CONGRATS GRADS!

Mackenzie McCracken, Brittany Kowalewski, Matthew Tiger, Liang Dong, Matthew Damseaux and Yuhui Bao

Advisors: Y. Cui, G. Han, M. Voisel, M. Ji, T. Sorokina, M. Deng

The Department of Mathematics and Simons Foundation research prize was split between Liang Dong (advised by Dr. Ji and Dr. Sorokina) and Matthew Tiger (advised by Dr. Voisei).

SPRING 2019 COURSES

MATH 632 COMPUTATIONAL STOCHASTIC MODELING

Concentration: Applied Statistics/Mathematical Finance
Prerequisite: Probability

MATH 636 LINEAR AND NONLINEAR PROGRAMMING

Concentration: Differential Equations/Optimization
Prerequisite: Elementary Linear Algebra and Calculus III

MATH 687 SPECIAL TOPICS IN APPLIED STATISTICS OR MATHEMATICAL FINANCE

Concentration: Applied Statistics/Mathematical Finance
Prerequisite: will vary depending on topic selected

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Shashi Bhushan had been offered an intern position in Decision Science and Analytics team at PNC Financial Services, Vienna. His responsibilities included research on practical machine learning applications with banking data sets, focusing on improving model interpretability. Additionally, he supported statistical model development for the retail origination and model performance evaluations.

I had an exciting summer internship this year. Applying machine learning models over statistical models has furthered my knowledge in quantitative analytics.

Shashi Bhushan

Karel Marshall has successfully completed her summer internship with The Aerospace Corporation, headquartered in El Segundo.

I had the privilege of interning at The Aerospace Corporation. I was hired by the Program Office that works directly with the Space and Missiles System Center. My main task involved researching technologies related to future satellite systems, surveying various industry contractors, and updating a risk assessment tool to accurately analyze the new market data. Two summers ago, I worked with Aerospace through an REU as one of the initial implementors for a new mathematical framework. This summer provided me with invaluable industry experience as it taught me so much about space and I got to see exactly where my research is needed.

Karel Marshall