Belinda Xie

Scientia PhD Candidate

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Education

University of New South Wales · *Sydney, NSW*

PhD · *2017 - Current*

- **Research Question:** How does dependency within a sample of evidence influence reasoning?
- **Supervisors:** Brett K. Hayes, Danielle J. Navarro

University of Western Australia · *Crawley, WA*

Bachelor of Science (First Class Honours), GPA: 6.7/7 · *2012 - 2016*

- **Double majors:** Psychological Science and Psychology in Society
- **Honours Thesis:** "Help me understand climate change: Group discussions improve success rates on the Carbon Dioxide Accumulation Task"
- **Honours Supervisors:** Mark J. Hurlstone, Iain Walker
- **Exchange:** University of Washington, Seattle, USA — *2013-2014, GPA: 3.9/4*

Other Education

Computational Modeling · *Dijon, France*

Fourth European Summer School on Computational and Mathematical Modeling of Cognition · *2018*

- One of 33 participants from 100 international applicants
- Gained skills in computational modeling, R, JAGS
- Mentored by Simon Farrel, University of Western Australia

Bayesian Modeling · *Amsterdam, the Netherlands*

Eighth Annual JAGS and WinBUGS Workshop: Bayesian Modeling for Cognitive Science · *2018*

- Increased competency in Bayesian modeling and JAGS

Bayesian Statistics · *Amsterdam, the Netherlands*

Theory and Practice of Bayesian Hypothesis Testing: A JASP Workshop · *2018*

- Improved understanding of various Bayesian statistical tests

Awards and Memberships

Scientia PhD Scholarship

UNSW · *2018 - Present*

- One of 50 recipients university-wide from 2400 invited Expressions of Interest
- Annual stipend of $40,000 and annual $10,000 career development package

UNSW Women in Maths and Science Champion

UNSW · *2019 - 2020*

- One of 22 women chosen to participate
- Gained professional development and outreach skills

Best Student Presentation

Australasian Society for Experimental Psychology · *2018*

- Awarded at the 45th Annual Conference of the Australasian Society for Experimental Psychology
- $200 cash

Publications

2019

- **Xie, B.**, Brewer, M. B., Hayes, B. K., McDonald, R. I., & Newell, B. R. (2019). Predicting climate change risk perception and willingness to act. *Journal of Environmental Psychology, 65*, 101331. doi: 10.1016/j.jenvp.2019.101331

2018

- **Xie, B.**, Hurlstone, M. J., & Walker, I. (2018). Help me understand climate change: Groups outperform individuals in the Climate Stabilization Task. *Frontiers in Psychology, 9*(2274). doi: 10.3389/fpsyg.2018.02274
- **Xie, B.**, Hayes, B. K., & Navarro, D. (2018). Adding types, but not tokens, affects the breadth of property induction. In T. T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Conference Presentations

"Bayes for New and Old: Modelling type and token effects in induction"   *2020*
- **Talk**, Australian Mathematical Psychology Conference (Coogee, Australia)

"Independent Testimonies are no better than Sequential Testimonies in Judgments under Uncertainty"   *2019*
- **Poster**, 60th Annual Meeting of the Psychonomic Society (Montreal, Canada)

"Sequential testimony is as good as independent testimony in judgments under uncertainty"   *2019*
- **Talk**, Australasian Mathematical Psychology Conference (Melbourne, Australia)

"Adding types, but not tokens, affects the breadth of property induction"   *2018*
- **Talk**, 40th Annual Conference of the Cognitive Science Society (Madison, USA)
- **Talk**, 45th Annual Conference of the Australasian Society for Experimental Psychology (Hobart, Australia)

"Help Me Understand Climate Change"   *2016*
- **Talk**, University of Western Australia School of Psychology Honours Conference

"Cultural Clash at the University: When Family and College Collide"   *2014*
- **Poster**, University of Washington Undergraduate Research Symposium

Media

2020

- Interviewed in: Tang, C. (2020, February 7) Climate change denialism is something we all suffer from. Retrieved from UNSW Newsroom.
- Interviewed in: Filatoff, N. (2020, February 10). The psychology of climate-change denial – we're all on the spectrum. Retrieved from pv magazine.
- Consulted for: Yun, J. (2020, January 24). This is the country that doubts climate science the most. Retrieved from Yahoo Finance.
- Consulted for: Williams, L. (2020, January 17). The Impact Of Climate Denialism Can't Be Ignored. Retrieved from Gizmodo.

2019

- **Xie, B.** & Newell, B. (2019, September 18). Why attending a climate strike can change minds (most importantly your own). *The Conversation*. Retrieved from The Conversation.

Teaching Experience

PSYC3341 - Tutor, Senior Tutor   *UNSW*

Developmental Psychology   *2017 - Present*
- 2019: 72 students - Senior Tutor
- 2018: 43 students
- 2017: 37 students

PSYC1001 - Tutor   *UNSW*

Psychology 1A   *2019*
- 2019: 55 students

PSYC1024 - Casual Marker   *UNSW*

Clinical Perspectives on Anxiety, Mood and Stress   *2018*
- Assessed students' final assignments

Other Research Experience

Department of Corrective Services   *Perth, WA*

RESEARCH ASSISTANT   *2014-16*

- Helped the Rehabilitation and Reintegration team assess the efficacy of prison programs
- Compiled Psychosocial Profiles and Risk Analyses (Static-99Rs)
- Consulted databases, read court documents, and created case files

Womens Health and Family Services   *Perth, WA*

DATA ANALYST   *2015*

- Assessed the efficacy of the "Buried in Treasures" program for treating Hoarding Disorder
- Created questionnaires and coding criteria, then performed statistical analyses

Thinkfield   *Leederville, WA*

MARKET RESEARCH INTERVIEWER AND HOSTESS   *2014 - 17*

- Collected information required to understand public views, guide business strategy, and/or secure project approvals
- Surveyed customers, businesses, and stakeholders
- Organised focus groups

Department of Psychology, University of Washington, Seattle   *Seattle, USA*

RESEARCH ASSISTANT   *2013 - 14*

- Examined how students' bicultural conflict induces distress and influences decision-making
- Programmed experiments, organised timeslots, and interviewed participants

Skills

Peer-Reviewing	Journal of Environmental Psychology (from 2019)
Programming	R, JavaScript, jsPsych, JAGS
Other Software	JASP, SPSS, Excel
Web Services	Amazon Mechanical Turk, Qualtrics, CATI
Languages	English, Cantonese Chinese, German

Volunteering and Outreach

North Sydney Girls' High School   *Crows Nest, NSW*

EXPERT VISITOR FOR AGENTS OF CHANGE PROJECTS   *2019*

- Year 10 students completed self-driven group projects on the topic of climate change solutions
- I spoke with students and gave feedback, particularly to groups working on solutions targeting the psychology behind behaviour change

Arludo   *Sydney, NSW*

GUEST SCIENTIST ON YOUTUBE LIVE SHOWS   *2019*

- Arludo develops engaging mobile games to teach students of all genders, ages, and socioeconomic backgrounds about science
- During a live stream to rural classrooms (e.g., youtube.com/watch?v=JGopOUZQSHU), I helped explain key psychological principles and answered student questions about myself to normalise science and scientists

Inner West Council   *Annandale, NSW*

PANEL MEMBER AT FOOTPRINTS ECOFESTIVAL   *2019*

- I was invited to this panel to discuss how to turn despair and inaction into climate change action and hope
- Panellists were Costa Georgiadis (Gardening Australia), Emma Bowen (Pocket City Farms), Tom Hume (Pingala)

UNSW Climate Change Network   *UNSW*

ORGANISING COMMITTEE MEMBER   *2018 - Present*

- The Network organises events, provides resources, and connects members of the university community who want to act urgently against climate change

UNSW School of Psychology   *UNSW*

HONOURS PEER MENTOR   *2019 - Present*

- Provide Honours students with information, advice, and a space to express concerns

Thoughtful Foods Co-Operative Ltd.   *Kensington, NSW*
Shop Shift Volunteer   *2019 - Present*
- Thoughtful Foods is a not-for-profit source of minimally-packaged and ethically-sourced food
- I work a weekly shift manning the till, restocking, and cleaning the store