

Spring Analytics Day at KSU

Friday, April 19, 2024 | 8:30 a.m. - 12:30 p.m. | KSU Center



Poster Winners

Undergraduate Students

1st Place - Megan McCabe - Total Eclipse of the Heart: An Alternative Model for the Prediction of Atherosclerotic Cardiovascular Disease

2nd Place - Maddie Beasley - When? How? Why? How to Help: An Exploratory and Binary Logistic Regression Analysis on School Shootings in the United States

3rd Place - Megan Wilder - [Don't Stress Out! Student Stress and How Schools Can Help](#)

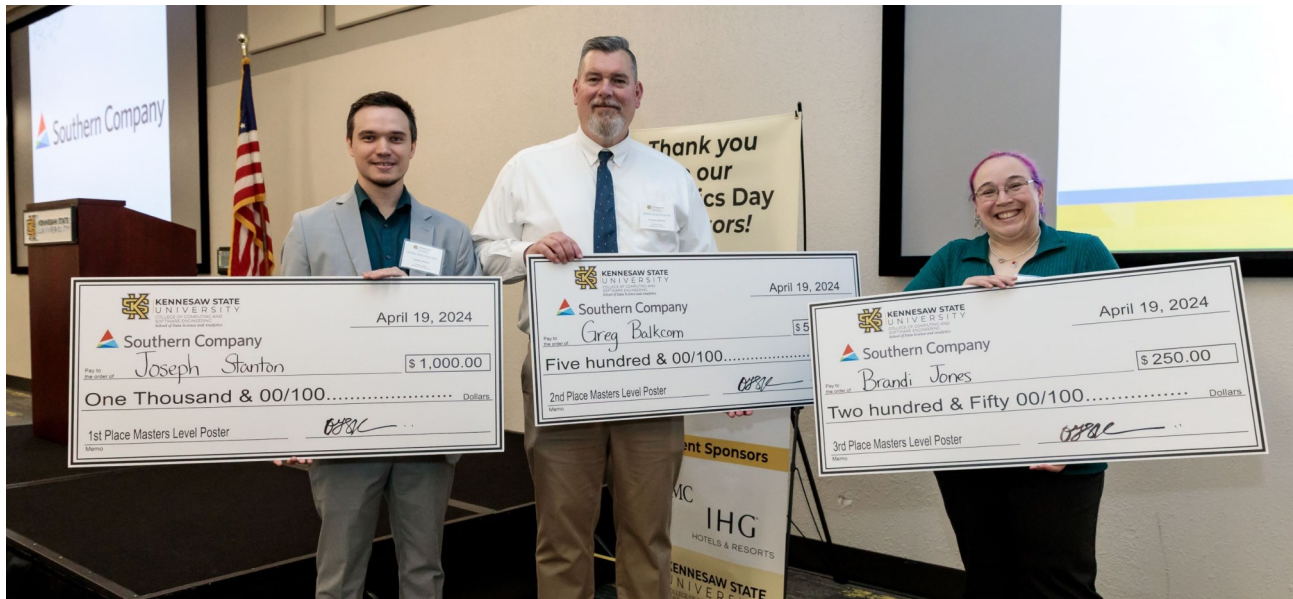


Masters Students

1st Place - Joseph Stanton - [Influence of Demographics in Modern Politics](#)

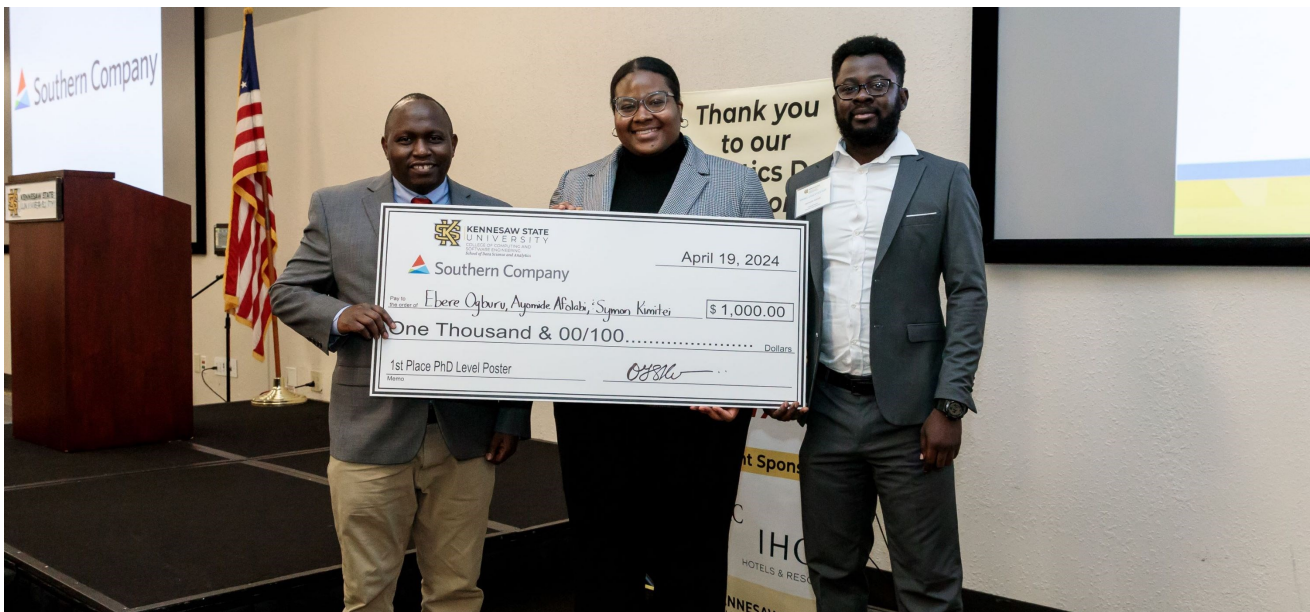
2nd Place - Gregory Balkcom - [Predicting the Probability of Heart Disease... A Comprehensive Guide to Model Building](#)

3rd Place - Brandi Jones - [Predictive Modeling for Low Birth Weight Classification](#)



Ph.D. Students

Top Ph.D Poster - Ayomide Afolabi, Symon Kimitei, and Ebere Ogburu - A Multilayered Approach to Classifying Customer Responsiveness and Credit Risk



Agenda

7:30-8:30am: Student Poster Competition Judging (sponsors only)

8:30-10:25am: Student Poster Presentations and Breakfast

10:30-10:40: Networking and Breakfast

10:45-10:50am: "Welcome", **Sherry Ni, Ph.D.**, Professor of Data Science and Analytics and Interim Director of the School of Data Science and Analytics, Kennesaw State University

10:55 - 11:20am: "Impact of Generative AI on Work and Required Skills", **Mike Stefanick**, Managing Director - Leader Risk AI & ML Platforms, EY

11:25 - 11:50am: "Getting Data Out of the Box - Driving a Data-Informed Culture", **Nick Whatley**, Director of Enterprise Data & Customer Analytics, Southern Company

11:55am - 12:20pm: "KSU's BS in Data Science and Analytics: Filling Student and Industry Needs" Panel Discussion featuring:

- **Divyes Patel**, Director - Research, Development and Innovation, BlueCross BlueShield of Tennessee
- **Michael Frankel**, Director, Bachelor of Science in Data Science and Analytics and Senior Lecturer of Statistics, Kennesaw State University
- **Amal Samih**, Data Science and Analytics Major, Kennesaw State University
- **Anaya Tention**, Data Science and Analytics Major, Kennesaw State University

12:25pm: "Announcement of Poster Presentation Winners", **Omar Kitosi**, Manager, Data Analytics and Reporting, Southern Company

Keynote Speakers



Mike Stefanick

Managing Director - Leader AI & ML Platforms - Generative AI Prototypes for Risk/Legal/Banking, EY

Mike Stefanick comes with over 25 years of expertise in the development and deployment of large-scale, global analytics, data platforms, and technology solutions. Throughout his career, Mike has not only led global analytics teams but has also been at the forefront of pioneering AI technology initiatives that have significantly transformed many fortune 500 clients across the globe. Mike was fortunate to work closely with Nobel Laureate Myron Scholes during his career on the intersection of Risk analytics and the advancement of AI technologies, to provide early industry leadership on how complex Risk management problem can be solved with emerging technologies.

Mike's leadership was instrumental in the development and delivery of EY's Assurance Compliance Global Analytics and Data platform, a global AI platform deployed across over 36 countries. This platform stands as a cornerstone for continuous monitoring of

various critical areas including Risk, Insider Threat, Cybersecurity, Sales Compliance, KYC, and other Fraud/Compliance use cases, seamlessly integrated with multiple cloud environments.

Additionally, Mike has spearheaded the EY's Nexus Risk technology platform, an innovative solution that accelerates Generative AI applications with advanced risk technology. The Nexus platform, representing a substantial \$50M investment over three years, encompasses defined AI microservices dedicated to Risk assessment, compliance, Fraud detection, Cyber testing and Risk data aggregation, highlighting Mike's commitment to advancing risk management technologies.

Prior to his current achievements, Mike has held several leadership positions including GVP of Risk and Transformation at SunTrust Bank, SVP of Commercial Analytics at Equifax, Chief Architect and Technology Officer at 5/3 Bank, IBM Partner for Cognitive Analytics, Global Head of SAS Risk Analytics, and head of Digital Technology Transformation at Digitas. Mike was also a founding board member of the KSU PhD in Decision Science program.



Nick Whatley

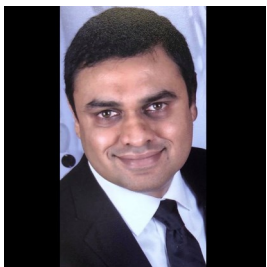
Director of Enterprise Data & Customer Analytics, Southern Company

Nick Whatley serves as the director of enterprise data and customer analytics at Southern Company Services.

He joined Southern Company in 2011 and has held various roles of increasing responsibility in energy and revenue forecasting, pricing design, marketing analytics, and customer insights across Alabama Power, Georgia Power, and Southern Company Services.

Nick holds a Bachelor of Science in Chemical Engineering and a Master of Business Administration, Business Analytics Concentration, from the University of Alabama. In his spare time, he enjoys volunteering as a youth basketball coach, golfing, and trying to keep up with his two young children.

Panel Speakers



Divyes Patel

Director - Research, Development and Innovation, BlueCross BlueShield of Tennessee

Divyes serves as the director of research, development and innovation for the information delivery division at BlueCross BlueShield of Tennessee. In this role, he is responsible for leading new innovation, technology and development strategies for the enterprise data and analytic platform.

He has more than 20 years of experience in reporting, analytics, and informatics development. Prior to joining BCBST in 2011, Divyes worked for Ingenix Consulting. During that time, he led a development team in building a clinical value measurement infrastructure using SAS to automate clinical ROI savings calculations for OptumHealth clinical programs. He was also instrumental in building an industry-leading clinical reporting

package that tracked clinical activity to the financial outcomes of OptumHealth. He also led the building of a clinical reporting data mart for reporting and ad hoc uses. While at Cigna, Divyes was a Health data consultant working with matrix partners to provide comprehensive consultative services including report design, high quality analysis, analytical studies and plan design recommendations spanning all of their products and services.



Michael Frankel

Director, Bachelor of Science in Data Science and Analytics and Senior Lecturer of Statistics, **Kennesaw State University**

Michael Frankel is a Senior Lecturer in the School of Data Science and Analytics where he is the Undergraduate Programs Coordinator. He has taught a variety of undergraduate courses including Computer Applications of Statistics, Statistical Methods, and Binary Classification, and has mentored numerous student poster presentations and honors projects in various topics such as Sports Analytics and Credit Scoring since joining the faculty in 2006. He has served as the coordinator for the minor program since 2014 and the new Bachelor's of Science in Data Science and Analytics since its creation in 2023.



Amal Samih

Data Science and Analytics Major, **Kennesaw State University**

Amal is a junior majoring in Data Science and Analytics, driven by a passion for bridging biology and statistical analysis techniques in bioinformatics. She plans to pursue higher education to acquire a useful skill set that will aid her in achieving her goals in this interdisciplinary field. In her free time, Amal finds joy in playing soccer, exploring new destinations through travel, and indulging in the art of baking.



Anaya Tension

Data Science and Analytics Major, **Kennesaw State University**

Anaya Tension is a sophomore pursuing a degree in Data Science and Analytics, with aspirations to delve into the world of data science. Even at the early stage of her academic journey, Anaya is intrigued by the intricate puzzle of statistical analysis—each project that she has encountered in her coursework thus far presented a unique 'treasure hunt' to uncover the 'why' behind the data. As Anaya learns more about data science and the wide range of applications, she is eager to explore different industries and real-world applications of data science.

Prize Sponsor



Poster Printing Sponsor



Refreshment Sponsors

