Spring Analytics Day at KSU

Friday, April 25, 2025 | 8:30 a.m.—12:30 p.m. | KSU Center

Congratulations to our Poster Winners!

Undergraduate Students

1st Place - Gale Wohlfarth - *"Are Magic Mushrooms the Magic to Healing?"*

2nd Place - Julyana Ayache - *"Beyond the Bars: Predicting Recidivism Using Employment and Risk Data"*

3rd Place - Minaahil Cheema - *"Baby Size Showdown: Effects of Gestational Age and Maternal Diabetes"*

Masters Students

1st Place - Ugochukwu Ukeje - "*Preventing Blindness In The US With AI Models: Early Eye Disease Detector*"

2nd Place - Brandi Jones - "*Stratifying Birthweight for Higher Resolution of Preterm Infant Mortality in U.S. NICUs*"

3rd Place - Adele Barski & Jayme Perry - "*Mail. Model. Money: Two-Stage Targeting in Credit Mail Campaigns*"

PhD Students

1st Place - Charles Fanning & Faruk Muritala - "*GAN Imputation of Time Series Data*"

<u>Agenda</u>
7:30-8:30am: Student Poster Competition Judging (sponsors only)

8:30-10:30am: Student Poster Presentations and Breakfast

10:45 - 10:50am: Welcome
Sherry Ni, Ph.D. Director, School of Data Science and Analytics and Professor of Data Science and Analytics, KSU

10:55 - 11:20am: Collaborating with AI: Integrating Intelligence into Data Science Workflows
Joseph White, Ph.D. Distinguished Data Scientist, Equifax Inc.

11:25 - 11:50am: Analytics and the Upside-Down Anatomy of Banking
David Arasmith, Ph.D. Head of Model Risk, SVP, Regions Bank

11:55am - 12:20pm: Q&A: Coming Back to the Nest: Reflections from a Double Owl
Speaker: James Eubanks Manager of Data Science and Engineering, WOW Internet
Host: Austin Brown, Ph.D. Director of the Masters of Data Science and Analytics Program and Assistant Professor of Statistics, KSU

12:25 - 12:30pm: Announcement of Undergraduate Poster Presentation Winners
Tim Jarrell, Vice President, Power Supply Rates & DER Strategy, Cobb EMC

12:30 - 12:35pm: Announcement of Graduate Poster Presentation Winners
Omar Kitosi, Manager, Data Analytics and Reporting, Southern Company

<u>Keynote Speakers</u>

David Arasmith

David joined Regions in July 2022 as Head of Model Risk, with oversight of model risk and validation for the bank-wide inventory of models – both vended and in-house developed.

Immediately prior to taking the role at Regions, he held a limited term assistant professorship in the School of Data Science and Analytics at Kennesaw State University, teaching Elementary Stats and Intro to Data Science during the spring semester of 2022.

From 2005 to 2021 David worked at SunTrust/Truist where he held various roles in Risk and Consumer Lending.

He joined the Risk Technology group in 2005 where he managed the implementation of the credit risk models for the Wholesale and Consumer segments, led the development of the counterparty credit risk management system (exposure and limit management)

for capital markets, and led the development of a consolidated Value-At-Risk system to support the daily management of trading market risk.

In 2011 he joined the Market Risk group, with a concentration on reconciling capital markets assets to the GL and preparing the team for compliance with the updated market risk rule, which took effect in January of 2013.

In May of 2014, he assumed responsibility for Wholesale Forecast and Transactional Modeling, including the CCAR loss forecasting models and guided the team through the CCAR 2015 stress tests.

In September of 2015 David assumed the responsibility as the Head of Model Risk Management for SunTrust, reporting to the CRO.Prior to his time at SunTrust/Truist he held software development roles at ING (now Voya) and New Energy Associates (now Siemens).

David holds a B.A. in Mathematics from Bethel University in St. Paul MN, as well as M.S. and Ph.D. degrees in Mathematics from Emory University in Atlanta.

Joseph White

Joseph is a Distinguished Data Scientist within the R&D team that is chartered to pioneer disruptive solutions utilizing machine learning and artificial intelligence. Joseph leads a team of data scientists developing solutions in the financial services across the entire lending cycle (lending decisions, portfolio/account management) and risk management. Together with KSU alumnus and Equifax colleague Jonathan Boardman, Joseph leads the AI Ethics Lab at KSU where Equifax sponsors two Ph.D. students in Responsible AI research.

Prior to joining Equifax in 2022, Joseph was an engagement and team lead for data science and analytics consulting and supporting Top 25 banks in stress testing, portfolio and risk management, and call centers. Joseph has experience working at both large regional banks and midsize commercial banks in risk, compliance, and finance. Joseph earned his bachelor's degrees in Math/Econ/French, a master's degree in Applied Mathematics from Clemson University, and a master's in Statistics and Ph.D. in Mathematics from the University of Tennessee.

James Eubanks

James is currently the manager of data science and engineering for WOW Internet. WOW works on real-time network analysis and optimization problems for over 500k customers, in addition to monitoring our internal core network devices. In the course of his work, James heavily utilizes Python, SQL, InfluxDB (timeseries database), and Grafana.

James is a double alumnus of KSU with a bachelor's in math (2014) and a master's from the College of Data Science and Analytics (2023). He has two wonderful kids aged 7 and 5, and loves spending time with them.

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