

# Jenny Sloane

✉ jennifer.sloane@bcm.edu • 🌐 jennysloane.netlify.app/ • 🌐 jennysloane  
in www.linkedin.com/in/jenny-sloane/ • 🐦 @jfsloane

## CAREER PROFILE

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- Accomplished cognitive psychologist with over 8 years of research experience
- Expertise in research design, data analysis and visualization, and statistics as demonstrated by being the lead researcher on 4 novel psychology projects and 7 journal publications.
- Strong leadership skills and teaching experience - instructed and tutored over 400 students.

## WORK EXPERIENCE AND RELEVANT SKILLS

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### Research, Analytical, and Problem-Solving Skills

*Gained as a graduate student at the University of New South Wales and Syracuse University*

- Developed and designed psychology experiments, collected data from over 1000 people, and analyzed large datasets using R, resulting in cross-functional and international collaborations.
- Experienced programmer with thousands of hours of coding, trouble-shooting, and debugging.
- Implemented computational models to elucidate the underlying mechanisms of decision-making.

### Project Management Expertise

*Gained as PhD mentor at the University of New South Wales*

- Developed a Cognitive Science course for high school students, producing 15 hours of lectures, online statistics tutorials, and a website to post materials and interact with students.
- Supervised 5 high school students to assist them in developing and testing hypotheses, analyzing data using a statistical program called Jamovi, and writing final reports.
- Programmed computer-based psychology experiments using Javascript to collect a unique dataset for high school students to explore and learn the process of data collection.

### Leadership and Teaching Skills

*Gained as a tutor and instructor at multiple universities and research institutes*

- Delivered a series of 8 workshops on "Introduction to R and Programming" to over 30 employees at Center for Innovations in Quality, Effectiveness and Safety and delivered modified R workshops to over 30 girls in secondary schools.
- Instructed and tutored over 400 college students in 5 different psychology and statistics university courses, resulting in curriculum development and oral presentation experience.
- Managed and coordinated 10 graduate teaching assistants for an introduction to psychology course with over 1000 students.
- Communicated research to diverse audiences, as demonstrated by delivering 10 international talks and presentations.

## VOLUNTEER EXPERIENCE

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- Designed and built the [R4Beginners](#) website to help individuals learn how to program in R.
- Promoted STEM for middle and high school students as co-editor and creator of the [UNSW Women in Maths and Science Champions Program Blog](#).
- Assisted a local charity in organizing data from a survey of over 1000 respondents and creating clear, aesthetically appealing visualizations.
- Presented at RLadies Sydney and RLadies Auckland, sharing my knowledge and skills in R, specifically with ggplot and tidyverse.

## TECHNICAL SKILLS

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R	RMarkdown	Microsoft Office
Python	Wordpress	Shiny
Javascript	jspsych	SPSS
HTML/CSS	Git	JAMOV
LaTex	SQL	JASP

## EDUCATION

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**Health Services Research Postdoctoral Fellow** 2022–Present  
*Center for Innovations in Quality, Effectiveness and Safety, Houston, Texas*

**PhD in Cognitive Psychology** 2022  
*University of New South Wales, Sydney, Australia*

- Thesis: The effects of interruptions on decision-making with applications in medicine

**Masters of Science in Experimental Psychology** 2017  
*Syracuse University, Syracuse, NY*

- Thesis: Effects of Item Relatedness on Output Interference in Recognition Memory

**B.A. in Psychology; *magna cum laude*** 2014  
*University of Maryland, College Park, MD*

## AWARDS AND HOBBIES

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- Scientia PhD Scholarship (University of New South Wales)
- First place in a data-hackathon competition.
- Third place in the UNSW Postgraduate Research Competition.
- Travel Grants for 3 conferences for over \$1,500.
- Mark S. Harper Award for Excellence in Psychology (University of Maryland).
- Member of Phi Beta Kappa.
- Love traveling, running, hiking, playing soccer, and watching the Baltimore Ravens.