

Jenny Sloane

Curriculum Vitae

Education

- 2022 **PhD**, Cognitive Psychology, University of New South Wales, Sydney.
Thesis: The effects of interruptions on decision-making with applications in medicine
Supervisor: Chris Donkin, Ph.D.
- 2017 **Masters of Science**, Experimental Psychology, Syracuse University.
Thesis: Effects of item relatedness on output interference in recognition memory
- 2014 **Bachelor of Arts**, Psychology, University of Maryland.

Research Experience

- 2022–Present **Health Services Research Postdoctoral Fellow**.
Supervisor: Ashley Meyer, Ph.D., Center for Innovations in Quality, Effectiveness and Safety
- 2018–2022 **Graduate Student**.
Supervisor: Chris Donkin, Ph.D., University of New South Wales
- 2017 **Graduate Student**, Memory Modeling Lab.
Supervisor: Amy Criss, Ph.D., Syracuse University
- 2017 **Visiting Student**, two months for study abroad.
Supervisor: Chris Donkin, Ph.D., University of New South Wales
- 2015–2017 **Graduate Student**, Brain and Behavior Lab.
Supervisor: Corey White, Ph.D., Syracuse University
- 2015 **Research Assistant**, "Hippocampal Memory Network" Project, Neurocognitive Development Lab.
Supervisor: Tracy Riggins, Ph.D., University of Maryland
- 2012–2015 **Research Assistant**, Neurocognitive Development Lab.
Supervisor: Tracy Riggins, Ph.D., University of Maryland
- 2014–2015 **Research Assistant**, Decision, Attention, and Memory Lab.
Supervisor: Michael Dougherty, Ph.D., University of Maryland

Teaching Experience

- 2023 **Instructor**, for a series of workshops on *Introduction to R and Programming*, Center for Innovations in Quality, Effectiveness and Safety.
- 2021 **Teaching Assistant**, *Psychology Internship*, University of New South Wales.
- 2020–2021 **PhD Mentor**, for year 20 high school students as part of a 1-week long intensive summer school program, University of New South Wales.

✉ jennifer.sloane@bcm.edu • 🌐 jennysloane.netlify.app/
in [jenny-sloane](#) • 🔄 [jennysloane](#)

- 2018 **Teaching Assistant**, *Research Methods*, University of New South Wales.
- 2017 **Teaching Assistant Coordinator**, *Introduction to Psychology*, Syracuse University.
- 2017 **Teaching Mentor**, for incoming international and domestic teaching assistants, Syracuse University.
- 2015–2017 **Teaching Assistant**, *Introduction to Psychology*, Syracuse University.
- 2016 **Instructor**, *Cognitive Psychology*, Syracuse University.
- 2016–2017 **Tutor**, for elementary students through Women in Science and Engineering Program, Syracuse University.
- 2014 **Teaching Assistant**, *Developmental Psychology*, University of Maryland.
- 2014 **Tutor**, for student athletes, Academic Support and Career Development Unit, University of Maryland.
- 2013 **Volunteer and Teaching Assistant**, University Park Elementary School, Hyattsville, MD.

Relevant Volunteer Experience

- 2023–Present **Creator of R4Beginners**.
Designed and built the [R4Beginners](#) website to help individuals learn how to program in R.
- 2022–Present **Contributor and Member of R-Girls**.
Built the [R-Girls website](#), created [video tutorials](#) to teach others how to build their own websites, and delivered in-person lessons to over 30 R girls.
- 2021 **PhD Mentor**.
Ran workshops for year 7 and 8 students as part of an [introductory course on data science and R](#), University of New South Wales.
- 2021 **Co-founder and committee member of UNSW CodeRs**.
Created the CodeRs [website](#), presented a workshop on how to build websites in R, and helped students and faculty answer coding questions during monthly drop-in help sessions.
- 2020 **Domestic Violence NSW Service Management**.
Assisted a local charity in organizing data from a survey of over 1000 respondents and creating clear, aesthetically appealing visualizations.
- 2019 **Member of the UNSW Women in Maths and Science Champions Program**.
Promoted STEM for middle and high school students as co-editor and creator of the organization's [blog](#), University of New South Wales
- 2018–Present **Member of RLadies**.
Presented at RLadies Sydney and RLadies Auckland, sharing my knowledge and skills in R, specifically with ggplot and tidyverse.

Publications

- Staal, J., Katarya, K., Speelman, M., Brand, R., Alsma, J., Sloane, J., Van den Broek, W., and Zwaan, L. (2023). Impact of performance and information feedback on medical interns' confidence—Accuracy calibration. *Advances in Health Sciences Education*, 1-17.
- Sloane, J., Donkin, C., Newell, B. R., Singh, H., & Meyer, A. N. (2023). Managing Interruptions to Improve Diagnostic Decision-Making: Strategies and Recommended Research Agenda. *Journal of General Internal Medicine*, 1-6.

✉ jennifer.sloane@bcm.edu • 🌐 jennysloane.netlify.app/
 in [jenny-sloane](#) • 🔄 [jennysloane](#)

- Sloane, J., Newell, B. R., & Liang, G., Donkin, C. (2022). The Mazing Race: Effects of interruptions and benefits of interruption lags in a novel maze-like decision-making paradigm. *Journal of Experimental Psychology: Applied*.
- Liang, G., Sloane, J. F., Donkin, C., & Newell, B. R. (2022). Adapting to the algorithm: how accuracy comparisons promote the use of a decision aid. *Cognitive research: principles and implications*, 7(1), 1-21..
- Sloane, J., Donkin, C., Newell, B. R., & Liang, G. (2019). What's Lagging in our Understanding of Interruptions?: Effects of Interruption Lags in Sequential Decision-Making. In *CogSci* (pp. 1063-1069).
- Starns, J. J., Cataldo, A. M., Rotello, C. M., Annis, J., Aschenbrenner, A., Bröder, A., ... & Wilson, J. (2019). Assessing theoretical conclusions with blinded inference to investigate a potential inference crisis. *Advances in Methods and Practices in Psychological Science*, 2(4), 335-349.
- White, C.N., Curl, R.A., & Sloane, J.F. (2016). Using decision models to enhance investigations of individual differences in cognitive neuroscience. *Frontiers in Psychology*, 7, 81.

Invited Talks

- Sloane, J., Meyer, A. N. (2023). Cognitive Vulnerabilities and Potential Solutions for Improved Diagnosis. Invited talk for the Patient-Partnered Diagnostic Center of Excellence. Houston, Texas.
- Sloane, J., Donkin, C., Curl, R.A., & White, C.N. (2020). Item relatedness in output interference. Invited talk at the *University of Melbourne*. Melbourne, Australia.
- Sloane, J., Donkin, C., & Newell, B. (2019). Effects of interruptions, time pressure, and feedback on decision-making. Invited talk at the *University of Maryland, College Park*. Maryland, USA.
- Sloane, J., Donkin, C., Newell, B., & Liang, G. (2019). What's lagging in our understanding of interruptions?. Invited talk at the *Annual Meeting of Cognitive Science Society*. Montreal, Canada.
- Sloane, J., Liang, G., Newell, B., & Donkin, C. (2019). What's lagging in our understanding of interruptions?. Invited talk at the *Annual Meeting of the Australasian Society for Experimental Psychology*. Wellington, New Zealand.
- Sloane, J., Liang, G., Newell, B., & Donkin, C. (2018). What's lagging in our understanding of interruptions?: Effects of interruption lags in sequential decision-making. Invited talk at *Syracuse University*. Syracuse, USA.

Poster Presentations

- Sloane, J., Donkin, C., Newell, B., Singh, H., & Meyer, A. N. (2022). Experimental methods for understanding diagnostic difficulty. Poster presented at the *Annual Meeting of the Society to Improve Diagnosis in Medicine*, Minneapolis, USA.
- Sloane, J., Chan, N., Donkin, C., & Newell, B. (2021). Investigating the impact of interruptions within a unique set of medical cases. Poster presented at the *Annual Meeting of the Society to Improve Diagnosis in Medicine*, virtual.

✉ jennifer.sloane@bcm.edu • 🌐 jennysloane.netlify.app/
 in [jenny-sloane](#) • 🔄 [jennysloane](#)

- Sloane, J., Donkin, C., Curl, R.A., & White, C.N. (2020). Investigating the effect of memory bias on output interference. Poster presented accompanied by a 5 minute talk at the *Annual Meeting of the Psychonomic Society*, virtual.
- Sloane, J., Liang, G., Donkin, C., & Newell, B. (2019). The Cognitive Reflection Test under pressure. Poster presented at the *International Meeting of Diagnostic Error in Medicine*, Melbourne, Australia and at the *Annual Meeting of the Society for Mathematical Psychology*, Montreal, Canada.
- Sloane, J., Liang, G., Donkin, C., & Newell, B. (2018). What's lagging in our understanding of interruptions?: Effects of interruption lags in sequential decision-making. Poster presented at the *Annual Meeting of the Society of Judgment and Decision Making*, New Orleans, USA.
- Sloane, J.F., Curl, R.A., White, C.N., Donkin, C., & Criss, A.H. (2017). Effects of item relatedness on output interference in recognition memory: A hierarchical Bayesian Analysis. Poster presented at the *Annual Meeting of the Psychonomic Society*, Vancouver, Canada and at the *Annual Meeting of the Australasian Society for Experimental Psychology*, Hobart, Australia.
- Sloane, J.F., Curl, R.A., & White, C.N. (2016). Understanding effects of categorization on memory bias and discriminability as a function of output interference. Poster presented at the *Annual Meeting of the Society for Mathematical Psychology*, New Brunswick, NJ and at the *Annual Meeting of the Psychonomic Society*, Boston, USA.
- Curl, R.A. Sloane, J.F., & White, C.N. (2015). Exploring the Representation of Semantic Similarity in Recognition Memory. Poster presented at the *Annual Meeting of the Psychonomic Society*, Chicago, USA.

Honors and Awards

- 2018-2022 Scientia PhD Scholarship, University of New South Wales
- 2019 Member of Women in Maths and Science Champions Program, University of New South Wales
- 2019 First place in a data-hackathon competition
- 2018 Third place in the UNSW Postgraduate Research Competition
- 2017 Neuroscience Travel Award
- 2016-2017 Member of Women in Science and Engineering, Syracuse University
- 2016 Women of Mathematical Psychology Travel and Networking Award
- 2015 Mark S. Harper Award for Excellence in Psychology, University of Maryland
- Member of Phi Beta Kappa
- College Park Scholars Program, *Public Leadership*, University of Maryland