

JAMES LEINER

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EDUCATION

Carnegie Mellon University <i>Doctor of Philosophy in Statistics</i>	2021 - 2026 (expected) GPA: 4.0/4.0
The University of Chicago <i>Master of Science in Statistics</i> Thesis: Novel Data Splitting Techniques for Post-Selection Inference in Poisson Regression	2019 - 2021 GPA: 3.8/4.0
The University of Chicago <i>Bachelor of Arts in Mathematics and Economics</i> General Honors, Dean's List 2010-2013, National Merit Scholarship	2010 - 2013 GPA: 3.7/4.0

PUBLICATIONS AND PREPRINTS

James Leiner, Brian Manzo, Aaditya Ramdas, and Wesley Tansey. Scalable causal structure learning via amortized conditional independence testing. *4th Conference on Causal Learning and Reasoning (to appear)*, 2025.

James Leiner and Aaditya Ramdas. Graph fission and cross-validation, *27th International Conference on Artificial Intelligence and Statistics*, 2024.

James Leiner, Boyan Duan, Larry Wasserman, and Aaditya Ramdas. Data fission: splitting a single data point. *Journal of the American Statistical Association (discussion paper)*, 2023.

PROFESSIONAL EXPERIENCE

Novartis , Biostatistics Intern <i>East Hanover, NJ</i> <ul style="list-style-type: none">Developed methodology for statistical inference for data adaptively collected in clinical trial settings using techniques from causal inference and off-policy evaluation	Summer 2024
Memorial Sloan Kettering Cancer Center , Research Intern <i>New York, NY</i> <ul style="list-style-type: none">Developed methodology for causal discovery for large-scale multiple hypothesis testing on directed acyclic graphs, and applied the method to identify genetic biomarkers for future metastases in cancer patients	Summer 2022
Novantas (<i>financial services management consultancy</i>), Manager <i>Chicago, IL</i> <ul style="list-style-type: none">Led multiple 2-6 person engagements for retail and commercial banks across the asset size spectrum. Areas of focus included retail/commercial deposit pricing, Treasury Management fee pricing, regulatory stress testing, funds transfer pricing, asset/liability management, and credit risk managementCreated suite of tools in SAS and Python to automate the construction, review, and documentation of statistical models including: ARIMA, Cox proportional-hazards models, random forests, and GLMsDesigned early warning indicator system to detect mortgages most at risk of default and advised on strategies to minimize economic losses for delinquent mortgages at a big four Australian bankPromoted to Manager from Senior Associate (September 2017), to Senior Associate from Lead Associate (April 2016), to Lead Associate from Associate (April 2015). Took leave of absence from 2016-2017.	2014 - 2016, 2017-2019 <i>Chicago, IL</i>
Allstate Insurance Company , Actuarial Intern <i>Northbrook, IL</i> <ul style="list-style-type: none">Determined adequacy of current pricing using loss projection models and reported these findings to senior management	Summer 2013

COMPUTER SKILLS

Proficient	Python, R, SAS, SQL, \LaTeX
Intermediate	C/C++, Haskell