

# Jenny Sloane

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

## CAREER PROFILE

---

- Accomplished cognitive psychologist with over 9 years of research experience.
- Expertise in research design, data analysis and visualization, and statistics as demonstrated by being the lead researcher on 5 novel cognitive psychology projects and [7 journal publications](#).
- Strong leadership skills and teaching experience - instructed and tutored over 400 students.

## WORK EXPERIENCE AND RELEVANT SKILLS

---

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

*Gained as a postdoc fellow and graduate student at multiple universities and research institutes*

- Versatile mixed methods researcher proficient in leading both quantitative and qualitative projects.
- 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

---

- Designed and built the [R4Beginners](#) website to help individuals learn how to program in R and created [video tutorials](#) to teach others how to build their own websites.
- Built the [R-Girls website](#) and delivered in-person lessons to over 30 R-girls.
- 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.

## TECHNICAL SKILLS

---

R	RMarkdown	Microsoft Office
Python	GitHub	Shiny
Javascript	LaTex	SPSS
HTML/CSS	SQL	JAMOVI

## EDUCATION

---

**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

---

- Fellowship in Diagnostic Excellence, Society to Improve Diagnosis in Medicine.
- 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.