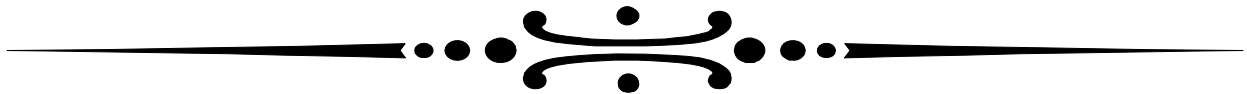


# **2019 CONFERENCE PROGRAM**



## **MID-CONTINENT REGIONAL SCIENCE ASSOCIATION 50<sup>TH</sup> ANNUAL CONFERENCE**

**JUNE 4-6, 2019**

**MADISON CONCOURSE HOTEL**

**MADISON, WISCONSIN**

# **THE MID-CONTINENT REGIONAL SCIENCE ASSOCIATION**

## **OFFICERS**

G. Jason Jolley, Past President  
Ohio University

David Kay, President  
Wells Fargo Bank

Bridget Guerrero, President Elect  
West Texas A&M University

Craig Carpenter, Vice President  
Chair, Student Paper Competition  
Texas A&M University

John Leatherman, Executive Director  
Kansas State University

Katherine Nesse, Representative to the North American Regional Science Council  
Seattle Pacific University

## ***THE JOURNAL OF REGIONAL ANALYSIS & POLICY***

Joshua Hall, Editor-in-Chief  
West Virginia University

## **2018 MEETING PROGRAM COMMITTEE**

John Leatherman, Program Committee Chair  
Kansas State University

John Leatherman, Conference Local Arrangements Chair  
Kansas State University

**MCRSA Program Schedule Overview**  
**~ June 4-6, 2019 ~**  
**Madison Concourse Hotel, Madison, WI**

**Tuesday, June 4**

3:00-5:30            **MCRSA Executive Committee** (open invitation)

6:00-8:00            **Registration and Conference Reception**

**Wednesday, June 5**

7:30-10:30          **Registration**

8:00-8:20            **Conference Welcome**

**Breakout**

8:30-10:00          1      2      3

10:00-10:30        Conference Break

10:30-12:00        4      5

12:00-1:45          **Conference Lunch**, Awards, Speaker

2:00-3:30            6      7      8

3:30-3:45            Conference Break

3:45-5:15            9      10     11

**Thursday, June 6**

7:45-8:45            **Conference Breakfast Buffet**

8:15 -8:45            **MCRSA Business Meeting** – During Breakfast

9:00-10:30          12     13     14

10:45-12:15        15     16

12:15 p.m.           **Conference Adjourns - Safe Travels!**

# 2018 ANNUAL MEETING PROGRAM

## TUESDAY, JUNE 4, 2019

3:00 P.M. – 5:30 P.M.

**MCRSA EXECUTIVE COMMITTEE MEETING** TBA  
Open Invitation

6:00 P.M. – 8:00 P.M.

**CONFERENCE WELCOME RECEPTION** TBA  
REGISTRATION  
Complimentary hors d'oeuvres and cash bar.

## Wednesday, June 5, 2019

7:30 A.M. – 10:00 A.M.

**REGISTRATION** TBA  
COFFEE

8:00 A.M. – 8:15 A.M.

**CONFERENCE WELCOME** TBA

David Kay, President  
Mid-Continent Regional Science Association

**Wednesday, June 5**

8:30 A.M. – 10:00 A.M.

**SESSION 1: Regional Economic Analysis**

**TBA**

**Session Chair:** Jeff Peterson

**Current Research Agenda for Tapestry, an Open-Access Multi-Regional Social Accounting System**

Philip Watson, University of Idaho  
Greg Alward, Alward Institute for Collaborative Science  
Garth Taylor, University of Idaho

**National Economic Impacts from the DoD SBIR/STTR Program**

Michael Wallner, PhD, TechLink  
Jeff Peterson, Montana State University  
Will Swearingen, TechLink

**Economic Impact Analysis for Small Public Colleges: A Guide to Attainable Data and Best Practices**

Christelle Khalaf, Ohio University  
G. Jason Jolley, Ohio University

**Discussants:**

Jason Jolley  
Philip Watson  
Jeff Peterson

**Wednesday, June 5**

8:30 A.M. – 10:00 A.M.

**SESSION 2: Local Public Policy & Finance**

**TBA**

**Session Chair:** Ronald Gunderson

**Residential Property Assessment in Minnehaha County, South Dakota: A Comparison of Hybrid and Market Sale Methods**

David Sorenson, Augustana University

**Overlapping Governments and Police Ticketing Intensity**

Dagney Faulk, Ball State University

**The Participatory Process for Sustainable Economic Development Policy Design: A Case Study of the City of Flagstaff, Arizona**

Alexandria Wright, Ventura County Community College District  
Ronald Gunderson, Northern Arizona University

**Discussants:**

Dagney Faulk  
Ronald Gunderson  
David Sorenson

**Wednesday, June 5**

8:30 A.M. – 10:00 A.M.

**SESSION 3: Spatial Analysis**

**TBA**

**Session Chair:**

**Preference Matching, Income, and Population Distribution in Urban and Adjacent Rural Regions**

Amit Batabyal, Rochester Institute of Technology  
Hamid Beladi, University of Texas - San Antonio

**Did Rural Development Policy to Increase Agricultural Income Work in Korea?**

Seongwoo Lee, Seoul National University

**Economic growth and corruption: a spatial econometric approach over convergence of the Brazilian states.**

Francisco Germano Carvalho Lucio, Federal University of Ceará

**Discussants:**

Francisco Germano Carvalho Lucio  
Seongoo Lee  
Amit Batabyal

**Wednesday, June 5**

10:00 A.M. – 10:30 A.M.

**CONFERENCE COFFEE BREAK**

**TBA**



**Wednesday, June 5**

10:30 A.M. – 12:00 P.M.

**SESSION 4: Understanding the Importance of Water for Agriculture in Rural, Semi-arid Regions**

**Presidential Symposium**

**TBA**

**Organizer:** Bridget Guerrero

**Session Chair:** Bridget Guerrero

**Understanding the role of water in farm-dependent communities**

Rebekka Dudensing, Texas A&M AgriLife Extension

Bridget Guerrero, West Texas A&M University

Justin Benevidez, Texas A&M AgriLife Extension

**Economic impacts of groundwater reductions for irrigated agriculture: A case study in Sheridan County, Kansas**

Bill Golden, Kansas State University

Bridget Guerrero, West Texas A&M University

**Regional Economic Analysis of Crop Production in Laramie County, Wyoming**

Bridget Guerrero, West Texas A&M University

Kaila Willis, University of Wyoming

Kristi Hansen, University of Wyoming

Dannele Peck, University of Wyoming

**Wednesday, June 5**

10:30 A.M. – 12:00 P.M.

**SESSION 5: Innovation & Entrepreneurship**

**TBA**

**Session Chair:** Knut Ingar Westeren

**Competitiveness and Innovations in the Aquaculture Sector**

Knut Ingar Westeren, Nord-Trøndelag University College

**Using Local Public Goods to Attract and Retain the Creative Class: A Tale of Two Cities**

Amit Batabyal, Rochester Institute of Technology  
Karima Kourtit, Vrije Universiteit Amsterdam  
Peter Nijkamp, Tinbergen Institute Amsterdam

**Entrepreneurs in Economic Development: Opportunity, Necessity, and No One in the Middle**

Sarah Low, University of Missouri - Columbia  
Tessa Conroy, University of Wisconsin - Madison

**Discussants:**

Tessa Conroy  
Knut Ingar Westeren  
Alexandria Wright

**Wednesday, June 5**

12:00 NOON – 1:45 P.M.

**TBA**

**CONFERENCE LUNCHEON & MCRSA AWARDS**

**RECOGNITION OF MCRSA AT 50  
&  
REGIONAL SCIENCE IN NORTH AMERICA**

**Neil Reid, University of Toledo  
Executive Director, North American Regional Science Council**

**LOOKING BACK  
MCRSA AT 50**

**John Leatherman, Kansas State University**

**LOOKING FORWARD  
MCRSA: THE NEXT 50**

**G. Jason Jolley, Ohio University**

**Wednesday, June 5**

2:00 P.M. – 3:30 P.M.

**SESSION 6: Corruption, Commuting, and Home Schooling**

**TBA**

**Organizer:** Joshua Hall

**Chair:** Joshua Hall

**Political Corruption and Development in Brazil: Do Random Audits of Corruption Increase Economic Activity?**

Jamie Pavlik, Texas Tech University

**The Effect of High Occupancy Vehicle Lanes on Commuting Times in California**

Margaret Bock, West Virginia University

**The Determinants of Home Schooling: Evidence from Wisconsin**

Joshua Hall, West Virginia University

**Wednesday, June 5**

2:00 P.M. – 3:30 P.M.

**Session 7: Regional Economics and Health**

**TBA**

**Organizer:** Kelly Edmiston

**Chair:** Kelly Edmiston

**The Role of Hospitals in Economic and Community Development**

Kelly Edmiston, Federal Reserve Bank of Kansas City

**The Spillover Effects of Health Expenditure: Evidence from a Bayesian Spatial Analysis**

Shafiun Shimul, Dhaka Institute of Health Economics

**National Economic Impacts from the National Cancer Institute SBIR/STTR Program**

Michael Wallner, PhD, TechLink

Jeff Peterson, Montana State University

Will Swearingen, TechLink

**Wednesday, June 5**

2:00 P.M. – 3:30 P.M.

**Session 8: Space and Migration**

**TBA**

**Session Chair:** Amit Batabyal

**A Flexible Model for Spatial Volatility with an Application to Chicago Metropolitan Housing Market**

Jiyoung Chae, University of Illinois - Urbana-Champaign

**The Optimal Provision of Information and Communication Technologies in Smart Cities**

Amit Batabyal, Rochester Institute of Technology  
Hamid Beladi, University of Texas - San Antonio

**Unemployment and the US Housing Market during the Great Recession**

Pavel Krivenko, Baruch College

**Discussants:**

Pavel Krivenko  
Jiyoung Chae  
Christelle Khalaf

**Wednesday, June 5**

3:30 P.M. – 3:45 P.M.

**CONFERENCE COFFEE BREAK**

**TBA**

**Wednesday, June 5**

3:45 P.M. – 5:15 P.M.

**SESSION 9: Hedonic Models**

**TBA**

**Organizer:** Joshua Hall

**Session Chair:** Joshua Hall

**The Political Economy of Historic Districts: The Private, The Public, and The Collective**

Yang Zhou, West Virginia University

**The Price of Walking: Orthodox Synagogues and Residential Property Values in the Atlanta, Georgia Metro Area**

Michael Makovi, Texas Tech University

**The Value of Being the Decisive Voter: Evidence from Hedonic models**

Joshua Hall, West Virginia University



**Wednesday, June 5**

3:45 P.M. – 5:15 P.M.

**SESSION 10: Housing & Public Finance**

**TBA**

**Session Chair:** Norman Walzer

**Dealing with Complex Governmental Structures: The LEAP Approach**

Norman Walzer, Northern IL University  
Andy Blanke, Northern Illinois University

**How Auctions Amplify House-Price Fluctuations**

Alina Arefeva, UW Madison

**Is there an Ideal Housing Orientation for Energy Efficiency? -- An Analysis of Individual Households Energy Use in Louisville, KY**

Sumei Zhang, University of Louisville

**Discussants:**

Alina Arefeva  
Sumei Zhang  
Andy Blanke

**Wednesday, June 5**

3:45 P.M. – 5:15 P.M.

**SESSION 11: Environment & Natural Resources TBA**

**Session Chair:** Jan Ole Similä

**Property Rights and Groundwater Management: A Dynamic Structural Model of the Dual Rights System in California**

Louis Sears, Cornell University  
Cynthia Lin Lawell, Cornell University

**Managing Innovation Contracts in the Salmon Farming Industry**

Jan Ole Similä, Nord-Trøndelag University College

**Trade Networks and Policy Diffusion**

Sergio de Holanda Rocha, University of Illinois - Urbana-Champaign  
Prakrati Thakur, University of Illinois - Urbana-Champaign

**Discussants:**

Sergio de Holanda Rocha  
Prakrati Thakur  
Jan Ole Similä

**Wednesday, June 5**  
**EVENING**

**WELCOME TO MADISON!**

**Madison's Central Business District** is the heart of downtown Madison. Set on an isthmus between two scenic lakes, the famed State Street pedestrian mall links the Wisconsin State Capitol Square to the University of Wisconsin campus.

**This unique shopping, business and entertainment district** is home to more than 370 shops, galleries, restaurants, and night spots, many locally owned, plus museums and cultural destinations. You'll find a welcoming downtown environment.

In the heart of downtown, State Street and the Capitol Square, you will find Madison's center for shopping, dining, entertainment and events. Avoid the ordinary by exploring hundreds of eclectic shops, boutiques, and galleries, many locally owned.

Downtown Madison welcomes you!

**Thursday, June 6**

7:45 A.M. – 8:45 A.M.

**CONFERENCE BUFFET BREAKFAST  
AND  
MCRSA BUSINESS MEETING**

**TBA**

All conference attendees are invited to the conference breakfast buffet and MCRSA business meeting

- Exchange of the gavel
  - State of the Association and business meeting
  - *The Journal of Regional Analysis & Policy* update
-

**Thursday, June 6**

9:00 A.M. – 10:30 A.M.

**Session 12: DATA & ECONOMIC ANALYSIS**

**TBA**

**Session Chair:** Katherine Nesse

**Comparing Administrative Data to ACS Estimates of Income and Wealth**

Katherine Nesse, Seattle Pacific University

**Estimating Retail Establishment and Employment Demand Thresholds using Microdata**

Craig Carpenter, Texas A&M University  
Anders Van Sandt, Texas A&M University  
Rebekka Dudensing, Texas A&M University  
Scott Loveridge, Michigan State University  
Linda Niehm, Iowa State University  
Steven McKinney, Iowa State University

**A Protocol for Evaluating Multi-Sector Economic Contributions Using Input-Output Models**

Greg Alward, Alward Institute for Collaborative Science  
Philip Watson, University of Idaho  
Garth Taylor, University of Idaho  
Raju Pokharel, University of Idaho

**Discussants:**

Garth Taylor  
Greg Alward  
Rebekka Dudensing

**Thursday, June 6**

9:00 A.M. – 10:30 A.M.

**SESSION 13: Migration**

**TBA**

**Session Chair:** Louis Sears

**Do Foreign-trained Nurses Displace Native Nurses?**

Hyeran Chung, University of Illinois - Urbana-Champaign

**Migration, Education, Urban Divergence: Evidence from U.S. Patents**

Oudom Hean, Ohio State University

**Foreign Immigrants and the Economic Well-Being of U.S. Communities**

Steven C Deller, University of Wisconsin - Madison

Tessa Conroy, University of Wisconsin - Madison

Matt Kures, University of Wisconsin-Madison

**Discussants:**

Oudom Hean

Steven C Deller

Hyeran Chung

**Thursday, June 6**

9:00 A.M. – 10:30 A.M.

**SESSION 14: Human Welfare**

**TBA**

**Session Chair:** Mark Howard

**Is There Racial Discrimination in Housing Assessment? Evidence from Fulton County / Atlanta, Georgia**

Michael Makovi, Texas Tech University

**Mortality Rates and Industry Structure Across US Counties**

Mark Howard, Springfield College

**Measuring the Economic Benefits of Rural and Small Urban Transit Service in Greater Minnesota**

Jeremy Mattson, North Dakota State University

**The Supply of Enrollments in Public Universities: Quantity versus Quality**

Nattanicha Chairassamee, Ohio State University

**Discussants:**

Jeremy Mattson  
Michael Makovi  
Nattanicha Chairassamee  
Mark Howard

**Thursday, June 6**

10:45 A.M. – 12:15 P.M.

**SESSION 15: Rural/Community Development      TBA**

**Session Chair:** Craig Carpenter

**The Importance of Independent Local Banks in Rural America**

Charles Tolbert, Baylor University  
Craig Carpenter, Texas A&M University

**Making Up Our Economic Minds: The Effects of Deference to Authority,  
Media Use and Religiosity on Lay Assessments of the Economy**

Kristin Runge, University of Wisconsin – Madison

**The Impacts of Institutional Capital Access, Firm Dynamics, and  
Industrial Diversity on Firm Expansions at the County Level**

Chad Christenson, University of Wisconsin – Madison

**Discussants:**

Chad Christenson  
Charles Tolbert  
Kristin Runge



**Thursday, June 6**

10:45 A.M. – 12:15 P.M.

**SESSION 16: COMMUNITY/ECONOMIC DEVELOPMENT &  
Migration TBA**

**Session Chair:** Matthew Kures

**The evolving geography of computer and mathematical occupations.  
Increasing geographic concentration or emerging spatial diffusion?**

Matthew Kures, University of Wisconsin - Madison  
Steven C Deller, University of Wisconsin - Madison  
Tessa Conroy, University of Wisconsin - Madison

**Public-Private Partnership as a Solution for Financing Public  
Infrastructure**

Hassan Pordeli, Jacksonville University  
Peter Wynkoop, Jacksonville University

**Family Migration Response to a Drought: Evidence from Internal  
Migration in Iran**

Mohammad Ahmadizadeh, University of Illinois at Urbana-Champaign

**Discussants:**

Hassan Pordeli  
Mohammad Ahmadizadeh  
Matthew Kures

**Thursday, June 6**

12:15 P.M. - ADJOURN

**SAFE TRAVELS!**

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