MATTHEW GALLOWAY

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Minneapolis, MN 55455
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I. RESEARCH INTERESTS

Statistical machine learning, kernel methods, covariance estimation, sufficient dimension reduction, envelope methods, computer vision, and Markov chain Monte Carlo methods.

II. EDUCATION

Ph.D. Student in Statistics 2015 - Present
School of Statistics
University of Minnesota, Minneapolis, MN

B.S. in Statistics, Actuarial Science, B.A. in Mathematics 2011 - 2015
Minor in Renaissance
University of St. Thomas, St. Paul, MN

III. WORK EXPERIENCE

Statistical Consultant 2017 - Present
Institute for Research on Statistics and its Applications (IRSA)
School of Statistics
University of Minnesota, Minneapolis, MN

Tutor 2017 - Present
University of Minnesota, Minneapolis, MN

Teaching Assistant 2015 - Present
School of Statistics
University of Minnesota, Minneapolis, MN

Research Assistant 2013 - 2015
University of St. Thomas, St. Paul, MN

Actuarial Intern Summer 2014
Thrivent Financial, Minneapolis, MN

IV. PUBLICATIONS

Galloway, M., Johnson, A., and Shemyakin, A. (2017). Time-to-Default Analysis of Mortgage Portfolios. *Model Assisted Statistics and Applications* 12.4 (2017): 359-367.

V. TEACHING EXPERIENCE

TEACHING ASSISTANT:

- STAT 8052: *Appled Statistical Methods II* Spring 2018
- STAT 4893W: *Consultation and Communication for Statisticians* Spring 2017

- STAT 3032: *Regression and Correlated Data* — Fall 2016
- STAT 3021: *Introduction to Probability and Statistics* — Spring 2016
- STAT 1001: *Introduction to the Idea of Statistics* — Fall 2015

TUTOR:
- MBA 6120: *Data Analysis and Statistics for Managers*
- STAT 3022: *Data Analysis*

VI. PRESENTATIONS

Indirect High-Dimensional Regression — December 2017
Advanced Topics in Statistics Captstone, (Minneapolis, MN)

Partial Least Squares Regression — November 2017
Literature Seminar, (Minneapolis, MN)

logitr - A Penalized Logistic Regression Package for R — May 2017
Advanced Statistical Computing Capstone, (Minneapolis, MN)

Introduction to Kernel Methods — February 2017
Literature Seminar, (Minneapolis, MN)

Reinforcement Learning — December 2016
Literature Seminar, (Minneapolis, MN)

fMRI Voxel Activity Prediction — December 2016
Advanced Regression and Multivariate Analysis Captstone, (Minneapolis, MN)

Time-to-Default Analysis of Mortgage Portfolios — November 2016
Literature Seminar, (Minneapolis, MN)

Graduate School Panel — May 2016
Twin Cities Chapter American Statistical Association (St. Paul, MN)

Poster. Time-to-Default Analysis of Mortgage Portfolios — January 2014
MCMSki Conference (Chamonix, France)

Poster. Time-to-Default Analysis of Mortgage Portfolios — September 2013
Inquiry at UST (St. Paul, MN)

Time-to-Default Analysis of Mortgage Portfolios — August 2013
CSUMS Research Seminar (St. Paul, MN)

V. AWARDS AND HONORS

Lynn Lin Fellowship — May 2017

Allianz Life Endowment Scholarship — April 2014

Young Investigator Travel Grant — January 2014

International Education Scholarship — January 2014

Minnesota Risk and Insurance Management Society (RIMS) Scholarship — April 2013