Curriculum Vitae
Kateryna Kaplun

Rutgers University | School of Criminal Justice
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Education

2023	Rutgers University, Newark, School of Criminal Justice Ph.D. Criminal Justice
2018	Montclair State University, Department of Mathematical Sciences M.S. Statistics
2017	Montclair State University, (Magna Cum Laude) B.S. Mathematics w/ conc. Statistics B.A. Justice Studies w/ conc. Justice Systems

Research Appointments

2020	Initiative for Multidisciplinary Research Teams (IMRT) Award - Interdisciplinary Research Initiative on LGBTQ Inmates and Health. PI: Valerio Bacak
2020	Gun Violence Research Center, Research Assistant. PIs: Michael Ostermann and Bernadette C. Hohl
2019-2020	Rutgers School of Criminal Justice, Research Assistant. PI: Sarah Lageson
2019-2020	Rutgers School of Criminal Justice, Research Assistant. PI: Michael Sierra Arevalo

Applied Research

Statistical Configuration
2020	American Civil Liberties Union, Data Consultant

Research Experience

2018	Grant Project: A Linguistically-Informed Approach for Measuring and Circumventing Internet Censorship, Research Assistant. PIs: Christopher Leberknight and Anna Feldman
2017-2018	Masters Thesis: Classifying Controversiality in Article Data Advisor: Dr. Christopher Leberknight
2017	Mathematical Modeling of Likeliness of Customers' Buying
2016-2017	Randic Connectivity Indices for Decagonal Graphs

Teaching Experience

Rutgers University   Newark, NJ
> Instructor: White-Collar Crime
> Teaching Assistant: Police and Society, Introduction to Criminal Justice, Criminology

Montclair State University   Montclair, NJ
> Instructor: Statistics for Social Research
> Teaching Assistant: Statistical Methods for Research Workers (Graduate), Development of Mathematics, Statistics
> Tutor: Development of Mathematics, Statistics, Intermediate Algebra, Contemporary Mathematics, Precalculus, Calculus I, II, and III, Linear Algebra, and Fundamentals of Modern Statistics I and II

William Paterson University   Wayne, NJ
> Tutor: Algebra, Contemporary Mathematics, Precalculus, Calculus I, II, and III, Elementary Statistics, and Probability and Statistics

Previous Experience

Transition Professionals   Hackensack, NJ
Intern   2017

- Assisted clients who have been released from jail identify their skills, create resumes, and locate and apply for jobs
- Processed clients into database using intake, medical, and jail records
- Contacted potential donors to contribute money, clothing, or be contacts for jobs

Conference Proceedings

Leberknight, C., **Kaplun, K.,** and Feldman, A. (2018). "Controversy and Sentiment: An Exploratory Study." *Proceedings of the 10th Hellenic Conference on Artificial Intelligence,* Patras, Greece.

Kaplun, K., Leberknight, C. and Feldman, A. (2018). "A Comparison of Lexicons for Detecting Controversy." *Proceedings of Natural Language Processing meets Journalism, LREC Workshop,* Miyazaki, Japan.

Kaplun, K. (2018). "Classifying Controversiality in Article Data." (Master Thesis). Montclair, NJ. Advisor: Dr. Christopher Leberknight.

Kaplun, K. and Li, A. (2018). "Mathematical Modeling of Likeliness of Customers' Buying." (Abstract). *Proceedings of the 2018 Joint Mathematics Meetings*, San Diego, California.

Kaplun, K. and Li, A. (2017). "Randic Connectivity Indices for Decagonal Graphs." *Proceedings of the 2017 MAA Mathfest,* Chicago, Illinois.

Kaplun, K. and Li, A. (2017). "Randic Connectivity Indices for Decagonal Graphs." (Abstract). *Proceedings of the 2017 Joint Mathematics Meetings*, Atlanta, Georgia.

External Funding

2018	Rutgers SCJ Travel Grant. Funded: $500.
2018	A Linguistically-Informed Approach for Measuring and Circumventing Internet Censorship Travel Grant. Funded: $3,946.74.
2018	Montclair State University Department of Mathematical Sciences Travel Grant. Funded: $500.
2018	Joint Mathematics Meetings Student Travel Grant. Funded: $500.
2017	Louis Stokes Alliance for Minority Participation (LSAMP) Program Travel Grant. Funded: $500.
2017	Louis Stokes Alliance for Minority Participation (LSAMP) Program Research Grant. Funded: $1000.
2017	Montclair State University Department of Mathematical Sciences Travel Grant. Funded: $500.
2017	Joint Mathematics Meetings Student Travel Grant. Funded: $500.
2016	Louis Stokes Alliance for Minority Participation (LSAMP) Program Research Grant. Funded: $1000.

Conference Presentations

2018	Controversy and Sentiment: An Exploratory Study. SETN 10th Hellenic Conference on Artificial Intelligence, Patras, Greece.
2018	A Comparison of Lexicons for Detecting Controversy. Natural Language Processing meets Journalism LREC Workshop, Miyazaki, Japan.
2018	A Statistical Approach for Measuring Controversy in Online News. Montclair State University Research Symposium, Montclair, NJ.
2018	Mathematical Modeling of Likeliness of Customers' Buying. National JMM Conference, San Diego, CA.
2017	Mathematical Modeling of Likeliness of Customers' Buying. MAA Mathfest Conference, Chicago, IL.
2017	Mathematical Modeling of Likeliness of Customers' Buying. Montclair State University Research Symposium, Montclair, NJ.
2017	Randic Connectivity Indices for Decagonal Graphs. Garden State Undergraduate Mathematics Conference, The College of New Jersey, Ewing, NJ.
2017	Randic Connectivity Indices for Decagonal Graphs. National JMM Conference, Atlanta, GA.
2016	Randic Connectivity Indices for Decagonal Graphs. Garden State Louis Stokes Alliance for Minority Participation Conference, Rutgers University, New Brunswick, NJ.

Conference Participation

2020	When Seeing Isn't Believing: Deepfakes and the Law
2019	Catching the Cybercriminal: Reforming Global Law Enforcement
2018	American Society of Criminology, Atlanta Georgia

Awards and Honors

2020	Rutgers Newark LGBTQ+ Leadership Award
2017	Garden State Undergraduate Mathematics Conference Outstanding Presentation
2015-2017	Montclair State University Dean's List

Service

Criminal Justice Graduate Student Association – President, Rutgers University – Newark, NJ (2020-Present)

Research and Professional Development Committee – Student Representative, Rutgers University – Newark, NJ (2019-2020)

Criminal Justice Student Government Association - First Year Representative, Rutgers University – Newark, NJ (2018-2019)

Louis Stokes Alliance for Minority Participation (LSAMP) Research Program Funded Scholar (2016-2017)

Louis Stokes Alliance for Minority Participation (LSAMP) Research Program Affiliate (2015-2016)

Montclair State University Women's Club Basketball Team (2015)

Professional Memberships

Alpha Phi Sigma Criminal Justice Honor Society
Kappa Mu Epsilon National Mathematics Honor Society

Summary of Skills

Proficient in Microsoft Office Suite, R, Python, SAS, JMP Pro, LaTeX, and nVivo
Fluent in Russian