

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

- "THE SOCIO-PSYCHOLOGICAL PREDICTORS OF AUSTRALIANS' WILLINGNESS TO MITIGATE CLIMATE CHANGE" 2020
 - **Talk**, Just Transitions Interdisciplinary Postgraduate Conference (Sydney, Australia)
- "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

DEVELOPMENTAL PSYCHOLOGY

- 2019: 72 students - Senior Tutor
- 2018: 43 students
- 2017: 37 students

PSYC1001 - Tutor

PSYCHOLOGY 1A

- 2019: 55 students

UNSW

2017 - Present

UNSW

2019

PSYC1024 - Casual Marker

CLINICAL PERSPECTIVES ON ANXIETY, MOOD AND STRESS

- Assessed students' final assignments

UNSW

2018

Other Research Experience

Department of Corrective Services

RESEARCH ASSISTANT

- 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

Perth, WA

2014-16

Womens Health and Family Services

DATA ANALYST

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

Perth, WA

2015

Thinkfield

MARKET RESEARCH INTERVIEWER AND HOSTESS

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

Leederville, WA

2014 - 17

Department of Psychology, University of Washington, Seattle

RESEARCH ASSISTANT

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

Seattle, USA

2013 - 14

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

EXPERT VISITOR FOR AGENTS OF CHANGE PROJECTS

- 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

Crows Nest, NSW

2019

Arludo

GUEST SCIENTIST ON YOUTUBE LIVE SHOWS

- 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

Sydney, NSW

2019

Inner West Council

PANEL MEMBER AT FOOTPRINTS EcoFESTIVAL

- 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)

Annandale, NSW

2019

UNSW Climate Change Network

ORGANISING COMMITTEE MEMBER

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

UNSW

2018 - Present

UNSW School of Psychology

HONOURS PEER MENTOR

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

UNSW

2019 - Present

Thoughtful Foods Co-Operative Ltd.

SHOP SHIFT VOLUNTEER

- 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

Kensington, NSW

2019 - Present