

AN INTERDISCIPLINARY ORGANIZATION, LOCATED IN THE SOUTHEASTERN UNITED STATES, WITH MEMBERS IN APPROXIMATELY 40 STATES AND 7 COUNT

# 49<sup>th</sup> Southern Regional Science Association Meeting

March 25-27, 2010 Arlington, VA Washington, DC

Crystal City Marriott Hotel Arlington, VA At the Reagan National Airport





**Conference Program 2010** 

### SRSA Officers, 2009-2010

#### President

John E. Connaughton- University of North Carolina, Charlotte

#### **President-elect and Program Chair, 2010**

Randall W. Jackson-West Virginia University

#### **Immediate Past President**

Peter V. Schaeffer-West Virginia University

#### **Co-executive Directors**

John Sporing, Jr., Secretary–Office of the US Courts Santiago Pinto, Treasurer–West Virginia University

#### **Nominations Chair**

Nancy White - Bucknell University

#### **Council Members**

James LeSage–Texas State University, San Marcos Stephan Goetz–Pennsylvania State University Dan Rickman–Oklahoma State University Mark Burkey–North Carolina A&T State University James Matt Fannin- Louisiana State University M. Rose Olfert- University of Saskatchewan

#### **Conference Committee**, 2010

Robert Brown, Bureau of Economic Analysis David Carrier, Appalachian Regional Commission Rick Clayton, Bureau of Labor Statistics Kim Coffman, Minerals Management Service Brian Cushing, West Virginia University J. Matthew Fannin, Louisiana State University Randall Jackson, RRI, West Virginia University Donald J. Lacombe, West Virginia University Michael Lahr, Rutgers University D.M. Lambert, University of Tennessee-Knoxville Sarah Low, USDA, Economic Research Service



### **Past Presidents**

Peter V. Schaeffer - West Virginia University Nancy E. White - Bucknell University David McGranahan - ERS, USDA Cynthia Rogers - University of Oklahoma Mark Partridge, The Ohio State University Stephen M. Smith - Pennsylvania State University Robert Gibbs - ERS, USDA Frank Hefner - College of Charleston John Rees - University of North Carolina at Greensboro Judith Stallmann - University of Missouri Andy Bernat - BEA, US Dept. of Commerce David Barkley - Clemson University David Mulkey - University of Florida Carol T. West - University of Florida Edward J. Malecki - The Ohio State University John R. Kort – USDA, Economic Research Service Thomas G. Johnson - University of Missouri Andrew M. Isserman - University of Illinois at Urbana Mark S. Henry - Clemson University David Rasmussen - Florida State University Joseph Cartwright - U.S. Department of Defense William Latham - University of Delaware Hugh W. Knox - BEA, U.S. Department of Commerce (retired) Barry Moriarty - University of North Carolina (deceased) James C. Hite - Clemson University A. Ray Grimes - KPMG LLP William J. Serow - Florida State University **Richard Olsen - Applied Business Research** John H. Cumberland - University of Maryland Niles M. Hansen - University of Texas at Austin Lowell D. Ashby - U.S. Dept. of Commerce (deceased) Shirley F. Weiss - University of North Carolina (retired) Monroe Newman - Washington, DC (Pennsylvania State University) William H. Miernyk - RRI, West Virginia University (director emeritus) James M. Stepp - Clemson University (deceased) Alan R. Winger - FHLB of Cincinnati William A. Schaffer - Georgia Institute of Technology (emeritus) Robert T. Miki - U.S. Dept. of Commerce (deceased)

### Fellows

Walter Isard William H. Miernyk Rutledge Vining Charles L. Leven Niles M. Hansen James Hite Thomas Johnson Hugh Knox David Barkley Judith I. Stallmann Edgar S. Dunn Lowell D. Ashby F. Stuart Chapin, Jr. William A. Schaffer Brian Berry John H. Cumberland Mark S. Henry Henry (Chip) Herzog John Kort Andrew M. Isserman



# **PROGRAM OVERVIEW**

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# **49<sup>th</sup> SRSA Annual Meeting: Program Overview**

Thursday, March 25

8:30AM—12:00PM

NRE 1029 Business Meeting (by invitation): Salon C

1:00PM-6:00PM

Registration: Lobby

#### 2:00PM-3:45PM

Session GA: Government Plenary Session: The Role of Government Agencies in Regional Development: Salon D (Open to All)

#### 3:45PM-4:00PM

Coffee Break: Lobby

#### 4:00PM-6:00PM

Session 1A: Person Finance: Salon D Session 1B: Environment, Natural Resources, and Regional Development: Salon E

#### 7:00PM-9:00PM

SRSA Executive Council Meeting (By Invitation Only): Mt. Vernon Room

# Friday, March 26

8:00AM-6:00PM

Registration: Lobby

#### 8:15AM-10:15AM

Session 2A: Human Capital and Labor Markets: Salon A Session 2B: Special Session: Appalachian Regional Commission: Alternative Energy/Carbon Mitigation/Natural Resources: Salon B Session 2C: Culture, Entrepreneurship, and Development I: Salon C Session 2D: Current Issues in Housing: Salon D Session 2E: Spatial Price and Cost of Living: Boardroom

#### 10:15AM-10:30AM

Coffee Break: Lobby

#### 10:30AM-12:15PM

Session 3A: Special Session: Migration I – Immigration: Salon A Session 3B: Special Session: Appalachian Regional Commission: Economic Diversification/ Mine Reclamation/ Reforestation: Salon B Session 3C: Culture, Entrepreneurship, and Development: Salon C Session 3D: Special Session: USDA-Studying Local Food Systems: Data, Indices, and Case Studies: Salon D Session 3E: Special Session: NE-1029 (Part I): Boardroom

#### 12:30PM-2:00PM

#### **Awards Luncheon: Salon EF**

Award of SRSA Fellow Plaque Judith Stallman and Andrew Isserman SRSA Fellow's Address by Judith Stallman: "Institutions, Comparative Research and Regional Science" and Andrew Isserman: "Not So Easy Pieces"

#### 2:15PM-4:00PM

Session 4A: Special Session: Migration II- Rural Migration: Salon A Session 4B: Special Session: Appalachian Regional Commission: Sustainable Economic Development/ Triple Bottom Line: Salon B Session 4C: Income Studies: Salon C Session 4D: Special Session: Spatial Econometrics-Policy Analysis: Salon D Session 4E: NE-1029 (Part II): Boardroom

#### 4:00PM-4:15PM

Coffee Break: Lobby

#### 4:15PM-6:00PM

Session 5A: Special Session: Migration III- Fresh Perspectives on Population Migration: Salon A Session 5B: Special Session: Recent Employment Trends from the BLS Quarterly Census of Employment and Wages Program: Salon B Session 5C: Land Use and Land Use Policy: Salon C Session 5D: Special Session: Spatial Econometrics: Theory and Application: Salon D Session 5E: Special Session: Special Session: Socio-Economic Analysis of Oil and Gas Industry Dependent Regions: Boardroom

6:30PM-8:30PM

Reception: Salon F

### Saturday, March 27

#### 8:00AM-2:00PM

Registration: Lobby

#### 8:15AM-10:15AM

Session 6A: Government, Taxation, and Public Services I: Salon A Session 6B: Studies in Higher Education: Salon B Session 6C: Innovation, Productivity, and Economic Performance: Salon C Session 6D: Rural Development: Salon D Session 6E: Methods of Applied Regional Analysis: Boardroom

10:15AM-10:30AM

Coffee Break: Lobby

#### 10:30AM-12:15PM

Session 7A: Special Session: Migration IV – New Results on Recent Migration: Salon A Session 7B: Special Session: Bureau of Economic Analysis: Salon B Session 7C: Regional and Urban Development: Salon C Session 7D: Transportation I: Salon D Session 7E: Industry Studies: Boardroom

12:30PM-1:45PM

#### **Presidential Luncheon and SRSA Business Meeting:** Salon EF:

John Connaughton, University of North Carolina, Charlotte, SRSA President's Address: "The Regional Impact of the Recession"

#### 2:00PM-4:00PM

Session 8A: Government, Taxation, and Public Services II: Salon A Session 8B: Health: Salon B Session 8C: Transportation II: Salon C Session 8D: Issues in Regional Economics: Salon D

4:00PM

49<sup>th</sup> SRSA Annual Meeting Ends

### **SRSA Program**

### Thursday, March 25

8:30AM-12:00PM

NE-1029 Business Meeting (by invitation): Salon C

1:00PM-6:00PM

**Registration: Lobby** 

#### 2:00PM-3:45PM

Session GA: Government Agency Plenary: The Role of Government Agencies in Regional Development: Salon E (Open to All)

Organizer: Randall Jackson, RRI, West Virginia University Chair: Geoffrey J.D. Hewings, University of Illinois

John Sporing, Administrative Office of the US Courts

David Carrier, Chief Economist, Appalachian Regional Commission

Mark Kutzbach, Economist, Associate Administrator, US Census Bureau, Center for Economic Studies

John Kort, Associate Administrator, Economic Research Service, USDA

David Talan: Chief, Branch of Business Employment Dynamics, Bureau of Labor Statistics

Ann Battle Macheras: Regional Research VP, Federal Reserve Bank of Richmond

Barry Johnson, Advisor and Director of Strategic Initiatives, Economic Development Administration

#### 4:00PM-6:00PM

#### Session 1A: Public Finance: Salon D Chair: Shaoming Cheng

The Determinants of the Allocation of Federal Expenditures Shaoming Cheng, Florida International University *Discussant*: Mark Snead

The Impact of Tax and Expenditure Limits on Municipal Fiscal Health, Craig Maher, University of Wisconsin-Oshkosh, Steven Deller, University of Wisconsin-Madison" Discussant: Shaoming Cheng

Minorities, Subprime, and Financial Knowledge Mouhcine Guettabi, Oklahoma State University *Discussant:* Steven Deller

Tax Exempt Tribal Retail Sales:A Comparative Static CGE Assessment of the Regional Impacts Mark Snead, FRB of Kansas City- Denver Branch Discussant: Mouhcine Guettabi

# Session 1B: Environment, Natural Resources, and Regional Development: Salon E

Chair: Christa Jensen, RRI, West Virginia University

Regional Economic Impacts of Biofuels: Lessons from Non-Marine Derived Biofuels for Marine Algae Production in Northern Ireland, the Border Region of Ireland and Western Scotland Grant Jordan Allan, Peter McGregor, Fraser of Allander Institute-University of Strathclyde, Karen Turner, Kim Swales, University of Strathclyde Discussant: Christa Jensen

Returning the 'Fresh' to Freshkills: A Hedonic Model Evaluating the Economic Effects of the Former World's Largest Landfill Jeffrey Chen, Columbia University Discussant: Grant Jordan Allan

Local and Regional Economic Impacts of Biofuel Development Nancy M. Hodur, North Dakota State University Discussant: Jeffrey Chen

Who Generates Hazardous Wastes? Attribution of Producer and Consumer Responsibility within the US Christa Jensen, RRI, West Virginia University Discussant: Nancy M. Hodur

(7:00PM-9:00PM)

SRSA Executive Council Meeting (by invitation): Mount Vernon Room

# Friday, March 26

8:00AM-6:00PM

**Registration: Lobby** 

8:15AM-10:15AM

#### Session 2A: Human Capital and Labor Markets: Salon A

Chair: Todd Gabe, University of Maine

Towards a More Comprehensive Measure of Labor Underutilization: Underemployment in Alabama Christina Lira, Samuel Addy, The University of Alabama, Michaël Bonnal, The University of Tennessee at Chattanooga Discussant: Lorin David Kusmin

Labor Market Pooling and Occupational Agglomeration Todd Gabe, University of Maine, Jaison R. Abel, FRB of New York *Discussant:* Michaël Bonnal

Determinants Of Local Self-Employment Growth By Gender, Age, And Selected Industry: 2000-2006 George W. Hammond, West Virginia University *Discussant:* Todd Gabe

Returns to Human Capital in Metro and Nonmetro Areas Lorin David Kusmin, Economic Research Service, USDA *Discussant:* George W. Hammond

#### Session 2B: Special Session: ARC-Alternative Energy/ Carbon Mitigation/ Natural Resources: Salon B

Chair: David Carrier, ARC Discussant: Justin Maxson, MACED

Spatial Distribution of Carbon Intensive Industries and Employment in Appalachia: A Focus on Rural and Economically Distressed Counties Amy Welch, Pennsylvania State University

Planning and Financing Energy Efficient Infrastructure in the Appalachian Region Victoria Kiechel, Laura Dufresne, Jeff Maxted, The Cadmus Group; Hodjat Ghadimi, Randall Jackson, RRI, West Virginia University; Richard Hirsh, John Bigger, Michael Willingham, Virginia Polytechnic Institute and State University

Potential and Problems with CCS in West Virginia Calvin Albert Kent, Marshall University

# Session 2C: Culture, Entrepreneurship, and Development I: Salon C

Chair: Amitrajeet A. Batabyal, Rochester Institute of Technology

Entrepreneurial Farms Owning Non-Farm Businesses Faqir Singh Bagi, Economic Research Service, USDA Discussant: Heather Stephens

The Impact of Neutral and Non-Neutral Productivity Growth on Creative Capital in a Trading Regional Economy Amitrajeet A. Batabyal, Rochester Institute of Technology *Discussant:* Faqir Singh Bagi

The Economic Determinants of Contractual Choice: Evidence from the US Agriculture Bingjie Hu, University of Maryland *Discussant:* Amitrajeet A. Batabyal

Do Small Businesses Matter for Economic Growth in Appalachia? Heather Stephens, Mark Partridge, The Ohio State University *Discussant:* Bingjie Hu

#### Session 2D: Current Issues in Housing: Salon D

Chair: Herman Li, The Pennsylvania State University

Housing Prices and Neighborhood Homeownership and Vacancy Herman Li, The Pennsylvania State University, Edward Coulson *Discussant:* Sonya Waddell

House Value Fluctuations and the Household's Adjustment of Consumption Abdul Munasib *Discussant:* Herman Li

What Causes Foreclosure? The Role of House Prices, Labor Markets, and Other Conditions in Mortgage Default in the Mid-Atlantic States Sonya Ravindranath Waddell, FRB of Richmond, Edward S. Prescott, Anne Stilwell, Brian Gaines Discussant: Abdul Munasib

#### Session 2E: Regional Economic and Income Analysis: Boardroom

Chair: Jayasree Basu, Agency for Healthcare, Research and Quality

Economic Development of Small Island Economies Leslie Dunn, Washington and Jefferson College *Discussant:* Dan Rickman

Does Level of Income Matter in the Energy Consumption and GDP Nexus: Evidence from Sub-Saharan African Countries Mulugeta Saare Kahsai, Peter V. Schaeffer, Tesfa G. Gebremedhin, West Virginia University, Chali Nondor Discussant: Leslie Dunn Wage Growth and Employment Growth: Evidence from Wage Records Frederick J Tannery, Slippery Rock University Discussant: Mulugeta Saara Kahsai

Population Growth in High Amenity Nonmetropolitan Areas: A Devil's Bargain? Dan S. Rickman, Shane D. Rickman, Oklahoma State University Discussant: Frederick J Tannery

10:15AM-10:30AM

Coffee Break: Lobby

#### [10:30AM-12:15PM]

#### Session 3A: Special Session: Migration I-Immigration: Salon A

Organizer: Brian Cushing, West Virginia University Chair: Nancy White, Bucknell University

Linking Higher Education, High-Tech Industry and Highly Skilled Foreign-born Talent in US Mega-regions Jing Li, George Mason University Discussant: Georg Grassmueck

Circular Migration or Permanent Return: What Determines Different Forms of Migration? Florin Vadean, Matloob Piracha, University of Kent Discussant: Thomas Knapp

Documented and Undocumented Migration: A Theoretical Exploration of their Relationship Peter Schaeffer, West Virginia University, *Discussant*: David McGranahan

#### Session 3B: Special Session: ARC- Economic Diversification/ Mine Reclamation/ Reforestation: Salon B

Chair/Discussant: David Carrier, ARC

Coal Mined Lands in Appalachia and Potential for Reforestation: Current Scientific Knowledge and Status James A. Burger, Carl E. Zipper, Virginia Tech, Patrick N. Angel, USDI, Office of Surface Mining

The Decline of Central Appalachian Coal and the Need for Economic Diversification Rory McIlmoil, Evan Hansen, Downstream Strategies

Restoring Forests on Coal-Mined Land: The Appalachian Regional Reforestation Initiative Patrick Angel, USDI Office of Surface Mining, Carl E. Zipper, James A. Burger, Virginia Tech, Christopher Barton, University of Kentucky

#### Session 3C: Culture, Entrepreneurship, and Development II: Salon C

Chair: Amitrajeet A. Batabyal, Rochester Institute of Technology

Private Information, Entrepreneurial Investment, and Debt Repayment in an Open Regional Economy Amitrajeet A. Batabyal, Rochester Institute of Technology Discussant: Michael William-Patrick Fortunato

The Demand for Historic Preservation David Clark, Marquette University, John Carruthers, Michael Tealdi *Discussant:* Amitrajeet A. Batabyal

The Individual-Institutional-Opportunity Nexus in Entrepreneurship: Bridging Perspectives in Entrepreneurship and Local Economic Development Michael William-Patrick Fortunato, The Pennsylvania State University, Diane K. McLaughlin, Theodore R. Alter

Discussant: David Clark

#### Session 3D: Special Session: Studying Local Food Systems: Data, Indices, and Case Studies: Salon D Organizer: USDA-Economic Research Service Chair: Sarah A. Low, USDA

A Case Study Approach to Examining the Structure and Performance of Local Food Supply Chains Michael Hand, USDA/ERS/RRED/RESP *Discussant:* Mallory Rahe

Census of Agriculture & ARMS: Analysis of Farm Business and Household Participation in Local Food Economies Shellye Clark, USDA/ERS/RRED/FRB Discussant: Steve Vogel

Creating an Index of Food Localization: Challenges and Realities Luanne Lohr, USDA/ERS/MTED/FSC Discussant: Sarah Low

#### Session 3E: NE1029: Rural Change: Markets, Governance and Quality of Life I: Boardroom Chair: David W Hughes, Clemson University

The Internet in Business Activities of Spatially Dispersed Economic Actors Peter Stenberg, Economic Research Service, Mitchell Morehart Discussant: David W. Hughes

Employment, Commuting and Labor Force Changes in Non-metropolitan Minnesota Elizabeth E. Davis, University of Minnesota, Suhyun Jung *Discussant:* Peter Stenberg The Determinants of Entrepreneurial Income in Rural South Carolina David W Hughes, Clemson University, Devin Swindall *Discussant:* Elizabeth E. Davis

#### 12:30PM-2:00PM

#### **Awards Luncheon: Salon EF**

Award of SRSA Fellow Plaque to Judith Stallman and Andrew Isserman SRSA Fellow's Address by Judith Stallman: "Institutions, Comparative Research and Regional Science" and Andrew Isserman: "Not So Easy Pieces"

#### 2:15PM-4:00PM

#### Session 4A: Special Session: Migration II- Rural Migration: Salon A

Chair: Peter Schaeffer, West Virginia University Organizer: Brian Cushing, West Virginia University

The Impact of Migration on Metro- and Non-metro Marginal Tax Prices for County Government Services James LeSage, Texas State University - San Marcos, Matthew Dominguez, Texas State University - San Marcos,

Discussant: Dan Rickman

Rural Homeownership and Labor Mobility in the U.S. Maureen Kilkenny, University of Nevada, Dan Monchuk, University of Southern Mississippi, Euan Phimister, University of Aberdeen, *Discussant:* Nancy White

Natural Amenities and Rural Demographic Change David McGranahan, Economic Research Service, USDA *Discussant*: Richard Cebula

#### Session 4B: Special Session: ARC: Sustainable Economic Development/ Triple Bottom Line: Salon B

Session Chair: David Carrier, ARC Discussant: Evelyn A. Knight, UKY

Persistent Economic Distress in Central Appalachia: A Comparative County Approach Blake Bedingfield, Bonita Fraley, Justin May, Trey Rosser, Kyle Yarawsky, Christine McMichael, Stephen Lange, Morehead State University

Technological Innovation and the Importance of Economies of Agglomeration and Modular Design: Stimulating Manufacturing Clusters within the Central Appalachian Region Joseph Eric Mathis, Ben Carraux, The JOBS Project

Wealth Creation That Sticks Wayne Fawbush, The Ford Foundation

#### Session 4C: Income Studies: Salon C

Chair: Stephan J. Goetz, Pennsylvania State University

County Location Determinants of the Inc5000 Firms Stephan J. Goetz, David A. Fleming *Discussant:* Tripti Uprety

Measuring Economic Resilience of West Virginia Counties Mulugeta Saare Kahsai, Peter V. Schaeffer, Randall Jackson, Mark Middleton, West Virginia University Discussant: Stephan J. Goetz

Poverty and Place: Is there a need for Place-Based Policies? Evidence from Indonesia Tripti Uprety, Ohio State University *Discussant:* Mulugeta Saare Kahsai

#### Session 4D: Special Session: Spatial Econometrics-Policy Analysis: Salon D

Organizer and Session Chair: Donald J. Lacombe, RRI, West Virginia University

Identifying Geographical Widespread Effects of Landuse on Housing Values and Population Values: Evidence from a Spatial GMM Analysis P. Wilner Jeanty, Ohio State University Discussant: Arzu Sen

The Co-Movement of Mortgage Foreclosure Rate and House Price Depreciation: A Spatial Simultaneous Equation System Leonard Carl Kiefer, Freddie Mac, Hua Kiefer, The Office of the Comptroller of the Currency Discussant: P. Wilner Jeanty

U.S. County Growth: A Bayesian Model Averaging Approach Arzu Sen, West Virginia University Discussant: Leonard Carl Kiefer

#### Session 4E: Special Session: NE1029: Rural Change: Markets, Governance and Quality of Life II: Boardroom

Chair: Alison Davis, University of Kentucky

Is "Going Local" the best strategy for rural communities? Alison Davis, University of Kentucky *Discussant:* Warren Kriesel

Multi-Sector Transition in Local Economies: A Regional Adjustment Model Jason P Brown, Economic Research Service, USDA, Dayton M. Lambert, University of Tennessee Discussant: Alison Davis

A Semivariance Analysis of Spatial Dependence in the Coastal Marshland Context Warren Kriesel Discussant: Jason P. Brown

#### 4:00PM-4:15PM

Coffee Break: Lobby

#### 4:15PM-6:15PM

Session 5A: Special Session: Migration III- Fresh Perspectives on Population Migration: Salon A Chair/Organizer: Brian Cushing, West Virginia University

Does Migration Always lead to Spatial Equilibrium: The Issue of Discounting Frank Goetzke, University of Louisville, Samia Islam, Boise State University, Discussant: Peter Schaeffer

The Returns to Migration and Social Networks Thomas A. Knapp, The Pennsylvania State University, Wilkes-Barre, Nancy E. White, Bucknell University, Amy M. Wolaver, Bucknell University Discussant: Brian Cushing

The Downfall of American Migration Dan S Rickman, Oklahoma State University, Mark D Partridge, Ohio State University, Rose Olfert, University of Saskatchewan, Kamar Ali, University of Saskatchewan Discussant: Robert Dunn

Session 5B: Special Session: Recent Employment Trends from the BLS Quarterly Census of Employment and Wages Program: Salon B Chair: David Talan, Bureau of Labor Statistics

Age Distribution and Survival Rates of Businesses at the State Level Akbar Sadeghi, BLS *Discussant:* David Talan

State Business Employment Dynamics Birth and Death Data Analysis Sherry Konigsberg, Carol Leming, BLS Discussant: Mike McCall

Employment Trends in Large Counties During Recent Boom and Bust Mike McCall, Masanori Shirako, BLS *Discussant:* Akbar Sadeghi

#### Session 5C: Land Use and Land Use Policy: Salon C Chair: Clifford A Lipscomb, Valdosta State University

Sectoral Land Use and Optimal Urban Industrial Mix Perry Burnett *Discussant:* Douglas Harvey Wrenn

Using a Finite Mixture Model of Heterogeneous Households to Delineate Housing Submarkets Clifford A Lipscomb, Valdosta State University, Michael C Farme, Texas Tech University, Michael Shiroya, Eric Belasco Discussant: Perry Burnett Does Development Size Matter: An Empirical Examination of the Pattern and Timing of Large Versus Small Subdivision Development in an Urban-Fringe County Douglas Harvey Wrenn, The Ohio State University Discussant: Clifford A. Lipscomb

#### Session 5D: Special Session: Spatial Econometrics: Theory & Application: Salon D

Organizer and Session Chair: Donald J. Lacombe, RRI, West Virginia University

New Orleans Business Recovery in the Aftermath of Hurricane Katrina James Paul LeSage, Texas State University, R. Kelley Pace Discussant: Michael C Farmer

Inconsistency in Welfare Inferences from Distance Variables in Hedonic Regressions Michael C Farmer, Texas Tech University *Discussant*: Harry H. Kelejian

A Modification and Extension of Kelejian's J-test Harry H. Kelejian, University of Maryland, Gianfranco Piras *Discussant:* James Paul LeSage

#### Session 5E: Special Session: Socio-Economic Analysis of Oil and Gas Industry Dependent Regions: Boardroom

Organizers: Kim Coffman, Minerals Management Service; J. Matthew Fannin, Louisiana State University Chair: Kim Coffman, Minerals Management Service

Interdistrict Comparisons of Intradistrict School Performance Inequality in Louisiana: 2001-09 Mark J. Schafer, J. Matthew Fannin, Louisiana State University Discussant: Arun Adhikari

Migration Response to Employment Growth: The Case of Employment Change in the Oil and Gas Industry and the Rate of Net Migration in Louisiana Parishes Troy Blanchard, Brett Lehman, and Lisa Winters, Louisiana State University Discussant: Mark J. Schafer

Comparative Analysis of Performance between Spatial and Non Spatial Estimators in Community Policy Analysis Models Arun Adhikari, J. Matthew Fannin, Louisiana State University Discussant: Troy Blanchard

6:30PM-8:30PM

**Reception: Salon F** 

# Saturday, March 27

8:00AM-2:00PM

**Registration: Lobby** 

8:15AM-10:15AM

Session 6A: Government, Taxation, and Public Services I: Salon A Organizer and Chair: Cynthia L. Rogers, University of

Oklahoma

How successful are local fiscal ballot initiatives? Cynthia L. Rogers, University of Oklahoma, Gregory S. Burge, Oklahoma State University Discussant: Dagney Faulk

Empirical Analysis of Caseload Dynamics of Food Stamp Participation in Appalachia Archana Pradhan, Nyakundi Michieka, Tesfa G Gebremedhin, West Virginia University Discussant: Cynthia L. Rogers

Yardstick Competition and Government Political Structure: Evidence From State Welfare Spending Juan Sebastian Leguizamon, West Virginia University *Discussant:* Tesfa G Gebremedhin

The Economic Effects of Property Tax Rate Limits Dagney Faulk, Nalitra Thaiprasert, Michael Hicks, Ball State University *Discussant:* Juan Sebastian Leguizamon

#### Session 6B: Studies in Higher Education: Salon B Chair: Michael L. Lahr, Rutgers University

Higher Education Opportunities and Local Employment Conditions Cristina Lira, The University of Alabama, Samuel Addy, Michaël Bonnal, The University of Tennessee at Chattanooga Discussant: Michael L. Lahr

Marshall's Dilemma: Intangible Assets and European Universities Edward Monroe Bergman, WU *Discussant:* Michael L. Lahr

Town versus Gown: The Effect of a College on Housing Prices and the Tax Base Michael L. Lahr, Rutgers University Discussant: Michaël Bonnal

#### Session 6C: Innovation, Productivity, and Economic Performance: Salon C

Chair: Haifeng Qian, George Mason University

Productivity and the Density of Human Capital Jaison R. Abel, FRB of New York, Ishita Dey, University at Buffalo, Todd Gabe, University of Maine, *Discussant:* Haifeng Qian

The Employment Effects of New Business Formation: A Regional Perspective Huaqun Li, George Mason University *Discussant:* Jaison R. Abel

Business Support Programs in the US: A Spatial Analysis on Business Incubators and Small Business Development Centers Haifeng Qian, Kingsley E. Haynes, George Mason University Discussant: Huaqun Li

#### Session 6D: Rural Development: Salon D

Chair: Margaret Rose Olfert, University of Saskatchewan

The Size and Shape of Rural Household Activity Spaces Michael Keane, NUIGalway *Discussant:* Theodore R. Alter

Rural-to-Urban Commuting: Three Degrees of Integration Margaret Rose Olfert, University of Saskatchewan, Mark D Partridge, Kamar Ali *Discussant:* Michael Keane

Bridging the Digital Divide: USDA-NIFA/NRI Digital Divide Project Michael William-Patrick Fortunato, Sheila S. Sager, Pennsylvania State University, Theodore R. Alter, Jeffrey C. Bridger, William C. Shuffstall Discussant: Margaret Rose Olfert

#### Session 6E: Methods of Applied Regional Analysis: Boardroom

Chair: Junbo Yu, RRI, West Virginia University

The Spatial Dynamics of China's High-tech Industry: an Exploratory Analysis Junbo Yu, RRI, West Virginia University, Peter Nijkamp, Junyang Yuan *Discussant:* David Swenson

Understanding the Spatial Dimensions of the Foreclosure Crisis in California Laurie Schintler, George Mason University, Danilo Pelletiere, National Low Income Housing Coalition Discussant: Junbo Yu

Impacts of Regional Approaches to Rural Development: Initial Evidence on the Delta Regional Authority John L. Pender, Richard Reeder, Economic Research Service, USDA Discussant: Danilo Pelletiere Measuring Regional Energy Exposure and Impacts Using Input-Output Modeling Systems David Swenson, Iowa State University, Eathington Liesl Discussant: John L. Pender

#### 10:15AM-10:30AM

Coffee Break: Lobby

#### 10:30AM-12:15PM

# Session 7A: Migration IV-New Results on Recent Migration: Salon A

Organizer: Brian Cushing, West Virginia University Session Chair: Jing Li, University of Texas at Austin

Inmigration of College Students from 1998 to 2006 Robert Dunn, Washington and Jefferson College *Discussant*: Matloob Piracha

Migration, Economic Freedom and Political Freedom: A Preliminary Analysis Richard Cebula, Armstrong Atlantic State University Discussant: Rose Olfert

What drives intra-county migration: The impact of local fiscal factors on Tiebout Sorting Georg Grassmueck, Lycoming College *Discussant:* Daniel Monchuk

#### Session 7B: Special Session: Bureau of Economic Analysis: Salon B

Organizer/Chair: Robert Brown, Bureau of Economic Analysis

Defined Benefit Pensions and Household Income and Wealth David G. Lenze, Marshall Reinsdorf, BEA *Discussant:* Bettina Aten

Using an Input-Output Framework for Double-Deflated Quarterly U.S. Gross Domestic Product by Industry: Methods, Initial Results, and Future Plans Carol A Robbins, BEA, Brian C Moyer, Thomas F. Howells, III Discussant: David G. Lenze

An Economic Approach to Measuring Real Income Levels of Regions of the United States Bettina Aten, Marshall Reinsdorf, BEA *Discussant:* Carol A. Robbins

#### Session 7C: Regional and Urban Development: Salon C

Chair: John E. Connaughton, University of North Carolina Charlotte

Regional Economic Impact of the 2008/2009 Recession John E. Connaughton, Ronald A Madsen, University of North Carolina Charlotte *Discussant:* Christian E. Malagon Comparing and Contrasting U.S. National, Regional and State-Level Income Inequality: 2000-2007 John James Hisnanick, US Census Bureau *Discussant:* John E. Connaughton

Location Premiums in the Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Area Housing Market

Christian E. Malagon, Housing and Urban Development *Discussant:* John James Hisnanick

#### Session 7D: Transporation I: Salon D

Chair: Karen S. Hamrick, Economic Research Service

The Time Cost of Access to Food: Distance to the Grocery Store Measured in Minutes Karen S. Hamrick, Economic Research Service, USDA, David Hopkins, Rachel Krantz-Kent *Discussant:* Zhaoya Gong

Policy Legacy Shadows of Transportation Infrastructure Investment and Automobile Ownership Frank Goetzke, University of Louisville, Rachel Weinberger, The University of Pennsylvania Discussant: Karen S. Hamrick

Spatial Choice Modeling with an ART-P-MAP Neural Network Zhaoya Gong, University of North Carolina at Charlotte, Jean-Claude Thill

#### Session 7E: Industry Studies, Boardroom

Chair: David Bieri, Virginia Tech

The Organization and Spatial Structure of the Modeling and Simulation Industry in the Southeast John R. Lombard, Old Dominion University *Discussant:* Michael Olsson

Regional Real Exchange Rates and the PPP Puzzle: Is Quality-of-Life Part of the Answer? David Bieri, Virginia Tech *Discussant:* John R. Lombard

Free versus monitored job search Michael Olsson, University of Skövde *Discussant:* David Bieri

#### 12:30PM-1:45PM

# Presidential Luncheon and SRSA Business Meeting: Salon EF

John Connaughton, University of North Carolina, Charlotte, SRSA President's Address: "The Regional Impact of the Recession"



Session 8A: Government, Taxation, and Public Services II: Salon A

Chair: Santiago M. Pinto, West Virginia University

The Impact of City-County Consolidation on Local Government Employment and Expenditures Georg Grassmueck, Lycoming College, Dagney Faulk, Ball State University Discussant: Mark J. Kutzbach

Corporate Profit Tax, Formula Apportionment, and Multinational Firms Santiago M. Pinto, West Virginia University *Discussant:* Dagney Faulk

E-Government Performance in Guam: The Case of Vehicle Registration Renewal Ning Li, University of Guam *Discussant:* Santiago Pinto

Access to workers or employers? An intra-urban comparison of labor market pooling and productivity spillovers as sources of agglomeration Mark J. Kutzbach *Discussant:* Ning Li

#### Session 8B: Health: Salon B

Chair: Cristina Miller, University of Illinois

The Determinants of Patient Migration Patterns in Regional Economies Johnathan Garland Munn, Francis Marion University Discussant: Mark L. Burkey

Changes in Cost Efficiency of Hospitals that Converted to Critical Access Hospital Status I. Cristian Nedelea, Louisiana State University, J. Matthew Fannin, Louisiana State University Agriculture Center, James N. Barnes Discussant: Johnathan Garland Munn

Geographical Accessibility to Rural Hospitals in Illinois: A Kernel Density Analysis Cristina Miller, University of Illinois Discussant: I. Cristian Nedelea

Decomposing Geographic Accessibility into Component Parts: Methods and an Application to Hospitals Mark L. Burkey, North Carolina A&T State University Discussant: Cristina Miller

#### Session 8C: Transportation II: Salon C

Chair: Dennis Phillip Robinson, CPAC-University of Missouri

Effect of gas prices on VMTs (Vehicle Miles Travelled): An exploratory traffic pattern analysis of regional traffic with Google search indices and Granger causality Kingsley Edwin Haynes, George Mason University, Rajendra G. Kulkarni, Roger R. Stough Discussant: Brian W. Sloboda

A County-Level Simultaneous Spatial Econometric Model of Transportation Infrastructure Provision and Economic/Population Growth Dennis Phillip Robinson, CPAC-University of Missouri, Thomas G Johnson Discussant: Kingsley Edwin Haynes

Development of a Tourism Demand Model for Indonesia Brian W Sloboda, US Postal Service, Cynthia Haliemun, Quincy University Discussant: Dennis Phillip Robinson

#### Session 8D: Issues in Regional Economics: Salon D

Chair: J. Matthew Fannin, Louisiana State University

Media Freedom and Political Instability Sudeshna Pal, Georgia College and State University Discussant: Jose G Vargas-Hernandez

Evaluating the Ability of Local Governments to Finance Disaster Recovery Efforts John D. Barreca, Lousiana State University, J. Matthew Fannin, Louisiana State University Agricultural Center Discussant: Sudeshna Pal

The OECD Anti-Bribery Convention: Changing the Currents of Trade Anna D'Souza, Economic Research Service, USDA *Discussant:* John D. Barreca

Shrinkage of the Corporate Town Atenquique Jose G Vargas-Hernandez, University of Guadalajara *Discussant:* Anna D'Souza

4:00PM

49<sup>th</sup> SRSA Annual Meeting Ends

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Georg     7A     3A       Grassmueck     grassmue@lycoming.edu     8A       Mouhcine     1A     1A       Guettabi     mouhcine.guettabil0@okstate.edu     1A       Cynthia Haliemun     haliecy@quincy.edu     8C       George W.     2A     2A       Hammond     ghammond@wvu.edu     7D       Karen S Hamrick     khamrick@ers.usda.gov     3D			7D	7D	
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# Marriott Crystal City Hotel Layout



# The Regional Research Institute at West Virginia University



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Our research focuses on theories and history of regional development, methods for studying regions, and policies for stimulating their development. We seek to advance our understanding of socioeconomic processes and our ability to explain regional differences in rates of growth and levels of development. RRI activities are both national and international in scope. Our area interests cover the globe, with a special focus on our own Appalachian region.

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### Division of Resource Management Interdisciplinary Innovative

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We offer the interdisciplinary PhD in Resource Management and Sustainable Development which consists of four different majors:

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