



**Analytics Showcase Program
November 5th, 2021, 8:00 AM – 5:00 PM**

8:00 - 10:00 AM | Plenary Sessions

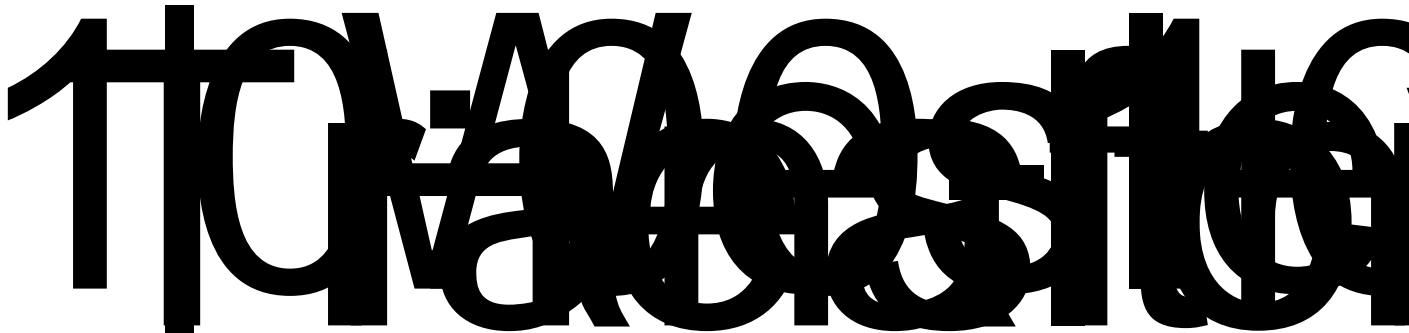
8:00 - 8:15 AM | Opening Remarks

Dr. Rick Muma, President, Wichita State University

Dr. Sue Abdinnour, Omer Distinguished Professor in Business, Business School

8:15 - 9:00 | Keynote Speaker The Journey to Becoming a Data Scientist: Valuing Different Perspectives. Rosemary Radich, Principal Data Scientist at American Veterinary Medical Association

9:00 - 9:50 | Deans' Panel: Data Analytics at WSU: Current State and Vision for the Collaborative Future. Dr. Larisa Genin, Dean, Business; Dr. Andrew Hippisley, Dean, Liberal Arts & Sciences



Lowell Ebersole, Chief Medical Officer at Wesley Healthcare

10:30-10:55 | Deloitte: Data Analytics in a Smart Factory
Chris Noyes, Senior Manager, Deloitte Consulting

11:00-11:25 | Koch: Business Analytics in Action
Travis Scheopner, Data and Analytics Talent Development Program Manager, Koch

11:30-11:55 | Airbus: Visual Management and Data Analytics in an Engineering Services Environment
Chad M. Gericke, Head of Wichita Operations, Airbus

NOON – 12:30 PM | LUNCH BREAK

12:30-2:55 PM | WSU Faculty Research Presentations

Room 1 | Parallel Research Presentations I

12:30 - 12:50 | David Wright, & KLHIWD 2IILFHU : 68

12:55 - 1:15 | Genomics Research and Teaching Using the K-State BeoCat Cluster

James Beck, *Assistant Professor, Department of Biological Sciences*

1:20 – 1:40 | Here, there, and everywhere - How to use data to make better business decisions? Siyu Wang, *Assistant Professor, Department of Economics*

1:45 - 2:05 | The Influence of Open Source Infrastructure in Data Sciences

M. Jason Vandecreek, *Special Projects Associate, Community Engagement Institute*

2:10 - 2:30 | Regional Convergence

William Miles, *H. Russell Bomhoff Professor of Economics, Department of Economics*

2:35 - 2:55 | Big Data in Gerrymandering

Brian Amos, *Professor, Department of Political Science*

Room 2 | Parallel Research Presentations II

12:30 - 12:50 | Learning Analytics; Where are We Now and Where are We Going?

JaeHwan Byun, *Assistant Professor, School of Education*

12:55 - 1:15 | A Cloud-based Monte Carlo Event Generator

Terrance Figy, *Assistant Professor, Department of Mathematics, Statistics and Physics*

1:20 – 1:40 | Observing the subatomic building blocks of the universe with computer vision

Mathew Muether, *Associate Professor, Department of Mathematics, Statistics, and Physics*

1:45 – 2:05 | Collect, Input, Report, Repeat...How to Use Data to Impact Patient Care

Linda Moody, *Assistant Teaching Professor, School of Nursing*

2:10 - 2:30 | A Real-Time Imaging System to Assist Surgical Procedures

Abu Asaduzzaman, *Associate Professor, Electrical Engineering and Computer Science*

2:35 - 2:55 | The Power of Deep Learning

Richard Ross Gruetzemacher, *Assistant Professor, Business Analytics*

2:55– 3:05 PM | BREAK

3:05-4:55 | Tutorials

Room 1: Parallel Session I

3:05-3:55 | Introduction to BeoShock

Daniel Andresen, *Professor, Kansas State University, Dy. aPedadCID 0, Nav0j100 0 5 - 4 ()*