

Nicholas Aaron Syring

Contact Information

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Education

Ph.D. Statistics, University of Illinois at Chicago, Advisor: Dr. Ryan Martin, 12/2017 (anticipated)
M.S. Statistics, Northern Illinois University, 2013
B.S. Actuarial Science, Illinois State University, 2009

Employment

Allstate Insurance, *Data Scientist Intern*, Summer 2017
North Carolina State University, *Teaching Assistant*, 2016–2017
Google Summer of Code, Summer 2016
University of Illinois at Chicago, *Teaching Assistant*, 2013–2016
University of Illinois at Chicago, *Research Assistant*, 2015
NASA Langley Area Research Center, *Visiting Research Scientist*, Summer 2014
Capital One, *Statistician Intern*, Summer 2013
Northern Illinois University, *Teaching Assistant*, 2011–2013
State Farm Life Insurance Company, *Actuarial Analyst*, 2009–2011

Teaching

@ North Carolina State University

ST311: Introduction to Statistics, Instructor

ST371: Introduction to Probability and Distribution Theory, TA

@ University of Illinois at Chicago

STAT381: Applied Statistical Methods I, Instructor

MATH165: Business Calculus, TA

MATH121: Precalculus, TA (2 times)

MATH180: Calculus I, TA (2 times)

@ Northern Illinois University

STAT350: Introduction to Probability & Statistics, grader (4 times)

STAT382: Theory of Interest, Financial Derivatives, & Statistics, TA (2 times)

STAT481: Probabilistic Foundations in Actuarial Science, TA (2 times)

Journal Articles

Submitted

N. Syring and R. Martin. *Robust and Rate-Optimal Gibbs Posterior Inference on the Boundary of a Noisy Image*.

N. Syring and R. Martin. *Calibrating General Posterior Credible Regions*.

Published/Accepted

N. Syring and M. Li. *BayesBD: An R Package for Bayesian Inference on Image Boundaries*. R Journal. (2017+).

N. Syring and R. Martin. *Gibbs Posterior Inference on the Minimum Clinically Important Difference*. Journal of Statistical Planning and Inference. 187 (2017): 67-77. <http://dx.doi.org/10.1016/j.jspi.2017.03.001>.

C. Liu, R. Martin, and N. Syring. *Efficient Simulation from a Gamma Distribution with Small Shape Parameter*. Comput. Stat. December 2017. Volume 32. Issue 4. pp 1767-1775. <https://doi.org/10.1007/s00180-016-0692-0>.

Invited Seminar Talks

Joint Statistical Meetings Invited Poster Presentation
Inferential Models for Instrumental Variables
Baltimore-07/2017

Summer Research Conference
Image Boundary Detection via a Gibbs Model
IIT-05/2016

Undergraduate Mathematics Seminar
Misspecified Statistical Models: What happens when the model is wrong?
Wheaton College-11/2015

Statistics Seminar
Scaling the Gibbs posterior
University of Illinois at Chicago-09/2015

Statistics Seminar
On Bayesian inference without a model
University of Illinois at Chicago-11/2014

Professional Service

Committee Member, Statistics Graduate Student Leadership Committee, University of Illinois at Chicago, 2014-2016.

Organizer, Graduate Statistics Seminar, University of Illinois at Chicago, 2014-2016.

Ad-hoc reviewer of journal papers for: *Bulletin of the Iranian Mathematical Society*.