Qualtrics | SPSS | Jamovi | JASP | Excel

## SKILLS

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*Linear models:* Regression, mediation/moderation, multilevel models, mixed-effects models, structural equation modeling

*Other quantitative methods:* A/B tests, Bayesian hypothesis testing, item response theory, power analysis

*Qualitative methods:* Inductive and deductive coding, structured interviews, open-response surveys

## EDUCATION

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### University of California, Los Angeles (4.0)

PhD - Cognitive Psychology

Expected Winter 2024

PhD Certificate - Writing Pedagogy

Completed Spring 2022

PhD Minor - Quantitative Methods

Completed Spring 2020

M.A. - Cognitive Psychology

Awarded Fall 2019

### Northwestern University (3.8)

B.A. - Cognitive Science, B.A. - Psychology

Awarded Spring 2018

## RELEVANT EXPERIENCE

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### Pearson

Learning and Design Principles Consultant

March 2022-present

- Synthesize and deliver internal white papers of cutting-edge cognitive and educational science research for Product R&D teams.

### CogX

User Experience Research Consultant

January 2022-present

- Design and analyze the results of multilevel surveys to improve the user experience and teaching curriculum for K-12 students and educators. Showed that students who completed pilot online curriculum increased by 19% in metacognitive awareness.
- Develop material for investor relations and grant applications highlighting program efficacy and other relevant analyses from the research team.

### UCLA Center for the Advancement of Teaching

Instructional Research Consultant | Community Instructional Transformation Initiative

September 2021-present

- Advise 15 UCLA faculty on how to conduct classroom-based research in their courses via instruction and one-on-one meetings on experimental design, selection of appropriate measures, management of data, statistical analysis (linear modeling and Bayesian hypothesis testing), and dissemination of results.

### UCLA Bjork Learning and Forgetting Lab

Doctoral Researcher

August 2018-present

- Led research team in the field of Learning and Memory, resulting in 7 published papers, 40+ conference talks, 3 supervised undergraduate honors theses, and 12 grants worth ~\$40k.
- Created [TestYourself](#), a freely available bank of high-quality test questions, and authored an extensive user experience (~1,000 students; in press March 2023) evaluating students' interactions with the bank and outcomes. Using a mixed-methods paradigm, I showed that ~95% of students recommended that instructors offer this resource and using it increased final exam grades by 7%.

### Teaching

Lead Teaching Associate and Course Instructor

Spring 2020-present

Teaching Associate

Fall 2019-Winter 2020

- Develop and deliver course content and evaluate student competencies (9 courses: including psychological statistics, research methods in psychology, and introduction to evidence-based teaching [graduate course]).
- Mentor 12 first-year teaching assistants on best practices in teaching and manage day-to-day logistics of 600-person class.