Lin Gan

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INTERESTS

Question: How do humans respond to changes as individuals and as a society?
Keywords: resilience, novelty, collaboration, prosocial behavior, norms, uncertainty, upheavals
Methods: text analysis, computational modeling, experiments

POSITIONS

2023-	WE-search Lab, **New York University**, Research Associate. PI: Ashwini Ashokkumar, PhD [website]
2020-2023	Laboratory on Social and Affective Neuroscience, **Georgetown University**, Research Assistant. PI: Abigail Marsh, PhD [website]
2022-2023	Logg Lab, **Georgetown University**, Research Assistant. PI: Jennifer Logg, PhD [website]

EDUCATION

2023	**Georgetown University**, *summa cum laude*, Phi Beta Kappa
	BSFS in International Political Economy, minors in Psychology and Mathematics
	Honors thesis: How does law shape public opinion? The case of female labor force participation in 31 countries

PUBLICATIONS

Rhoads, S. A., **Gan, L.**, Berluti, K., O'Connell, K., Cutler, J. Lockwood, P. L., & Marsh, A. A. (2023). Neurocomputational basis of learning when choices simultaneously affect both oneself and others. *PsyArXiv*. [preprint] [preregistration] [data + code]

Rhoads, S. A. & **Gan, L.** (2022). Computational models of human social behavior and neuroscience: An open educational course and Jupyter Book to advance computational training. *Journal of Open Source Education*. [article] [book]

PRESENTATIONS

Gan, L., Boyd, R., & Ashokkumar, A. (2024). People use more prosocial language after large-scale upheavals: Evidence from natural language. Poster presented at the *Society for Personality and Social Psychology* (SPSP) convention, San Diego, CA (February). [GitHub]

Gan, L., Boyd, R., & Ashokkumar, A. (2024). People use more prosocial language after large-scale upheavals: Evidence from natural language. Poster presented at the *Psychology of Media and Technology* preconference of the *Society for Personality and Social Psychology* (SPSP) convention, San Diego, CA (February).

Gan, L., Boyd, R., & Ashokkumar, A. (2024). People use more prosocial language after large-scale upheavals: Evidence from natural language. Poster presented at the *Self and Identity* preconference of the *Society for Personality and Social Psychology* (SPSP) convention, San Diego, CA (February).

Gan, L., Rhoads, S. A., & Marsh, A. A. (2023). Inequity aversion during economic decision making for friends versus strangers. Poster presented at the annual convention of the *Society for Personality and Social Psychology*, Atlanta, GA (February).

Gan, L., Amormino, P., & Marsh, A. A. (2022). Temporal dynamics of affect and behavior in online charitable giving. Talk presented at the annual *Science of Philanthropy Initiative* conference, Indianapolis, IN (September).

Rhoads, S. A., Berluti, K., O'Connell, K., **Gan, L.**, Cutler, J., Lockwood, P. L., & Marsh, A. A. (2022). Neurocomputational basis of multi-outcome reinforcement learning in self-benefitting and prosocial contexts. Abstract presented at the annual *Reinforcement Learning and Decision Making* meeting, Providence, RI (June).

Gan, L., Rhoads, S. A., & Marsh, A. A. (2022). Using intersubject correlation analysis to examine naturalistic compassion in real-world, extraordinary altruists and mediation trainees. Talk presented at the annual *Mid-Atlantic Undergraduate Social Research Conference* (April).

Work in progress

Gan, L., & Ashokkumar, A (In Preparation). Does uncertainty make people averse to novelty? A replication project.

Gan, L., Boyd, R., & Ashokkumar, A (In Preparation). How collective crises shape social connections: Analyzing natural language around N events.

Gan, L., & Ashokkumar, A (In Preparation). Forgetting inconsistent attitudes promotes identity formation.

Awards

2023	School of Foreign Service Dean's Fund	$1,000
2022	Provost's Distinguished Undergraduate Research Fellowship	$6,000
2022	Provost's Undergraduate Research Presentation Award	$500
2021	Summer Mentored Undergraduate Research Fellowship	$5,000

Teaching

2021-2022	**International Trade**, Georgetown University, Teaching Assistant. Undergraduate lecture with ~70 students.
2021	**Computational Models of Human Social Behavior and Neuroscience**, Georgetown University, Project Assistant. Undergraduate seminar.

Skills

Programming
Python (2020-); R (2020-); MATLAB (2020-); Stata (2020-)

Coursework
Psychology and Neuroscience: Political Psychology, Computational Models of Human Social Behavior and Neuroscience, Cognitive Neuroscience, Psychological Disorders, Tutorials on fMRI, MRI contrast, DTI, naturalistic stimuli.

Mathematics and Statistics: Linear Algebra, Multivariable Calculus, Economic Statistics, Abstract Algebra, Analysis, Complex Analysis, Real Analysis.

Economics: Econometrics, Intermediate Microeconomics, Game Theory, International Finance, International Trade, Political Economy of Development, Applied Econometrics for Development, Applied Policy Lab: Social Sustainability and Development.

Other: Neuromatch Academy Deep Learning Course (2021). Santa Fe Non-Linear Dynamics Course (2024).

Languages
Mandarin (fluent), French (proficient).

Other

China policy

2021-2022	**Asian Studies Program**, Undergraduate Scholar. Advisor: Evan S. Medeiros, PhD
2020	**Trivium China**, Research Intern.
2019-2020	**Center for Security and Emerging Technology**, Research Intern.

Community outreach

2022-2023	**Homelessness Outreach**, Volunteer. Drop-in center for people experiencing homelessness.
2019-2020	**Innovo Consulting**, Analyst. Pro bono consulting for local nonprofits.
2019-2020	**College Next Door**, Mentor. Post-secondary school success program for high school students.

References

Ashwini Ashokkumar, PhD
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Abigail Marsh, PhD
Georgetown University
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Jennifer Logg, PhD
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