

MADELINE H. PELGRIMEmail: mpelgrim@gmail.comWebsite: <https://mpelgrim.github.io/>**Education**

PhD in Cognitive Science

Sep 2020 - Present

Brown University, Providence, RI, USA

Advisor: Daphna Buchsbaum

H. BSc in Psychology & Biology with High Distinction

Sep 2015 – Jun 2019

*The University of Toronto, Toronto, ON, CA***Publications**

1. ManyDogs Project, Alberghina, D., Bray, E.E., Buchsbaum, D., Byosiore, S.E., Espinosa, J., Gnanadesikan, G.E., Guran, A., Hare, E., Horschler, D.J., Huber, L., Kuhlmeier, V.A., MacLean, E.L., **Pelgrim, M.H.**, Perez, B., Ravid-Schurr, D., Rothkoff, L., Sexton, C.L., Silver, Z.A., & Stevens, J.R. (submitted; preprint). ManyDogs Project: A Big Team Science Approach to Investigating Canine Behavior and Cognition. <https://psyarxiv.com/j82uc/>
2. **Pelgrim, M. H.**, Espinosa, J., Buchsbaum, D. (2022) Head-Mounted Mobile Eye-tracking in the Domestic Dog: A New Method. *Behavior Research Methods* <https://doi.org/10.3758/s13428-022-01907-3>
3. **Pelgrim, M. H.**, & Buchsbaum, D. (2022) Categorizing Dogs' Real World Visual Statistics. *Proceedings of the 44th Annual Conference of the Cognitive Science Society*. <https://escholarship.org/uc/item/769022r9>
4. ManyDogs Project, Espinosa, J., Bray, E. E., Buchsbaum, D., Byosiore, S. Byrne M, Freeman, M. S., Gnanadesikan, G. E., Guran, A., Horschler, D. J., Huber, L., Johnston, A. M., MacLean, E. L., **Pelgrim, M. H.**, Santos, L., Silver, Z. A., Stevens, J. R., Völter, C. J., & Zipperling L. (pre-registered report accepted in principle). ManyDogs 1: A multi-lab replication study of dogs' pointing comprehension. *Animal Behavior and Cognition*: <https://doi.org/10.31234/osf.io/f86jq>
5. **Pelgrim, M. H.**, Espinosa, J., Tecwyn, E.C., Marton, S. M., Johnston, A.M., Buchsbaum, D. (2021) What's the point? Domestic Dogs' understanding of the accuracy of human social informants. *Animal Cognition*. <https://doi.org/10.1007/s10071-021-01493-5>
6. **Pelgrim M.**, Aulakh, A., Ekmekjian, G., Dias K., Somanader, E., Peng, X.J. (2019, June). The Globe at Gunpoint: An analysis of conflict and climate-change induced migration. *Juxtaposition* 12(1), 21 – 24.

Conference Presentations

1. **Pelgrim, M.** & Buchsbaum, D. (2022, October) Categorizing Dogs' Real World Visual Statistics. Talk at the *Canine Science Conference* in Hamilton, NY, USA

2. **Pelgrim, M.** & Buchsbaum, D. (2022, July) Categorizing Dogs' Real World Visual Statistics. Talk at the *44th Annual Conference of the Cognitive Science Society* online and in Toronto, ON, Canada
3. **Pelgrim, M.**, Espinosa, J., Buchsbaum, D. (2022, April). Impact of Value and Familiarity on Dogs' Food Preferences. Talk at the *29th Annual International Conference of the Comparative Cognition Society* online
4. **Pelgrim, M.**, Espinosa, J., Buchsbaum, D. (2021, July). Head Mounted Eye-Tracking In Dogs: A New Method. Talk at the *7th Biannual Canine Science Forum* online & in Lisbon, Portugal
5. ManyDogs, Espinosa, J., **Pelgrim, M.**, Byosiére S. (2021, July). The ManyDogs Project. Virtual round table at the *7th Biannual Canine Science Forum* online & in Lisbon, Portugal
6. Espinosa, J., Corbit, L., McGinn, K., **Pelgrim, M.**, Buchsbaum, D. (2021, July). Domestic dogs understanding of the temporal priority principle. Virtual Talk at the *7th Biannual Canine Science Forum* online & in Lisbon, Portugal
7. **Pelgrim, M.**, Espinosa, J., Buchsbaum, D. (2021, April). Head Mounted Eye-Tracking In Dogs: An Update and Future Directions. Talk at the *East Coast Canine Cognition Workshop* online
7. **Pelgrim, M.**, Espinosa, J., Buchsbaum, D. (2021, April). Wearable Eye-tracking in the Domestic Dog: A New Method. Talk at the *28th Annual International Conference of the Comparative Cognition Society* online
8. Gnanadesikan, Gitanjali E., Julia Espinosa & **ManyDogs**. (2021, January). ManyDogs 1: An International Collaborative Approach to Pointing Comprehension in Domestic Dogs. Presented at the *Animal Behaviour Twitter Conference*.
<https://twitter.com/ManyDogsProject/status/1354550089918767105>
9. Espinosa, J., Corbit, L., McGinn, K., **Pelgrim, M.**, Buchsbaum, D. (2020, September). Exploring domestic dogs use of temporal directionality for inferring hidden causal relations. Talk presented virtually at the *University of Toronto's Ebbinghaus Empire Meeting* online.
10. Espinosa, J., Corbit, L., McGinn, K., **Pelgrim, M.**, Buchsbaum, D. (2020, July). Investigating the spatiotemporal priority principle in domestic dogs. Talk presented virtually at the *Animal Behaviour Society Virtual Meeting* online, originally scheduled to be in Knoxville, TN, USA
11. **Pelgrim, M.**, Espinosa, J., Buchsbaum, D. (2020, February). Wearable Eye-tracking in the Domestic Dog: A New Method. Talk at the *East Coast Canine Cognition Workshop* in New Haven, CT, USA
12. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2019, October). Domestic Dogs' understanding of the accuracy of human social informants. Talk at the *Canine Science Conference* in Phoenix, AZ, USA

13. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2019, January). What's the point? Domestic dogs understanding of the accuracy of human social cues. Talk at the *Arts and Sciences Student Union Undergraduate Research Conference* in Toronto, ON, Canada.
14. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2018, November). Domestic dogs understanding of the accuracy of human social cues. Talk at the *East Coast Canine Cognition Workshop* in New Haven, CT, USA.
15. Espinosa, J., Tecwyn, E., **Pelgrim, M.**, Marton, S., Johnston, A., Buchsbaum, D. (2018, July). What's that point all about? Domestic dogs compare the accuracy of human social cues. Talk at the *Canine Science Forum* in Budapest, Hungary.

Conference Posters

1. Gatesy-Davis, A., **Pelgrim, M.**, Buchsbaum, D. (2022, October). Measuring Humans' Trust in Dogs with the Multi-Dimensional Measure of Trust (MDMT). Poster at the *Canine Science Conference* in Hamilton, NY, USA
2. Gatesy-Davis, A., **Pelgrim, M.**, Buchsbaum, D. (2022, April). Measuring Humans' Trust in Dogs with the Multi-Dimensional Measure of Trust (MDMT). Poster at the *29th Annual International Conference of the Comparative Cognition Society* online
3. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2021, April). Domestic Dogs' understanding of the accuracy of human social informants. Poster at the *Society for Research in Child Development Biennial Conference* online
4. Espinosa, J., Corbit, L., McGinn, K., **Pelgrim, M.**, Buchsbaum, D. (2020, July). Domestic dogs' understanding of spatial temporal priority. Poster presented virtually at the *42nd Annual Meeting of the Cognitive Science Society* online
5. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2019, July). Domestic Dogs' understanding of the accuracy of human social informants. Poster presented at the *41st Annual Meeting of the Cognitive Science Society* in Montreal, QC, Canada
6. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Marton, S., Johnston, A., Buchsbaum, D. (2019, April). Domestic Dogs' understanding of the accuracy of human social informants. Poster presented at the *26th Annual International Conference of the Comparative Cognition Society* in Melbourne Beach, FL, USA
7. **Pelgrim, M.**, Espinosa, J., Tecwyn, E., Buchsbaum, D. (2017, March). Physical reasoning in the domestic dog: An exploration of solidity. *Undergraduate Research Opportunities Program Poster Session*, Toronto, ON, Canada

Research Experience

Brown University <i>Brown Dog Lab</i>	Decision making, head-mounted eye-tracking in dogs	Sep 2020 - Present
ManyDogs	Led methods and protocol development, led data collection at Brown Dog Lab	Nov 2017 - Present

*Methods Team,
Experimenter Review
Team, Team Captain*

University of Toronto Physical reasoning, causal learning, and Sep 2016 – Jun 2019
Computational Cognitive selective trust in dogs
Development Lab

Invited Talks

Introduction to Canine Cognition.	Sep 2019
<i>University of Toronto Student Recruitment Training</i>	
Research in Canine Cognition: The Lab Experience	May 2019
<i>University of Toronto International Counsellors Event</i>	
Undergraduate Research	Nov 2018
<i>University of Toronto Psychology Student Association</i>	

Professional Service

Assistant Director: Methods Development Sep 2022 - Present
ManyDogs

- Leads committee to support ManyDogs projects implementing best practices in canine science research methods. Acts as spokesperson for the committee and provides regular updates to the Co-Directors about progress and problems.

Ad Hoc Reviewer Aug 2022 - Present

- Animal Cognition

IACUC Primary Scientific Member May 2022 – Present
Brown University Institutional Animal Care and Use Committee

- Conduct evaluations of animal care and use program, supervise and assess animal care and use activities, review and approve of institutional training programs

Graduate Student Representative Jul 2021 – Jul 2022
Brown University Department of Cognitive, Linguistic, & Psychological Sciences

- Liaise between graduate student body and department, advocate on behalf of student body, plan events, and foster a welcoming and inclusive environment

Animal Research Compliance Advisory Group Member Feb 2021 – Present
Brown University Office of Research Integrity

- Collaborate and partner with animal research program stakeholders that will promote positive animal welfare initiatives

Meeting Organizer Sep 2019 – Apr 2020

Greater Toronto Area Animal Cognition Group

- Contacted and invited speakers from a wide range of disciplines and scheduled monthly meetings. Facilitated meetings, introducing speakers and moderating timing of discussion

Teaching & Mentoring

Instructor	<i>Pre-College Program, Brown University</i> Psychology Across Species: Animal Cognition & Behavior	Summer 2022
	<ul style="list-style-type: none"> • Independent instructor responsible for course design, teaching, assignments, and grading (~20 students) 	
Supervisory Teaching Assistant	<i>Department of Cognitive, Linguistic, & Psychological Sciences, Brown University</i> Mind, Brain, and Behavior: An Interdisciplinary Approach (CLPS0010)	Fall 2022
	<ul style="list-style-type: none"> • Managed a team of 4 Teaching Assistants, oversaw course material preparation and grading 	
Teaching Assistant	<i>Department of Cognitive, Linguistic, & Psychological Sciences, Brown University</i> Mind, Brain, and Behavior: An Interdisciplinary Approach (CLPS0010)	Fall 2021
	Children's Thinking (CLPS0610)	Spring 2022
	Children's Thinking Asynchronous (CLPS0611)	Summer 2022
Student Mentorship	<i>Brown University</i> International Graduate Student Peer Mentor (~16 students per year)	Sep 2021 – Present
	Research Mentor (6 Students in the Brown Dog Lab)	Sep 2020 – Present
	<i>University of Toronto</i> Research Mentor (20+ students, Computational Cognitive Development Lab and Canine Cognition Lab)	Jun 2017 – Aug 2020
		Oct 2018 – Apr 2019

Ecology and Evolutionary Biology Peer Mentor (3 students) May 2017 – Sep 2018
 Woodsworth College E-Mentor (30 students)

Awards & Honors

Interactionist Cognitive Neuroscience T32 Training Grant	2022 - 2024
NSF Graduate Research Fellowship Program Honorable Mention	2022
Mary L. S. Downes Fund Fellowship Recipient	2022
Brown University Conference Travel Fund	2021, 2022
University of Toronto ASSU Travel Grant	2019
NSERC Undergraduate Student Research Award	2018

Skills & Certifications

Computer Languages: R, Python

Teaching: Sheridan Centre Teaching Essentials for Graduate TA's (2021), Sheridan Centre Reflective Teaching (2022)

Other tools: MATLAB, LaTeX, Head-mounted eye-tracking methods for dogs, Photoshop

Selected Media Coverage

“In Photos: U of T's Canine Cognition Lab, where dogs play and humans learn” (March, 2019) *University of Toronto News*. <https://www.utoronto.ca/news/photos-u-t-s-canine-cognition-lab-where-dogs-play-and-humans-learn>

“What does a Scientist Look Like?” (March, 2019) *The Varsity, University of Toronto's Student Newspaper*, <https://thevarsity.ca/2019/03/10/what-does-a-scientist-look-like/>

“How do dogs learn? U of T undergrads look for answers” (March, 2017) *University of Toronto News*. <https://www.utoronto.ca/news/how-do-dogs-learn-u-t-s-undergrads-look-answers>