

# Y. ANDRE WANG

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## ACADEMIC APPOINTMENT

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2021–Present Assistant Professor  
University of Toronto, Department of Psychology

## EDUCATION

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2021 Ph.D. in Social Psychology (Minor in Quantitative Psychology)  
University of California, Davis  
Advisor: Alison Ledgerwood

2017 M.A. in Psychology  
University of California, Davis

2014 B.A. in Psychology, *Magna Cum Laude*  
Amherst College

## FELLOWSHIPS AND GRANTS

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2022–2024 *Insight Development Grant (PI), Social Sciences and Humanities Research Council (SSHRC)*  
*Understanding moral beliefs about empathy and their consequences*

2022 *Grant-in-Aid (PI), Society for the Improvement of Psychological Science (SIPS)*  
*Expanding access to tools and education for power analysis in structural equation modeling*

2022 *Diversity Travel Award, SIPS*

2021 *Community Catalyst Grant (Co-PI), Society for Personality and Social Psychology (SPSP)*  
*Here and Queer: SPSP Social for LGBTQ+ Students and Early Career Researchers*

2020 *Graduate Studies Student Travel Award, University of California, Davis (UC Davis)*

2020 *Psychology Department Supplemental Summer Fellowship, UC Davis*

2020 *repliCATS Assessment Grant, University of Melbourne*

2019–2020 *Provost's Dissertation Year Fellowship in the Arts, Humanities, and Social Sciences, UC Davis*

2018, 2020 *Psychology Department Dukes Travel Award, UC Davis*

2019 *Pre-SIPS Elicitation Workshop Travel Grant, University of Melbourne*

2019, 2017 *Psychology Department Professional Development Travel Fellowship, UC Davis*

2018 *Graduate Student Association Travel Award, UC Davis*

2018 *Student Travel Award, SIPS*

2017–2018 *Grant-in-Aid (Co-PI), Society for the Psychological Study of Social Issues (SPSSI)*  
*Protecting Diversity in the Face of White Nationalism: The Effect of Ally-Identity Symbols on Social Action*

- 2017 *Graduate Student Travel Award, SPSP*
- 2014–2017 *The Amherst Memorial Fellowship in Social Psychology, Amherst College*
- 2016 *Point Foundation Scholarships Semifinalist, Point Foundation*
- 2014–2015 *Provost's First Year Fellowship in the Arts, Humanities, and Social Sciences, UC Davis*
- 2014 *Psychology Department Travel Grant, Amherst College*
- 2013 *Gregory S. Call Student Research Grant, Amherst College*
- 2012 *Undergraduate Research Fellowship, Andrew W. Mellon Foundation (\$2,050 USD)*
- 2012 *Civic Engagement Scholarship for Internship with Transformative Public Service, Amherst College*

## HONORS AND AWARDS

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- 2018 *Best Student Presentation Runner-Up, Distances in Organizations Workshop*
- 2018 *Best Poster Award, SPSP Social Cognition Preconference*
- 2016 *Don Owings Memorial Award for Best Student Presentation Runner-Up, UC Davis*
- 2014 *Sigma Xi, Amherst College Chapter*
- 2012 *Raymond Keith Bryant Prize for Best Theater/Dance Performance of the Year, Amherst College*

## PUBLICATIONS

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- Wang, Y. A.**, Simpson, A. J., & Todd, A. R. (in press). Egocentric anchoring-and-adjustment underlies social inferences about known targets varying in similarity and familiarity. *Journal of Experimental Psychology: General*.
- Wang, Y. A.**,\* da Silva Frost, A.,\* Eastwick, P. W., & Ledgerwood, A. (in press). Summarized attribute preferences have unique antecedents and consequences. *Journal of Experimental Psychology: General*.  
\* Equal contribution to the paper
- Ledgerwood, A., da Silva Frost, A., Kadirvel, S., Maitner, A. T., **Wang, Y. A.**, & Maddox, K. B. (in press). Methods for advancing an open, replicable, and inclusive science of social cognition. Chapter to appear in K. Hugenberg, K. Johnson, & D. E. Carlston (Eds.), *The Oxford Handbook of Social Cognition*, 2<sup>nd</sup> Edition.
- Wang, Y. A.**, & Todd, A. R. (2021). Evaluations of empathizers depend on the target of empathy. *Journal of Personality and Social Psychology*, *121*, 1005–1028.
- Wang, Y. A.**, & Rhemtulla, M. (2021). Power analysis for parameter estimation in structural equation modeling: A discussion and tutorial. *Advances in Methods and Practices in Psychological Science*, *4*, 1–17.
- Wang, Y. A.**, & Eastwick, P. W. (2020). Solutions to the problems of incremental validity testing in relationship science. *Personal Relationships*, *27*, 156–175.
- Ledgerwood, A., & **Wang, Y. A.** (2018). Achieving local and global shared realities: Distance guides alignment to specific or general social influences. *Current Opinion in Psychology*, *23*, 62–65.

**Wang, Y. A.**, Sparks, J., Gonzales, J., Hess, Y. D., & Ledgerwood, A. (2017). Using independent covariates in experimental designs: Quantifying the trade-off between power boost and Type I error inflation. *Journal of Experimental Social Psychology*, 72, 118–124.

## MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

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Lohmann, A., Luijken, K., Alter, U., Claramunt Gonzalez, J., Clouth, F., Fossum, J. L., Heslen, L., Huizing, A., Ketelaar, J., Montoya, A. K., Nab, L., Nijman, R. C. C., Penning de Vries, B. B. L., Tibbe, T. D., **Wang, Y. A.**, & Groenwold, R. H. H. (invited revision under review). Replicability of simulation studies for the investigation of statistical methods: The RepliSims Project. *Advances in Methods and Practices in Psychological Science*.

Yang, X., Schulz, J., Schmidt, K., Kenny, A. R., Pfuhl, G., Gjoneska B., Dalgard, I., Exner, A., ..., **Wang, Y. A.**, ..., Psychological Science Accelerator Collaborators, Dunham, Y. (invited revision for Stage 1 registered report under review). Large-scale cross-societal examination of real- and minimal-group biases. *Nature Human Behavior*.

**Wang, Y. A.**, Liwag, M., Weltzien, K., Crowell, T., & Ledgerwood, A. (under review). Sticky frames and what's in a name: Frames stick to particular objects.

**Wang, Y. A.** (in prep). Power analysis for structural equation modeling: A guide for social–personality psychologists.

Onyeador, I. N., Lassetter, B., **Wang, Y. A.**, Todd, A. R., Shapiro, J. R., & Neel, R. (in prep). Bias intolerance: Predicting condemnation of apologetic perpetrators of prejudice.

## CONFERENCE PRESENTATIONS

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### *Oral Presentations*

**Wang, Y. A.** (2022, June). How to preregister a study that uses structural equation modeling for data analysis? Talk presented at the Society for the Improvement of Psychological Science Conference, Victoria, BC, Canada.

Adkins, M. C., Alter, U., Beribisky, N., Chalmers, R. P., & **Wang, Y. A.** (2021, June). *Understanding and incorporating data simulation into the research pipeline: A practical guide for the novice simulator*. Workshop presented at the Society for the Improvement of Psychological Science Conference.

**Wang, Y. A.**, Simpson, A. J., & Todd, A. R. (2021, February). *Egocentric anchoring-and-adjustment underlies social inferences about known targets*. Talk presented at the Judgment and Decision Making Preconference of the Society for Personality and Social Psychology.

**Wang, Y. A.**, da Silva Frost, A., Eastwick, P. W., & Ledgerwood, A. (2020, May). *Summarized attribute preferences have unique antecedents and consequences*. Talk presented at the Distance in Organizations Workshop.

- Wang, Y. A.,** da Silva Frost, A., Eastwick, P. W., & Ledgerwood, A. (2020, February). *Summarized attribute preferences have unique antecedents and consequences*. Talk presented at the Attitudes and Social Influence Preconference of the Society for Personality and Social Psychology, New Orleans, LA, United States.
- Wang, Y. A.,** & Rhemtulla, M. (2020, February). *Power analysis for parameter estimation in structural equation modeling: A discussion and tutorial*. Talk presented at the Society for the Improvement of Psychological Science (SIPS) Preconference of the Society for Personality and Social Psychology, New Orleans, LA, United States.
- Wang, Y. A.,** Eastwick, P. W., & Ledgerwood, A. (2019, May). *Ideas about liking predict situation selection at a distance*. Talk presented at the 2nd Uber Behavioral Science Symposium, San Francisco, CA, United States.
- Wang, Y. A.** (2018, August). *Moving beyond heuristic statistical thinking to improve replicability of research*. Talk presented at the annual convention of the American Psychological Association, San Francisco, CA, United States.
- Wang, Y. A.,** & Rhemtulla, M. (2018, May). *Connecting unreliable measurement to power: Current practices and recommendations*. Talk presented at the annual convention of the Association for Psychological Science, San Francisco, CA, United States.
- Wang, Y. A.,** & Ledgerwood, A. (2018, May). *Construal level switching: Costs and Consequences*. Talk presented at the Distance in Organizations Workshop, McGill University, Montreal, QC, Canada.
- Wang, Y. A.** (2017, March). *The cognitive cost of changing construal levels: Evidence from perceptual and conceptual tasks*. Talk presented at the Annual Berkeley-Stanford-Davis Psychology Conference, Berkeley, CA, United States.
- Ledgerwood, A., **Wang, Y. A.,** Sparks, J., Gonzales, J. E., J., & Hess, Y. D. (2016, September). *Modeling tradeoffs to identify optimal research strategies: The case of covariates*. Talk presented at the annual conference of the Society of Experimental Social Psychology, Santa Monica, CA, United States.
- Wang, Y. A.** (2016, June). *Using Open Science Framework (OSF) for reproducible research*. Talk presented at the Berkeley Initiative for Transparency in the Social Sciences (BITSS) Summer Institute, Berkeley, CA, United States.
- Mutchler, M. G., McDavitt, B., **Wang, Y. A.,** Paul, J., & Choi, K. (2013, August). *Sexual talk or social healing: Support from gay and non-gay friends*. Talk presented at the National Conference of the American Psychological Association, Honolulu, HI, United States.
- Mutchler, M. G., George, S., Phillips, R., McDavitt, B., & **Wang, Y. A.** (2012, July). *Texting in bed: Implications for sexual health promotion with Black and Latino YMSM*. Talk presented at the Meeting of Los Angeles County HIV Prevention Planning Committee, Los Angeles, CA, United States.

**Poster Presentations**

- Wang, Y. A.** (2023, February). Structural equation modeling in social–personality psychology: New recommendations for sample size planning. Poster to be presented at the annual meeting of the Society for Personality and Social Psychology.
- Wang, Y. A.,** Simpson, A. J., & Todd, A. R. (2022, February). Egocentric anchoring-and-adjustment underlies social inferences about known targets varying in similarity and familiarity. Poster presented at the annual meeting of the Society for Personality and Social Psychology.
- Wang, Y. A.,** & Todd, A. R. (2021, February). *Evaluations of empathizers depend on the target of empathy.* Poster presented at the annual meeting of the Society for Personality and Social Psychology.
- Wang, Y. A.,** Eastwick, P. W., & Ledgerwood, A. (2020, February). *Ideas about liking predict situation selection at a distance.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA, United States.
- Da Silva Frost, A., **Wang, Y. A.,** Eastwick, P. W., & Ledgerwood, A. (2020, February). *Likeability of faces affects abstract preferences for traits: Understanding the antecedents of partner preferences.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA, United States.
- Wang, Y. A.,** & Todd, A. R. (2019, February). *Judgments of perspective-takers depend on whose perspective is taken.* Poster presented at the Justice and Morality Preconference of the Society for Personality and Social Psychology, Portland, OR, United States.
- Wang, Y. A.,** & Todd, A. R. (2019, February). *Target valence moderates impressions of perspective-takers.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR, United States.
- Wang, Y. A.,** & Ledgerwood, A. (2018, March). *Construal level switching: Costs and Consequences.* Poster presented at the Social Cognition Preconference of the Society for Personality and Social Psychology, Atlanta, GA, United States.
- Wang, Y. A.,** & Ledgerwood, A. (2018, March). *Construal level switching: Costs and Consequences.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA, United States.
- Wang, Y. A.,** Sparks, J., Hess, Y. D., & Ledgerwood, A. (2017, January). *Using covariates to boost statistical power and preserve type I error rate in experimental designs: A Monte Carlo simulation study.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX, United States.
- Wang, Y. A.,** & Ledgerwood, A. (2017, January). *The cognitive cost of changing construal levels: Evidence from perceptual and conceptual tasks.* Poster presented at the Social Cognition Preconference of the Society for Personality and Social Psychology, San Antonio, TX, United States.

**Wang, Y. A., & Mendoza, S. A.** (2016, January). *Analytical versus intuitive thinking and racial bias in judgment of truthfulness*. Poster presented at the Social Psychology and Law Preconference of the Society for Personality and Social Psychology, San Diego, CA, United States.

**Wang, Y. A., & Ledgerwood, A.** (2016, January). *Exploring the effect of internal versus external characteristics on perceived distance from other people*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA, United States.

Mendoza, S. A., & **Wang, Y. A.** (2014, June). *Cognitive processing style affects racial bias in lie detection*. Poster presented at the Society for the Psychological Study of Social Issues Convention, Portland, OR, United States.

## INVITED TALKS

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2023, February	University of Waterloo, Social Psychology Area
2023, February	Toronto Metropolitan University, Department of Psychology
2022, November	Ohio State University, Quantitative Psychology Area
2022, November	University of California, Davis, Quantitative Psychology Area
2022, September	University of Canterbury, Department of Psychology
2022, April	Toronto Metropolitan University, Social Psychology Area
2022, March	Toronto Relationships Interest Group
2021, December	McGill University, Social & Personality Psychology Area
2021, September	Princeton University, Department of Psychology
2021, February	University of Toronto Scarborough, Department of Psychology
2021, February	McGill University, Flake Lab
2020, June	Society for the Improvement of Psychological Science
2020, March	University of California, San Diego, Rady School of Management
2018, February	University of California, Davis, UC Davis oSTEM
2017, November	University of California, Davis, Queer Student Union
2016, May	University of California, Davis, LGBTQIA Resource Center
2015, March	University of California, Davis, Principles of Community Week
2014, March	Amherst College, Amherst Explorations
2013, November	TEDxAmherstCollege

## MENTORSHIP

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### Graduate Student Award

Leif Anderson, Connaught International Scholarship (PhD 2022–2027)

### Masters and PhD Committees

Joe Hoang, PhD dissertation committee member (PhD 2024)

Kathleen Walsh, PhD dissertation defense committee member (PhD 2023)

Shernell Hines, PhD foundational research project committee member (2022–2023)

Zaiyuan Hu, PhD foundational research project committee member (2022–2023)

Leo Huang, Masters defense committee member (MA 2022)

#### Undergraduate Honors Students and Independent Projects

Isimeme Okonofua, Canada Summer Research Opportunities Program (2022)

Melisse Liwag, Independent Undergraduate Research Project (2018–2019)

Zenjief Del Castillo, Independent Undergraduate Research Project (2014–2015)

Mason Schmitt, Independent Undergraduate Research Project (2014–2015)

#### Mentorship Program

Francine Karmali, Baycrest/University of Toronto Postdoc Mentorship Program (2022)

## TEACHING

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#### Course Instructor, University of Toronto

2022, Fall *Statistics I* (course rating: 4.7/5; instructor rating: 4.9/5)

2022, Winter *Attitudes and How to Change Them* (course rating: 4.7/5; instructor rating: 4.9/5)

#### Teaching Assistant, University of California, Davis

2020, Summer *Personality Psychology*

2019, Spring *Psychology of the Self*

2019, Winter *Social and Personality Development*

2018, Fall *Relationship Science*

2018, Summer *Psychology of the Self*

2018, Spring *General Psychology*

2018, Winter *General Psychology*

2017, Fall *Research Methods in Psychology*

2017, Summer *Psychology of the Self*

2017, Spring *Social Psychology*

2017, Winter *Research Methods in Psychology*

2016, Fall *Developmental Psychology*

2016, Summer *Health Psychology*

2016, Spring *General Psychology*

2016, Winter *Cognitive Development*

2015, Fall *Social and Personality Development*

#### Workshop Instructor

2023 *General Introduction to Inferential Statistics*, Connaught PhDs for Public Impact Fellowship Program, University of Toronto

2023 *Conducting Power Analysis for Structural Equation Modeling*, York University

2022 *General Introduction to Inferential Statistics*, Peña Lab, Princeton University

2015–2021 *Introduction to R*, University of California, Davis

2016–2017 *Data Simulation and Visualization in R*, University of California, Davis

2017 *CV/Resume Preparation*, University of California, Davis

#### Guest Lecturer, University of California, Davis

2019, Fall      *Structural Equation Modeling*  
2018, Spring   *General Psychology*  
2018, Winter   *General Psychology*  
2016, Fall      *Developmental Psychology*

## PROFESSIONAL SERVICE

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### Editorial Board:

*Personality and Social Psychology Review* (2022–2023)

### Ad Hoc Reviewer for:

*Advances in Methods and Practices in Psychological Science, British Journal of Social Psychology, Cognition, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental Psychology: General, Journal of Experimental Social Psychology, Journal of Personality and Social Psychology, Journal of Social Psychology, Nature Communications, Personality and Social Psychology Bulletin, Psychological Methods, Social and Personality Psychology Compass*

Co-organizer, *Here and Queer: SPSP Social for LGBTQ+ Students and Early Career Researchers* (2021–2023)

Member, Society for Personality and Social Psychology Convention Twitter Team (2016–2020)

Co-organizer, Berkeley-Davis-Stanford Social-Personality Psychology Meeting (2018)

Student Reviewer, Society for Personality and Social Psychology Outstanding Research Award (2016)

## DEPARTMENTAL AND UNIVERSITY SERVICE

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### University of Toronto

Member, SSHRC Canada Graduate Scholarships – Master’s Awards Adjudication Committee (2022–2023)

Panelist, UTSC Psychology & Neuroscience Departmental Association Tuesday Talks Series (2023)

Member, UTSC Equity, Diversity, & Inclusion Steering Group (2021–2023)

Member, Ontario Graduate Scholarship Domestic Awards Adjudication Committee (2021–2022)

Panelist, Canada Summer Research Opportunities Program (2021)

### University of California, Davis

Panelist, Psi Chi International Honor Society (2020)

Graduate Student Coordinator, Social-Personality Area Brown Bag Series (2019–2020)

Graduate Student Coordinator, Diversity Tea for Prospective Graduate Students (2018–2020)

Member, Experimental Social Psychology Faculty Search Committee (2016)

Panelist, Diversity Pathway to Graduate School Series (2016)

Panelist, Queer Pathway to Graduate School Series (2015–2016)

Event Coordinator, Psychology Students Association (2015–2016)

Member, Chancellor’s Student Advisory Committee on Sexual Assault Prevention (2014–2015)

### Amherst College

Panelist, International Alumni Series (2022)



Member, Dean of Students' Task Force on Multicultural Resource Center (2013)

## **SELECTED MEDIA COVERAGE**

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"When Empathy Backfires" (2020, December). *Psychology Today*.

"New Research Shows Why Workplace Empathy Can Backfire" (2020, November). *Forbes*.

"The Empathy Paradox: Valuable yet not considered a 'universal good'" (2020, November). *The California Aggie*.

"Our Feelings Towards People Expressing Empathy Depend on Who They're Empathising With" (2020, November). *British Psychological Society Research Digest*.

"El límite de la empatía" (2020, October). *Psyciencia*.

"We talk about empathy, but do we value it?" (2020, October). *Cosmos Magazine*.

"UC Davis study explores empathy, finds it's not always seen as a virtue" (2020, October). *KCRA-TV*.

## **PROFESSIONAL AFFILIATIONS**

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Society for Personality and Social Psychology (SPSP)

Society for the Improvement of Psychological Science (SIPS)