

Xuechunzi Bai*

Curriculum Vitae September 2022

CONTACTS

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EDUCATION

Ph.D. Psychology and Social Policy, Princeton University 2023
Advisors: Susan T. Fiske, Thomas L. Griffiths
Certificate in Statistics and Machine Learning

M.A. Psychology, Princeton University 2020
Advisors: Susan T. Fiske, Alexander Todorov
Joint Degree in Social Policy

B.A. Social Sciences in Education, The University of Tokyo 2015
Advisors: Yuki Honda, Ryoko Tsuneyoshi

RESEARCH EXPERIENCE

Research Intern Summer 2022
Adobe Design 3D/AI and AI Ethics, Seattle

Research Assistant 2016 - 18
The Fiske Lab, Princeton University

Research Assistant 2015 - 16
Monteith Intergroup Relations and Inclusion Laboratory, Purdue University

PUBLICATIONS

† Equal contribution

Journal publications

Bai, X., Griffiths, T. L., Fiske, S. T. (under review). Explore-exploit tradeoffs generate cascading societal stereotypes.

McKee, K., **Bai, X.**, Fiske, S. T. (under review). Humans perceive warmth and competence in Artificial Intelligence.

Bai, X., Uddenberg, S., Labbree, P. B., Todorov, A. (under revision). Insta-learn: Face stereotypes emerge and persist through insufficient statistical learning.

*Feel free to call me by my last name, pronounce like *bye*, or you can try *shu-ya chun-zu*.

- Nicolas, G., **Bai, X.**, Fiske, S. T. (2022). A spontaneous stereotype content model: Taxonomy, properties, processes, and prediction. *Journal of Personality and Social Psychology*.
- Bai, X.**, Fiske, S. T., Griffiths, T. L. (2022). Globally inaccurate stereotypes can result from locally adaptive exploration. *Psychological Science*.
- McKee, K., **Bai, X.**, Fiske, S. T. (2022). Warmth and competence in human-agent cooperation. *21st International Conference on Autonomous Agents and Multiagent Systems*.
- Knipprath, K., Crul, M., Waldring, I., **Bai, X.** (2021). Urban space and social cognition: The effect of urban space on intergroup perceptions. *The Annals of the American Academy of Political and Social Science*, 697(1), 192-206.
- Bai, X.**, Gauri, V., Fiske, S. T. (2021). Cosmopolitan morality trades off ingroup for the world, separating benefits and protection. *Proceedings of the National Academy of Sciences*, 118(40).
- Bai, X.**†, Ramos, M. R.†, Fiske, S. T. (2020). As diversity increases, people paradoxically perceive social groups as more similar. *Proceedings of the National Academy of Sciences*, 117(23), 12741-12749.
- Nicolas, G., **Bai, X.**, Fiske, S. T. (2020). Comprehensive stereotype content dictionaries using a semi-automated method. *European Journal of Social Psychology*, 51(1), 178-196.
- Fiske, S. T., **Bai, X.** (2020). Vertical and horizontal inequality are status and power differences: Applications to stereotyping by competence and warmth. *Current Opinion in Psychology*, 33, 216-221.
- Grigoryan, L.†, **Bai, X.**†, Durante, F., Fiske, S. T., Fabrykant, M., Maloku, E., Verbilovich, V., Hakobjanyan, A., Kadirov, K., Mullabaeva, N., Makashyili, A., Morozova-Larina, O., Yahiaiev, I., Samekin, A., Berdyna, E. M. (2020). Stereotypes as historical accidents: Images of social class in post-communist versus capitalist societies. *Personality and Social Psychology Bulletin*, 46(6), 927-943.
- Nicolas, G., **Bai, X.**, Fiske, S. T. (2019). Exploring research methods blogs in psychology: Who posts what about whom, with what effect. *Perspectives on Psychological Science*, 14(4), 691-704.
- Wu, S. J., **Bai, X.**, Fiske, S. T. (2018). Admired rich or resented rich? How two cultures vary in envy. *Journal of Cross-Cultural Psychology*, 49(7), 1114-1143.

Book chapters

- Bai, X.**†, Nicolas, G.†, Fiske, S. T. (in press). Social stereotype: Content and process. In D. Carlston, K. Johnson, & K. Hugenberg (Eds.), *The Oxford Handbook of Social Cognition: 2nd Edition/Volume*.
- Fiske, S. T., Nicolas, G., **Bai, X.** (2020). Stereotype content model: How we make sense of individuals and groups. In P. A. M. Van Lange, E. T. Higgins, & A. W. Kruglanski (Eds.), *Social psychology handbook of basic principles (2nd ed)*. New York: Guilford.

Selected research in progress

- Bai, X.**, Griffiths, T. L. What is the psychological origin of a maladaptive social hierarchy?
- Bai, X.**, Sumers, T. R. How does communication transmit social stereotypes across generations?
- Wang, A., **Bai, X.**, Blodgett, S. L., Barocos, S. How to define harm in fairness in machine learning?

PRESENTATIONS

Chaired panels

- Computational social cognition: 2022
Social sense-making and formal modeling get acquainted.
Society of Personality and Social Psychology. San Francisco, US. *video*
- Toward the next generation of psychological science: 2022
Classic problems innovative solutions.
Young Chinese Association for Personality and Social Psychology (YCA-PSP). *flyer*
- Social biases in machine learning and in human nature: 2021
What social scientists and computer scientists can learn from each other.
DataX, Center for Statistics and Machine Learning, Princeton, US. *website*
- The diversity paradox: postponed 2020
Mechanisms underlying mixed effects of social diversity.
European Association of Social Psychology General Meeting, Krakow, Portland.

Invited talks

- Brown Bag Social Cognition Lab. The Ruhr University Bochum, Germany. 2022
- Summer Institute in Computational Social Science. Taiwan. 2022
- Emerging Scholar Series. New York University, US. 2022
- Six College Conference. Cornell University, US. 2022
- Overcoming Prejudice Against Immigrant Minorities. University of Pennsylvania, US. 2022
- Dimensions of the Social Mind Conference. Princeton University, US. 2022
- Becoming a Minority Conference. CUNY New York, US. 2022
- Bias in AI Reading Group. Princeton University, US. 2021
- Harvard WiP Trends in Psychology Summit Main Session. Harvard University, US. 2021
- Xin Qing Nian. School of Psychology and Cognitive Sciences, Peking University, China. 2021
- Social Cognition Talk Series. Southwest University, China. 2021
- Six College Conference. Columbia University, US. 2021
- Collaborative Research Center Hybrid Societies. Chemnitz University of Technology, Germany. 2021
- Society for Personality and Social Psychology Data Blitz. New Orleans, LA, US. 2020
- eMBeD Summer University Workshop. The World Bank Group, Washington DC, US. 2020
- TEDxUTokyo. Tokyo, Japan. 2015

AWARDS

Graduate Student Fellow in Cognitive Science, Princeton	2022
Dean's Fund for Scholarly Travel, Graduate School, Princeton	2022
The Prize Fellowship in the Social Sciences, Graduate School, Princeton	2021
Student Publication Prize Winner, Society for Personality and Social Psychology	2021
Cognitive Science Research Funding, Princeton	2020
Graduate Student Fellow in Cognitive Science, Princeton	2020
Graduate Travel Award Winner, Society for Personality and Social Psychology	2020
Social Policy Joint Degree Fellow, School of Public and International Affairs, Princeton	2019
Social Entrepreneurship Business Contest First Prize, The University of Tokyo	2014
Four-year Full Scholarship, Mabuchi International Scholarship Foundation	2010
One-year Scholarship, Monbukagakusho Honors Scholarship	2010
Valedictorian, Japan Foundation, Ministry of Foreign Affairs	2008

TEACHING

PSY254 Developmental Psychology (Instructor: Casey Lew-Williams)	Spring 2021
PSY101 Introduction to Psychology (Instructor: Joel Cooper)	Fall 2022
PSY252 Social Psychology (Instructor: Rebecca Carey)	Spring 2023
Department Statistics Tutor	2020 - 22

MENTORING

Undergraduate Thesis Students:

Ogechi Adele, Yolore Airewele, Obiageri Amaechi, Carmella Asparrin

Andrijana Bilbija, Jessica Brice, Dana Harris, Jean Luo, James Packman

SERVICE

Department Diversity Equity and Inclusion Committee	2021 - 23
International Journal Club with non-Native English Speakers	2021 - 23

REVIEWING

Frontiers in Psychology

Journal of Applied Social Psychology

Journal of Experimental Social Psychology

Journal of Migration and Ethnic Studies

Journal of Personality and Social Psychology

Proceedings of the National Academy of Sciences

REFERENCES

Dr. Susan T. Fiske

Eugene Higgins Professor

Departments of Psychology and School of Public and International Affairs, Princeton University

sfiske@princeton.edu

Dr. Thomas L. Griffiths

Henry R. Luce Professor of Information Technology, Consciousness and Culture

Departments of Psychology and Computer Science, Princeton University

tomg@princeton.edu

Dr. Alexander Todorov

Leon Carroll Marshall Professor of Behavioral Science

Booth School of Business, The University of Chicago

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