

Siyang Ni

PhD Candidate, Department of Sociology and Criminology
1001 Oswald Tower, Pennsylvania State University, University Park, PA 16801
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Summary of Qualifications

- Experience in: Causal Inference, Time-Series Data, Structural Equation Model
- Proficient in: R, Python, SQL, Stata, Mplus, Latex, Linux
- **Graduate Instructor** on Intermediate Social Statistics
- Areas of Expertise: **Data Science, Life Course, Human Development**

Education

Ph.D., Criminology (In Progress) (Expected) 2027
Pennsylvania State University, State College, PA
Scholarship: Graduate Scholar Award (\$10,000); Startup Scholarship (\$2,500)

Ph.D., Social Data Analytics (Dual-Title, In Progress) (Expected) 2027
Pennsylvania State University, State College, PA

M.Phil., Sociology Nov 2021
The Chinese University of Hong Kong, Shatin, Hong Kong
Scholarship: Full funding from The HK Research Grant Council (\$27,740 annually)
Cumulative GPA: 3.71/4.00

B.A., Planning & Public Policy June 2016
Rutgers University, New Brunswick, NJ
Summa Cum Laude; SAS Dean's List for Three Semesters
Cumulative GPA: 3.86/4.00

Bachelor of Administration, Public Administration* June 2016
South China University of Technology, Guangzhou, Guangdong, China
Scholarship: University Scholarship & Merit Student
Cumulative GAP: 3.72/4.00

*Degree awarded through the joint bachelor's degree program between Rutgers University and SCUT

Conference

Society for Research on Adolescence 2024 Annual Conference 04/2024

“Revisiting Self-Control Theory: A Longitudinal Analysis Using the UK Millennium Cohort Study” **Poster Presentation**

The American Society of Criminology 2023 Annual Conference 11/2023

“Exploring the Gendered Association Between Social Strain, Strain-Induced Negative Emotions, and Delinquency among Left-Behind Children in Rural China: A Test of General Strain Theory” **Paper Submission**

Consortium on Substance Use and Addiction 2023 Annual Conference 04/2023

“Does Association with Friends Who Use Drugs Increases the Risk of Adolescent Drug Use: Testing Gendered Differentia Association Theory” **Theme Paper Submission**

The Academy of Criminal Justice Sciences (ACJS) Annual Meeting 03/2023

“Parental Migration and Left-Behind Children’s Delinquency: A Test of General Strain Theory in Rural China” **Paper Submission**

Hong Kong Sociological Association Annual Conference 12/2018

"Social Strain and Delinquency of Left-behind Youths in Rural China" **Paper Submission**

Grants and Awards

Research Enhancement Awards \$800 04/2024

Sole Author. “Revisiting Self-Control Theory: A Longitudinal Analysis Using the UK Millennium Cohort Study”

Research

Siyang Ni. 2024. “Revisiting Self-Control Theory: A Longitudinal Analysis Using the UK Millennium Cohort Study”.

Siyang Ni. 2023. “Exploring the Gendered Association Between Social Strain, Strain-Induced Negative Emotions, and Delinquency among Left-Behind Children in Rural China: A Test of General Strain Theory”.

Siyang Ni. 2023. "Does Association with Friends Who Use Drugs Increases the Risk of Adolescent Drug Use: Testing Gendered Differential Association Theory".

Siyang Ni. 2023. "Parental Migration and Left-Behind Children's Delinquency: A Test of General Strain Theory in Rural China".

Siyang Ni. 2016. "The Ecological Significance of Hispanic Immigrants and Crime Nexus in Urban Neighborhoods: A Mixed Method Case Study in New Brunswick". *Rutgers University School of Arts and Sciences Honors Thesis*.

Teaching

Graduate Class Teaching Assistant

PSU SOC575: Statistical Models for Nonexperimental Research Spring 2024

Undergraduate Class Teaching Assistant

PSU CRIM490: Crime Policy Fall 2023

Tutor & Teaching Assistant

CUHK SOCI3234: Policing and Society: Critical Debates and Practices Spring 2019

CUHK SOCI3204: Sociology of Crime and Deviance Fall 2018

CUHK SOCI2003: Social Research Methods Spring 2018

CUHK SOCI2203: Social Problems and Social Policy Fall 2017

Selected Doctoral Level Coursework

IST557: Data Mining Techniques and Applications

IST558: Advanced Data Mining Techniques

HDFS597: Data Mining for Human Development

EDPSY557: Hierarchical Linear Modeling in Educational Research

EDPSY558: Foundations and Applications of Structural Equation Modeling

SODA501: Big Social Data

SODA502: Social Data Analytics