

<b>CONTACT INFORMATION</b>	UC Berkeley, EECS Department, CS Graduate Student 396 Soda Hall, #1776 Berkeley, CA 94720-1776	+1 (818) 619-1575 <a href="mailto:eringrant@berkeley.edu">eringrant@berkeley.edu</a> <a href="https://eringrant.github.io/">https://eringrant.github.io/</a>
<b>EDUCATION</b>	<b>Ph.D. in Computer Science</b> UNIVERSITY OF CALIFORNIA, BERKELEY	MAY 2022 (EXPECTED)
	<b>Honours B.Sc. in Computer Science</b> UNIVERSITY OF TORONTO	JUNE 2016
<b>RESEARCH EXPERIENCE IN INDUSTRY</b>	<b>DeepMind</b> Role: Research Scientist Intern	LONDON, <i>date t.b.d.</i>
	<b>Google Research</b> Role: Research Intern <i>followed by</i> Student Researcher, Brain Team	MONTRÉAL, JUNE 2019 – AUGUST 2020
	<b>OpenAI</b> Role: Member of Technical Staff (Research Intern)	SAN FRANCISCO, SUMMER 2018
<b>RESEARCH EXPERIENCE IN ACADEMIA</b>	<b>Graduate Student Researcher</b> Advisors: T. Griffiths	2016 – EECS DEPT., UNIVERSITY OF CALIFORNIA, BERKELEY
	<b>Undergraduate Researcher</b> Advisors: R. Urtasun and S. Fidler	2015 – 2016 DEPT. OF CS, UNIVERSITY OF TORONTO
	<b>Undergraduate Researcher</b> Advisors: S. Stevenson and A. Nematzadeh	2014 – 2016 DEPT. OF CS, UNIVERSITY OF TORONTO
<b>TEACHING EXPERIENCE</b>	<b>Graduate Student Instructor (GSI)</b> Course: CS194/294-129: Deep Learning	2018 UNIVERSITY OF CALIFORNIA, BERKELEY
	<b>Teaching Assistant (TA)</b> Courses: CSC401/2511: Natural Language Computing CSC411/2515: Introduction to Machine Learning	2015, 2016 UNIVERSITY OF TORONTO
<b>PUBLICATIONS</b>	<b>Conference Proceedings</b>	
	<ol style="list-style-type: none"> <li>1. McCoy, R.T., Grant, E., Smolensky, P., Griffiths, T.L., &amp; Linzen, T. (2020). "Universal linguistic inductive biases via meta-learning." In <i>Proceedings of the 42nd Annual Meeting of the Cognitive Science Society (CogSci)</i>, Toronto, July 2020.</li> <li>2. Prystawski, B., Grant, E., Nematzadeh, A., Lee, S.W.S., Stevenson, S., &amp; Xu, Y. (2020). "Tracing the emergence of gendered language in childhood." In <i>Proceedings of the 42nd Annual Meeting of the Cognitive Science Society (CogSci)</i>, Toronto, July 2020.</li> <li>3. Jerfel, G.,* Grant, E.,* Griffiths, T.L., &amp; Heller, K. (2019). "Reconciling meta-learning and continual learning with online mixtures of tasks." In <i>Advances in Neural Information</i></li> </ol>	

*Processing Systems (NeurIPS)*, Vancouver, Canada. (**Spotlight oral**; \* denotes equal contribution)

4. **Grant, E.**, Peterson, J., & Griffiths, T.L. (2019). "Learning deep taxonomic priors for concept learning from few positive examples" In *Proceedings of the 41st Annual Meeting of the Cognitive Science Society (CogSci)*, Montréal, July 2019.
5. Nematzadeh, A., Burns, K., **Grant, E.**, Gopnik, A. & Griffiths, T.L. (2018). "Evaluating theory of mind in question answering." In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Brussels, October 2018. (**Oral**)
6. **Grant, E.**, Finn, C., Levine, S., Darrell, T., & Griffiths, T.L. (2018). "Recasting gradient-based meta-learning as hierarchical Bayes." In *Proceedings of the 6th International Conference on Learning Representations (ICLR)*, Vancouver, April 2018.
7. **Grant, E.**, Nematzadeh, A. & Griffiths, T. L. (2017). "How can memory-augmented neural networks pass a false-belief task?" In *Proceedings of the 39th Annual Meeting of the Cognitive Science Society (CogSci)*, London, July 2017, 427–432. (**Oral**)
8. **Grant, E.**, Nematzadeh, A. & Stevenson, S. (2016). "The interaction of memory and attention in novel word generalization: A computational investigation." In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society (CogSci)*, Philadelphia, August 2016, 2309–2314. (**Oral**)
9. Nematzadeh, A., **Grant, E.** & Stevenson, S. (2015). "A computational cognitive model of novel word generalization." In *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Lisbon, September 2015, 1795–1804. (**Oral**)

#### Workshop Proceedings

10. **Grant, E.**, Hadfield-Menell, D., Darrell, T., Griffiths, T.L. & Mordatch, I. (2018). "Emergent communication via model-based policy transmission." In *Proceedings of the 2nd Workshop on "Emergent Communication" (EmComm2) at NeurIPS 2018*, Montreal, Canada.
11. Burns, K., Nematzadeh, A., **Grant, E.**, Gopnik, A. & Griffiths, T.L. (2018). "Exploiting attention to reveal shortcomings in memory models." In *Proceedings of the Workshop on "Black-box NLP" at EMNLP 2018*, Brussels, October 2018, 378–380.
12. **Grant, E.**, Finn, C., Peterson, J., Abbott, J., Levine, S., Griffiths, T.L. & Darrell, T. (2017). "Concept acquisition via meta-learning: Few-shot learning from positive examples." In *Proceedings of the Workshop on "Cognitively Informed Artificial Intelligence" at NeurIPS 2017*.
13. Nematzadeh, A., **Grant, E.**, & Griffiths, T.L. (2017). "Evaluating the capacity to reason about beliefs." In *Proceedings of the Workshop on "Cognitively Informed Artificial Intelligence" at NeurIPS 2017*. (**Oral**)

#### PRESENTATIONS Invited Talks

Workshop on "Meta-Learning" – NEURIPS CONFERENCE, VANCOUVER, BC      DECEMBER 2019

Workshop on "Shared Visual Representations in Human & Machine Intelligence" – NEURIPS CONFERENCE, VANCOUVER, BC      DECEMBER 2019

OpenAI – SAN FRANCISCO, CA      JULY 2017

## AWARDS & HONOURS

### Natural Sciences and Engineering Research Council of Canada (NSERC) (*Canadian federal granting agency, equivalent to the National Science Foundation (NSF)*)

- Canada Graduate Scholarship, Doctoral (CGS-D), *declined* 2020
- NSERC Postgraduate Scholarship, Doctoral (PGS-D) 2020
- Undergraduate Student Research Award (USRA) 2014, 2015

### Conference on Neural Information Processing Systems (NeurIPS)

- Best reviewer (top 7%). 2018 – 2019

### University of California, Berkeley

- EECS Excellence Award 2016
- EECS Departmental Fellowship 2016
- U.C. Berkeley Microsoft Research Women's Fellow 2016

### University of Toronto

- Dean's List Recipient 2011 – 2016
- Innis Exceptional Achievement Award 2011 – 2016
- President's Entrance Scholarship 2011

### Ontario Ministry of Training, Colleges and Universities

- Aiming for the Top Scholarship 2011 – 2016

## SERVICE TO THE PROFESSION

### Workshop Organization

- Chair, Women in Machine Learning Workshop (WiML) NEURIPS 2020
- Organizer, Workshop on "Structure & Priors in RL" (SPiRL) ICLR 2019
- Organizer, Workshop on "Meta-Learning" (MetaLearn) NEURIPS 2018, 2020

### Ad hoc reviewer (Conference Proceedings)

#### Active Service:

- AAAI Conference on Artificial Intelligence (AAAI) 2020 – 2021
- Annual Meeting of the Association for Computational Linguistics (ACL) 2019 – 2020
- International Conference on Artificial Intelligence and Statistics (AISTATS) 2019 – 2021
- Annual Meeting of the Cognitive Science Society (CogSci) 2016 – 2020
- Conference on Computational Natural Language Learning (CoNLL) 2019 – 2020
- International Conference on Learning Representations (ICLR) 2019 – 2021
- International Conference on Machine Learning (ICML) 2018 – 2020
- Annual Conference on Neural Information Processing Systems (NeurIPS) 2018 – 2020

#### Prior Service:

- IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2019 – 2020
- Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019
- International Conference in Computer Vision (ICCV) 2019
- IEEE/RSJ International Conference on Intelligent Robots & Systems (IROS) 2017

### Ad hoc Reviewer (Workshop Proceedings)

- Workshop on Generative Modeling & Model-Based Reasoning for Robotics & AI 2019
- Workshop on Adaptive & Multitask Learning: Algorithms & Systems (AMTL) 2019
- Women in Computer Vision Workshop (WiCV) 2018
- International Workshop on Automatic Machine Learning (AutoML) 2018 – 2019
- Workshop on Meta-Learning (MetaLearn) 2017, 2019

**OUTREACH**

**UC Berkeley Women in Computer Science & Engineering (WiCSE)**

- Co-president of WiCSE and co-organizer of the 7th Annual Berkeley-Stanford Meetup for women in computer science & electrical engineering. 2018 – 2019
- Weekly co-ordinator of lunch discussion with invited speakers. 2017 – 2018

**Berkeley AI Research (BAIR) Mentoring Program**

- Mentor for undergraduate groups who are underrepresented in AI. 2017 – 2019