

# SOUTHEAST DECISION SCIENCES INSTITUTE

ANNUAL MEETING February 17-19, 2016

**PROGRAM** 

# Welcome to the Southeast Decision Sciences Institute Conference

On behalf of the council, officers, and 2016 program committee, I would like to welcome you to the 46th Annual Meeting of the Southeast Decision Sciences Institute (SEDSI) in Colonial Williamsburg, VA. The program committee has put together an excellent conference with almost 100 papers, panels and workshops that I think you will find to be enlightening and enjoyable. In addition to participating in some great sessions, I hope that this meeting will also provide you an opportunity to renew old friendships and to meet new colleagues from universities, businesses, and other organizations throughout the southeast and beyond. We are very fortunate this year to have one of the nation's leading case publishers and statistics software vendors participating in the sessions and exhibiting their products in the exhibition area. Please stop by to thank them for their support of our meeting and to see what they have to offer.

I would like to express my sincere gratitude to all of those who helped make this conference possible. It was truly a team effort. Many key individuals worked hard to help develop this conference and program for all of us to enjoy. They include a wonderful team of track chairs, reviewers, session chairs, special session developers, and graduate and undergraduate student paper judges. Also included are the officers and council members, both current and past, who were there to offer friendly advice, encouragement, and support throughout the process. I am very grateful to them for offering to share their knowledge and support.

This year we contracted with a new conference management system, Ex Ordo, and I appreciate their good customer support team for answering my dozens of questions as we explored how to navigate the system and put the program together.

I would also like to thank all of those at Presbyterian College for their encouragement over PC's role in conference over the past year. A special thank you goes to several individuals starting with Don Raber, Provost at Presbyterian College, who supported this endeavor. My Business Administration colleague Tobin Turner took the lead in reviewing papers for awards and stepped in to fill in quite a number of gaps. PC student intern Lauren Mahon brought her computer expertise, patience, and organizational skills to help complete registration. Lastly, my family has graciously tolerated my late evenings and Saturdays at the office, my messy piles at home, and weeks of take-out food. I am grateful for you all.

My final expression of gratitude goes to you, the participants and members of SEDSI. The purpose of this conference is to serve you, and it is because of you that this conference continues to be a success and continues to grow. I hope that you enjoy your time in Colonial Williamsburg and have a great conference.

Suzanne J. Smith, PhD 2016 SE DSI Program Chair

#### **Decision Sciences Institute**

The Decision Sciences Institute is a professional society dedicated to the development and application of quantitative and behavioral methods to administrative problems. Membership includes representatives from most of the functional areas of business. Through its journals, *Decision Sciences* and the *Decision Sciences Journal of Innovative Education*, along with national, international, and regional meetings, and other activities, the Decision Sciences Institute serves as a vehicle to advance and disseminate the theory, application, pedagogy, and curriculum development of the decision sciences.

#### Colonial Williamsburg, Virginia

Experience life in revolutionary times through the historical setting, tours, shops, taverns, and reenactments. Learn of the hopes, struggles, and fears of the ordinary people in these uncertain times. As you explore the challenges of daily life set against the backdrop of revolution, get caught up in the historic moments taking place around you. Golf, spa packages, shopping, and fine dining await you in this one-of-a-kind historical setting. We hope you enjoy experiencing a taste of the past through present day eyes in Colonial Williamsburg.

# Special thanks to our Exhibitors and Sponsors

The Case Centre

JMP-SAS

Clayton State University

East Carolina University

Georgia Southern University

James Madison University

Lander University

Presbyterian College

Randolph-Macon College

Roanoke College

Virginia Commonwealth University

Virginia Tech







# The case method resource for business education

# World's largest collection

Explore the world's largest and most diverse international collection of management cases, articles, book chapters and teaching materials – most available for instant purchase and download. www.thecasecentre.org/collection

# **One-stop study solutions**

Discover CoursePack Creator – the fast and easy way to create on-line collections of course-specific learning materials. Select from our materials, add your own, and get copyright clearance for materials outside our collection.

www. the case centre. or g/Course Packs

The Case Centre advances the case method worldwide to inspire and transform business education across the globe. We are a non-profit organization and registered charity.

#### Officers

President

Shanan Gibson

East Carolina University

**President Elect** 

Jason K. Deane

Virginia Tech

**Past President** 

Kellie B. Keeling

University of Denver

**Secretary** 

Sara Bliss Kiser

Alabama State University

**Program Chair** 

Suzie Smith

Presbyterian College

**Program Chair Elect** 

Reza Kheirandish

**Clayton State University** 

**Vice President - Finance** 

Lara Khansa

Virginia Tech

**Vice President - Meetings** 

L. Drew Rosen

University of North Carolina -

Wilmington

**Vice President - Member Services** 

Susan R. Williams

Georgia Southern University

Vice President - Planning &

**Development** 

Ali A. Nazemi

Roanoke College

**Vice President - Publications** 

Shona Morgan

North Carolina A&T University

**Vice President - Student Services** 

Ioan M. Donohue

University of South Carolina

**Vice President - Web Services** 

John R. O'Malley, Jr.

Georgia Southern University

**Archivist** 

George Lowry

Randolph-Macon

# **Advisory Council**

Hope M. Baker

Kennesaw State University

Robert Barrett

Lander University

William B. Carper

University of West Florida

Kellie Keeling

University of Denver

**Quinton Nottingham** 

Virginia Tech

Chris Zobel

Virginia Tech

George S. Lowry

Randolph-Macon College

Ina S. Markham

James Madison University

Terry R. Rakes

Virginia Tech

Amit Shah

Frostburg State University

A. James Wynne

Virginia Commonwealth University

# **Past Presidents**

1971-1972	Sang Lee	1994-1995	Kathy Fitzpatrick
1972-1973	Merwyn Elliott	1995-1996	A. James Wynne
1973-1974	Thad B. Green	1996-1997	Stephanie S. Robbins
1974-1975	Laurence J. Moore	1997-1998	Edward R. Clayton
1975-1976	Joseph F. Hair Jr.	1998-1999	O. Maxie Burns
1976-1977	Ted F. Anthony	1999-2000	Hope M. Baker
1977-1978	Rolph E. Anderson	2000-2001	Lance Matheson
1978-1979	Arthur G. Bedeian	2001-2002	Drew Rosen
1979-1980	James M. Clapper	2002-2003	Ina Markham
1980-1981	Joseph G. Van Matre	2003-2004	Kirk Karwan
1981-1982	Mary Sue Younger	2004-2005	Chandrashekar Challa
1982-1983	Bernard W. Taylor III	2005-2006	William B. Carper
1983-1984	K. Roscoe Davis	2006-2007	William B. Carper
1984-1985	Ronald Zigli	2007-2008	Robert T. Barrett
1985-1986	Donald J. Messmer	2008-2009	Amit J. Shah
1986-1987	Carl Gooding	2009-2010	Barry A. Wray
1987-1988	Terry Rakes	2010-2011	Wesley M. Jones, Jr.
1988-1989	Betty Whitten	2011-2012	Quinton J. Nottingham
1989-1990	James A. Pope	2012-2013	George Lowry
1990-1991	William Hardy	2013-2014	Christopher Zobel
1991-1992	Robert L. Andrews	2014-2015	Kellie Keeling
1992-1993	Brooke Saladin		
1993-1994	Joanna R. Baker		

# **Distinguished Service Award Recipients**

Robert L. Andrews

Virginia Commonwealth University

Hope M. Baker

Kennesaw State University

Joanna R. Baker

University of North Carolina -

Charlotte

Arthur G. Bedeian

Louisiana State University

William B. Carper

University of West Florida

James M. Clapper

**Belmont University** 

**Edward Clayton** 

Virginia Tech

Roscoe Davis

University of Georgia

Carl W. Gooding

**Jacksonville State University** 

Sang M. Lee

University of Nebraska - Lincoln

George Lowry

Randolph Macon College

Laurence J. Moore

Virginia Tech

James A. Pope

University of Toledo

Terry R. Rakes

Virginia Tech

Stephanie S. Robbins

University of North Carolina -

Charlotte

L. Drew Rosen

University of North Carolina -

Wilmington

Brooke A. Saladin

Wake Forest University

Bernard W. Taylor III

Virginia Tech

Joseph G. Van Matre

University of Alabama - Birmingham

**Betty Whitten** 

University of Georgia

A. James Wynne

Virginia Commonwealth University

Mary Sue Younger

University of Tennessee

Ronald Zigli

The Citadel



# **Program Committee**

Program Chair Suzanne J. Smith	Presbyterian Coll					
Associate Program Chair						
Tobin Turner	Presbyterian Coll					
Local Arrangements Coordinator						
L. Drew Rosen	University of North Carolina - Wilming					
Placement/Technology Coordinator						
Reza Kheirandish	Clayton State Univer					
Track Chairs						
Accting, Bus Ethics & Law, Info Privacy & Security						
Catherine Staples	Randolph-Macon Coll					
Agricultural & Environ Econ, Economics & Finance						
Forrest Stegelin	University of Geoi					
Analytics, BI, Data Mining & Statistics	Claster State Hairman					
Carin Lightner-Laws	Clayton State Univer					
Hospitality, Recreation & Sports  Mauro Falasca	Fact Carolina Univer					
Innovative Education, Teaching & Pedagogy	East Gai Oillia Oilivei					
Ajay K. Aggarwal	Henderson State Univer					
IS, IT, e-Business and Social Media						
Chris McCart	Roanoke Coll					
Data, Analytics, & Statistics Instruction						
Robert L. Andrews	Virginia Commonwealth Univer					
Management, Org Behavior, Org Theory and HRM						
Sara Kiser	Alabama State Univer					
Marketing and International Business	0 1 0 W.					
Suman Niranjan						
Public Sector, Not for Profit & Healthcare Mgmt						
Wilma M. AndrewsStudent Papers: Masters	virginia commonweatti Univer					
Joan M. Donohue	University of South Caro					
Student Papers: Ph.D.	directions of south dates					
Joan M. Donohue	University of South Caro					
Student Papers: Undergraduate						
Joan M. Donohue	University of South Caro					
Supply Chain Management and Logistics, POM and TQM						
Ben Skipper and Christopher Boone	Georgia Southern Univer					

# **Reviewers**

Cheryl Aasheim	Georgia Southern Univer
Burcu Adivar	Fayetteville State Univer
Ajay K. Aggarwal	Henderson State Univer
Robert L. Andrews	Virginia Commonwealth Univer
Wilma. Andrews	Virginia Commonwealth Univer
Lari Arjomand	Clayton State Univer
Christopher A. Boone	Georgia Southern Univer
Duncan Chembezi	
Christie Hui-chuan Chen	University of Tennessee-Ma
Cody Chullen	East Carolina Univer
Joan M. Donohue	University of South Caro
Mauro Falasca	
Nikki Finlay	Clayton State Univer
Michelle B. Hagadorn	
Rhonda Hensley	
Robert Herring	
Michael Hutkin	Roanoke Coll
Christopher M. Keller	
Reza Kheirandish	Clayton State Univer
Cynthia Knott	5
Matthew Lanham	
James P. Lawler	Pace Univer
Carin Lightner-Laws	Clayton State Univer
Cynthia Lucking	Presbyterian Coll
Christina D. McCart	
Leanne McGrath	University of South Carolina-Ai
William Miller	
Suman Niranjan	Savannah State Univer
Donna M. Schaeffer	Marymount Univer
Marc Scott	<u>e</u>
Suzanne J. Smith	Presbyterian Coll
Gay Solomon	Clayton State Univer
Catherine L. Staples	
Tobin Turner	-
Joseph G. Van Matre	· · · · · · · · · · · · · · · · · · ·
Elisabeth G. Velazquez	
Julie Ann Stuart Williams	University of West Flor

# Wednesday, February 17 11:00AM

Registration 11:00AM – 5:00PM Tidewater Exhibition 11:00AM – 5:00PM Tidewater

1:30 PM

**EC1: Applications in Economics** 1:30PM – 2:45PM Tidewater D

**Session Chair** 

Reza Kheirandish, Clayton State University

Value-Added Pricing of Malted Grains for Craft Beer

Forrest Stegelin, University of Georgia

State Exchanges under the Affordable Care Act: Political or Economic Determinants?

Barry Pfitzner, Randolph-Macon College

Heuristics in Business and Economics: A Survey

Reza Kheirandish, Clayton State University Shabnam Mousavi, Johns Hopkins University

**ED1: New Approaches for OB & OM Classes** 

1:30PM - 2:45PM Liberty Room

**Session Chair** 

Cynthia Knott, Marymount University

Scenario Based Testing in an Undergraduate Organizational Behavior Class

Edward Showalter, Randolph-Macon College George Lowry, Randolph-Macon College

An Experiential Sustainability Project Designed for an Operations Management Class

Chris McCart, Roanoke College Mike Hutkin, Roanoke College

ED3: Workshop: Windows 10, Office 2016

1:30PM - 2:45PM Tidewater B

**Session Chairs** 

Robert Andrews, Virginia Commonwealth University Wilma Andrews, Virginia Commonwealth University

Windows 10, Office 2016 - Microsoft's New Products

Wilma Andrews, Virginia Commonwealth University Robert Andrews, Virginia Commonwealth University

IS1: Issues in IS/IT - I

1:30PM - 2:45PM Tidewater C

#### **Session Chair**

Lissa Velazquez, Roanoke College

Lessons from a Summer in Silicon Valley

Donna Schaeffer, Marymount University Patrick Olson, Yokohama National University

Cybersecurity: Learning from the Remarkably Effective Process of Hacking

Wayne Smith, Avtec, Inc.

#### MG1: Behavioral Influences in Management

1:30PM – 2:45PM Patriot Room

#### **Session Chair**

Kay Keels, Coastal Carolina University

The Interaction of Gender and Personality and the Delivery of Quality Knowledge-Based Work Artifacts

Nicholas Twigg, Coastal Carolina University J. Kay Keels, Coastal Carolina University

Effects of the Planned Entrepreneurial Behavior on the Entrepreneurial Intention

Tuqba Karabulut, Istanbul Commerce University

#### **Coffee Break**

2:45PM – 3:00PM Tidewater Foyer

#### 3:00PM

#### **AN1: Analytics in Practice**

3:00PM - 4:15PM Liberty Room

#### **Session Chair**

William Miller, Georgia College

A Min-Max Normalized Ranking Method for Finding the Most Efficient DMUs in Data Envelopment Analysis

Jae-Dong Hong, South Carolina State University Kiyoung Jeong, University of Houston Clear Lake

Managing Aircraft Maintenance Resource Allocations using DEA

James Gibson, Texas Tech University

Industry-Specific Sources of Big Data Research Opportunities and Challenges: The Agency for Healthcare Research and Quality Data Bases and Software Tools

William Miller, Georgia College Christopher Lowery, Georgia College Andrew Sumner, Georgia State University



#### **DA1: Improving Quantitative and Statistical Instruction**

3:00PM – 4:15PM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

Improving Quantitative and Statistical Instruction

Robert Andrews, Virginia Commonwealth University Robin Snyder, Robin Snyder Joseph Van Matre, University of Alabama at Birmingham Ping Wang, James Madison University Steve Silver, The Citadel

#### **ED2: Panel: Millennials in our Midst**

3:00PM – 4:15PM Tidewater C

#### **Session Chair**

Donna Schaeffer, Marymount University

Millennials in Our Midst

Cynthia Knott, Marymount University Donna Schaeffer, Marymount University Charles Tichenor, Marymount University

#### **MK1: International Business**

3:00PM - 4:15PM Tidewater D

#### **Session Chair**

Christopher Ziemnowicz, University of North Carolina at Pembroke

International Business Strategy – Innovation and Alliances for Market Share – Lessons from the History of American Motors Corporation

Christopher Ziemnowicz, University of North Carolina at Pembroke John Spillan, University of North Carolina at Pembroke

Exploratory Validation of the Women as Managers Scale with a Sample of Chinese College Students

Tope Adeyemi-Bello, East Carolina University Cody Chullen, East Carolina University Xiao-Yu Xi, China Pharmaceutical University

#### SC1: Connecting SCM Theory & Practice

3:00PM - 4:15PM Patriot Room

#### **Session Chair**

Burcu Adivar, Fayetteville State University

The Truncated Normal Distribution and the Safety Stock

Nick Thomopoulos, Illinois Tech

Service Parts Management: An Empirically Derived Agenda

Christopher Boone, Georgia Southern University Ben Skipper, Georgia Southern University Benjamin Hazen, Air Force Institute of Technology Marc Scott, Georgia Southern University

Flexible Factory: Adapting to Volatile Market

Osam Sato, Tokyo Keizai University Yoshiki Matsui, Yokohama National University Tomoaki Shimada, Kobe University Yutaka Ueda, Seikei University Hideaki Kitanaka, Takushoku University

#### **MT1: SE INFORMS Officers**

4:30PM – 5:30PM Governor Jefferson Boardroom

#### **Session Chair**

Jay Teets, Coastal Carolina University

# Thursday, February 18

#### **SE DSI Council**

7:30AM - 8:30AM Allegheny Room A

8:00 AM

Registration	8:00AM - 5:00PM	Tidewater
Exhibition	8:00AM - 5:00PM	Tidewater

#### **Continental Breakfast**

8:00AM – 8:45AM Tidewater Foyer

8:45 AM

# **AN3: Analytics in Academics**

8:45AM - 10:00AM Tidewater D

#### **Session Chair**

Carin Lightner-Laws, Clayton State University

Investigating Approximate Statistical Properties of Scaled Problem Instances of Simpson's Paradox Using Big Data Cluster Computing Techniques

Robin Snyder, Robin Snyder

Suggestions for Presenting Results Visually for Introductory Statistics Topics

Kellie Keeling, University of Denver

Exploring Uses for Data Mining in Academia

Carin Lightner-Laws, Clayton State University Constance Lightner, Fayetteville State University



#### **DA2: Addressing Challenges for Teaching Business Statistics**

8:45AM - 10:00AM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

Addressing Challenges for Teaching Business Statistics

Robert Andrews, Virginia Commonwealth University
Pam Burch, Virginia Commonwealth University
Kim Melton, University of North Georgia
Weiyong Zhang, Old Dominion University
Ben Marlin, Army Logistics University

#### **ED4: Examining the Business Curriculum**

8:45AM - 10:00AM Liberty Room

#### **Session Chair**

Bob Barrett, Lander University

Putting Neuroscience in the Business Curriculum

George Lowry, Randolph-Macon College Catherine Franssen, Longwood University

Enhancing the Online Course Experience: The Case for Synchronous Discussions

William Crandall, University of North Carolina at Pembroke Melissa Mann, University of North Carolina at Pembroke

Revitalizing the Capstone Experience: Synthesizing Stakeholder Needs While Supporting the Mission

Janice Black, Coastal Carolina University J. Kay Keels (Coastal Carolina University) Nicholas Rhew (Coastal Carolina University)

# MG2: Management Potpourri

8:45AM - 10:00AM Tidewater C

#### **Session Chair**

Sara Kiser, Alabama State University

Distributed Workforce Issues: Communication and Work Relationships

Richard Monroe, Longwood University James Haug, Longwood University

Leadership from Europe's Powerhouse: An Exploratory Study

Amit Shah, Frostburg State University Michael Monahan, Frostburg State University

#### **PD1: PhD Student Papers**

8:45AM - 10:00AM Heritage Room

#### **Session Chairs**

James Lawler, Pace University
Donna Schaeffer, Marymount University

Regulatory Disruption Risks Facing Supply Chain Management

Nihar Kumthekar, Georgia Southern University Mohammed Anas Irfan, Georgia Southern University

#### PS1: Public Sector, Non-Profit, and Health Care Potpourri

8:45AM - 10:00AM Patriot Room

#### **Session Chair**

Joseph Van Matre, University of Alabama at Birmingham

Benefits of Adaptive Capability on the Performance of US Long-Term Healthcare Providers

Christie Hui-Chuan Chen, University of Tennessee at Martin

Retirement Analysis for Millennials – a Simulation Approach

Ajay Aggarwal, Henderson State University Frank Smith, Colorado State University

Bidding Strategies in Procurement Auctions with Information Asymmetries

Joan Donohue, University of South Carolina Kathleen Whitcomb, University of South Carolina Timothy Fry, University of South Carolina

Coffee Break

10:00AM – 10:15AM Tidewater Foyer

**SE DSI Business Meeting** 

10:15AM - 11:30AM Tidewater B

**SE DSI Officers Lunch** 

11:45AM - 1:00PM Garden Lounge

1:30 PM

**AC1: Tax and Legal Issues** 

1:30PM - 2:45PM Liberty Room

#### **Session Chair**

Brad Johnson, Francis Marion University

Do Service Level Agreements Matter for Cloud Computing Adoption? A Transaction Cost Model

Howard Hamilton, ECPI University James Parrish, Nova Southeastern University Yair Levy, Nova Southeastern University Marlon Clarke, Nova Southeastern University



How a High-Income Taxpayer May Avoid the Suspension of Business Losses – Treated as a Passive Activity Losses

Brad Johnson, Francis Marion University

Do Current Case Law Trends on Proportionality and Technology-Assisted Review Obviate the Need for Changes to F.R.C.P. Rule 26?

Vicki Luoma, Minnesota State University Milton Luoma, Metropolitan State University Emmy Buboltz, Minnesota State University

**DA3: IBM's Watson Analytics** 1:30PM – 2:45PM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

**IBM's Watson Analytics** 

Robert Andrews, Virginia Commonwealth University Wesley Strom, IBM

**ED5: Panel: Faculty Academic Involvement in Retirement** 

1:30PM – 2:45PM Heritage Room

#### **Session Chair**

Bob Herring, Winston-Salem State University

How can Professors Stay Involved in Academia after Retirement? Or Do They Want To?

Robert Herring, Winston-Salem State University

**PS2: Health Care Solutions** 

1:30PM - 2:45PM Tidewater D

#### **Session Chair**

James Lawler, Pace University

A Patient Community in Silico for Simulation of Major Disease Epidemiology, Progression, and Complications: Effect of Prophylaxis, Treatment, and Aging

Matt Campbell, University of South Alabama Abu Al-Mehdi, University of South Alabama Susan Ledoux, University of South Alabama

Implementing Information Systems Management into Healthcare Practices to Optimize Medicare Efficiency

Rebecca Scott, University of North Carolina at Wilmington Jeff Cummings, University of North Carolina at Wilmington

Answering the \$64,000 Question: A Model of Physician-Owned Clinic HER Adoption

Dina Shrestha, University of South Alabama Matt Campbell, University of South Alabama Amy Campbell, University of South Alabama

#### **Coffee Break**

2:45PM – 3:00PM Tidewater Foyer

#### 3:00 PM

#### **DA4: JMP: From Introductory Statistics to Analytics**

3:00PM - 4:15PM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

From Introductory Statistics to Analytics

Robert Andrews, Virginia Commonwealth University

Mia Stephens, JMP

**EC2: Finance and Firm Valuation** 3:00PM – 4:15PM Tidewater C

#### **Session Chair**

Forrest Stegelin, University of Georgia

The National Response Center Data Base: How to Use It?

Marko Horn, Valdosta State University Gary Hackbarth, Valdosta State University

The Distribution of Information, the Market for Financial News, and the Cost of Capital

Paul Marmora, Randolph-Macon College

Mainstream Banking amongst Hispanic, Black and Asian Populations

Rebecca Gonzalez, University of North Carolina at Pembroke

#### **ED6: Entrepreneurship and Business Memos**

3:00PM – 4:15PM Liberty Room

#### **Session Chair**

Shona Morgan, North Carolina A&T State University

Using Business Memos to Introduce Audience Considerations for a Discussion of a Productivity Problem

Julie Williams, University of West Florida

Kristine Gallamore, University of West Florida

Weaving the Thread of Entrepreneurship through a Core Business Curriculum

Nicholas Twigg, Coastal Carolina University Leann Mischel, Coastal Carolina University Janice Black, Coastal Carolina University Active Learning with Business Memos to Lead Students to Discover How to Model a Third Decision

Julie Williams, University of West Florida Randall Reid, University of West Florida Kristine Gallamore, University of West Florida

IS2: Issues in IS/IT - II

3:00PM - 4:15PM Tidewater D

#### **Session Chair**

Michelle Hagadorn, Roanoke College

Island World: A Serious Gaming Platform for Data Collection

Matt Campbell, University of South Alabama William Gilsson, University of South Alabama David Bourrie, University of South Alabama Devin White, University of South Alabama

Data without Borders: Privacy, Data Ownership, and Legal Concerns for Data in the Cloud

Cynthia Knott, Marymount University Michelle Liu, Marymount University Diane Murphy, Marymount University

SC2: Case Applications in SCM

3:00PM - 4:15PM Patriot Room

#### **Session Chair**

Bob Herring, Winston-Salem State University

Analyzing a Simulation Model for Disaster Relief Supply Chain: a Case Study

Keli Feng, South Carolina State University Jae-Dong Hong, South Carolina State University

Logistics Optimization and Routing Planning: a Case Study of a City's Garbage Collection Operation

Gustavo Cruz, Anderson University Anu Mathews, Anderson University

Improving Profits by Optimizing Ship's Sailing Speed

Burcu Adivar, Fayetteville State University Cansu Kasapoglu, Izmir University of Economics

#### 4:30 PM

DA5: What should be in Introductory Statistics?

4:30PM - 5:45PM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

What should be Included in Business Statistics to Prepare Students for the World of Data-Driven Analytics?

Robert Andrews, Virginia Commonwealth University

Hope Baker, Kennesaw State University Joan Donohue, University of South Carolina Tracy Rishel, The Citadel Wilma Andrews, Virginia Commonwealth University

**ED7: New Learning Approaches** 4:30PM – 5:45PM Tidewater D

#### **Session Chair**

George Lowry, Randolph-Macon College

A Plan, Do, Check, Act (PDCA) Approach to Improve Team Assignments Using a Web-Based Tool

Shona Morgan, North Carolina A&T State University

Alice Stewart, North Carolina A&T State University

Integrating Project Management Principles with Systems Development Methodologies: Proposing an Experiential Peer-Managed Learning Model for Maximizing Student Learning

A. James Wynne, Virginia Commonwealth University Chandrashekar Challa, Longwood University Elena Olson, Virginia Commonwealth University

A Proposal: The Use of an Integrated Learning System in Intermediate Accounting

Cathy Staples, Randolph-Macon College

**HS1: Sports and Tourism** 

4:30PM - 5:45PM Liberty Room

#### **Session Chair**

Mauro Falasca, East Carolina University

Investigating the Impact of Music during Tours in China's Setting

Han Yan, Wuxi No. 1 High School Lucky Xue, East Carolina University Huigang Liang, East Carolina University

Measuring Competitive Balance in NHRA Pro Stock Motorcycle

Clay Harshaw, Winston-Salem State University Clint Harshaw, Presbyterian College Gonzalo Asis, University of North Carolina at Chapel Hill

Towards an Efficiency Analysis of Collegiate Athletics

Mauro Falasca, East Carolina University John Kros, East Carolina University

SC3: Supply Chain Management Issues

4:30PM - 5:45PM Patriot Room

**Session Chair** 

#### Kimberly Whitehead, Anderson University

Controlling Transaction Costs in Buyer-Supplier Relationships: the Role of Distributive Capability and Absorptive Capacity

Kimberly Whitehead, Anderson University

Entrepreneurial Supply Chain Information Network and Supply Chain Alertness

Xun Li, Nicholls State University J Field, Nicholls State University

Effect of Delivery Lead Time on Production Policy in a Two-Tiered Supply Chain with Constrained Supply

Dimitriy Shaltayev, Christopher Newport University

Joona Rahko, University of Oulu

Borga Deniz, Framingham State University

Robert Hasbrouck, Christopher Newport University

#### 6:30 PM

#### **President's Reception**

6:30PM – 8:30PM Piedmont Room

#### **Undergraduate Student Posters**

6:30PM - 8:30PM Piedmont Room

#### **Session Chair**

Suzie Smith, Presbyterian College

Using an Enterprise Risk Management Framework to Prepare for Natural Disasters

Thomas Buchanan, Randolph-Macon College

Mutual Fund Performance Prediction Model

Stephanie Whitecross, Roanoke College

Social Media Marketing Analysis for the Nonprofit Festival Sector: Maximizing Revenue and Attendance Growth

Lauren Mahon, Presbyterian College

# Friday, February 19

#### 8:00 AM

Registration 8:00AM - 5:00PM Tidewater Exhibition 8:00AM - 5:00PM Tidewater

#### **Continental Breakfast**

8:00AM – 8:45AM Tidewater Foyer

#### 8:45 AM

#### DA6: What Should Be In an Analytics Program or Class?

8:45AM - 10:00AM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

What Should Be in an Analytics Program or Class?

Robert Andrews, Virginia Commonwealth University James Bradley, College of William and Mary Kellie Keeling, University of Denver Mia Stephens, JMP Weiyong Zhang, Old Dominion University

#### **ED8: Innovation Opportunities in Education**

8:45AM - 10:00AM Patriot Room

#### **Session Chair**

Sara Kiser, Alabama State University

Does Calculator Use and Test Format Mask Weakness in Basic Math Ability? Experimental Evidence in Principles of Economics

Melanie Fennell, Randolph-Macon College Irene Foster, George Washington University

Using Newsvendor with Monte Carlo simulation to Optimize Ordering of Flu Vaccines: a Case Study

Rebecca Scott, University of North Carolina at Wilmington

Stephen Hill, University of North Carolina at Wilmington

#### **ED9: Workshop: Teaching with Cases**

8:45AM - 10:00AM Liberty Room

#### **Session Chair**

Tobin Turner, Presbyterian College

Teaching with Cases: Classroom and 'Online'

Steve Leybourne, Boston University

#### **PU1: Undergraduate Student Papers**

8:45AM - 10:00AM Tidewater D

#### **Session Chairs**

Charley Tichenor, Marymount University Elena Olson, Virginia Commonwealth University Kim Whitehead, Anderson University

Application of Principles from "The Goal" to Real Estate Operations

Richard Keller, Mount St. Mary's University

The Relationships between Culture, Leader-Member Exchange Quality, and Job Satisfaction of Vietnamese Employees

*Uyen Hill, Savannah State University* 

Using an Enterprise Risk Management Framework to Prepare for Natural Disasters

Thomas Buchanan, Randolph-Macon College

What's Your Type? Stereotype that is: African American Stereotypes in Advertising

Wykella Patrick, Savannah State University

#### **Coffee Break**

10:00AM – 10:15AM Tidewater Foyer

10:15 AM

# **AC2: Trust and Security Issues**

10:15AM - 11:30AM Tidewater C

#### **Session Chair**

Cathy Staples, Randolph-Macon College

A Meta-Model of Academic Dishonesty

Patsy Lewellyn, University of South Carolina Aiken

Trust as a Currency: Using Serious Gaming to Survey Sensitive Data

Stacy Miller, University of South Alabama Matt Campbell, University of South Alabama William Gilsson, University of South Alabama

An Analysis of Cybersecurity Requirements in Healthcare

Maureen van Devender, University of South Alabama Matt Campbell, University of South Alabama

# DA7: What is the Role of Analytics in Doing Business?

10:15AM - 11:45AM Tidewater B

#### **Session Chair**

Robert Andrews, Virginia Commonwealth University

What is the Role of Analytics in Doing Business?

Robert Andrews, Virginia Commonwealth University

#### **ED10: Legal and Accreditation Issues**

10:15AM - 11:30AM Patriot Room

#### **Session Chair**

Jim Wynne, Virginia Commonwealth University

Empowering College Students with Cognitive Disabilities in a Special Education Program Integrating E-Portfolio Technology

James Lawler, Pace University

Notes on Accreditation

Robert Barrett, Lander University

The Legal aspect of Faculty/Student Relationships in Higher Education

Susan Shurden, Newberry College Robert Barrett, Lander University

#### **PM1: Masters/MBA Student Presentations**

10:15AM - 11:15AM Liberty Room

#### **Session Chairs**

Carin Lightner-Laws, Clayton State University Howard Hamilton, ECPI University Kay Keels, Coastal Carolina University

Applying Evidence Based Management at the North Carolina Aquarium at Fort Fisher

Catherine Aasen, Fayetteville State University

Confessions of a Shopaholic: The Value of Luxury Brands on Society

Esmira Gheisary, Savannah State University

An Overview of Nursing Retention Issues

Anissa Bowers, Valdosta State University

#### President's Lunch

11:45AM – 1:00PM Allegheny Room