

## Thursday, November 11

**10:00 AM—12:30 PM**

### **1. Meeting— NARSC Council**

**10:30 AM—12:10 PM**

### **2. Environmental Law and Policy (East)**

**Chair:** Matthias Ruth, University of Maryland

- *On the Optimal Use of Deposit-refund System and Liability for Soil Contamination Damages*, Daisaku Goto, Graduate School of Economics Kyushu University; Moriki HOSOE, Kyushu University
- *Evaluation of Application of Polluter-Pay Principle in Developing Countries: New Principle Developed for Sustainable Development*, ADEWALE olubukola oparinde, university of lagos,
- *An Under-utilized Policy Evaluation Tool? New Opportunities for Environmental Input-Output Analysis in North America.*, Jonathan Norman, University of Toronto; DiFrancesco J. Richard, Department of Geography & Program in Planning; Heather L. MacLean, University of Toronto
- *Climate Impacts and Adaptation Strategies for Maryland`s Energy Sector*, Matthias Ruth, University of Maryland

#### **Discussants:**

ADEWALE olubukola oparinde, university of lagos,  
Daisaku Goto, Graduate School of Economics Kyushu University  
Matthias Ruth, University of Maryland  
Jonathan Norman, University of Toronto

### **3. Firms and Institutions (Washington)**

**Chair:** Andrew F Haughwout, Federal Reserve Bank of New York

- *State and metropolitan differences in economic agents: Public, private, and non-profit hospitals in the US*, Claire Pavlik, University of Iowa Department of Geography
- *The Effect of Foreign Multinationals on Manufacturing Head Office Employment in Canada, 1973-1999*, W. Mark Brown, Micro-Economic Analysis Division, Statistics Canada; John R. Baldwin, Micro-Economic Analysis Division, Statistics Canada
- *A locational analysis of small US firms by state*, Brain Ceh, Indiana State University

**Discussants:**

W. Mark Brown, Micro-Economic Analysis Division, Statistics Canada  
 Brain Ceh, Indiana State University  
 Andrew F Haughwout, Federal Reserve Bank of New York

**4. Location Modeling I: Land Use Design (West)**

**Chair:** Charles S. ReVelle, Johns Hopkins University

- *Optimal reserve site selection with multiple levels of protection*, Justin C. Williams, Johns Hopkins University; Charles S. ReVelle, Johns Hopkins University; Wenjie Song, Johns Hopkins University
- *Optimizing spatial contiguity in land use modeling*, Xiaolan Wu, The Ohio State University; Alan T Murray, The Ohio State University
- *A Patch-Based Conservation Siting Problem*, Richard L Church, University of California, Santa Barbara; Ross Allen Gerrard, University of California, Santa Barbara; Richard Stephen Middleton, University of California, Santa Barbara
- *Protecting Species Habitat by Representational Success*, Scott A. Malcolm; Charles S. ReVelle, Johns Hopkins University

**Discussants:**

Xiaolan Wu, The Ohio State University  
 Timothy C. Matisziw, The Ohio State University  
 Scott A. Malcolm  
 Richard L Church, University of California, Santa Barbara

**5. Re-Evaluating Regional Economic Assets in Post-Commodity Economies (Municipal)**

Special Session II Special Session II: Roundtable Mark Drabenstott Stephan Weiler Sarah Low Andrew Bernat Ray Bollman Mark Henry Tom Johnson Randall Kempner Maureen Kilkenney David Sears Dan Rickman Mark Partridge

- , Mark Partridge, University of Saskatchewan
- , Maureen Kilkenney, Iowa State University
- , Randall Kempner, Council on Competitiveness
- , Tom Johnson, University of Missouri
- , Mark Henry, Clemson University
- , Ray Bollman, Statistics Canada

- , Sarah Low, Center for the Study of Rural America (Federal Reserve)
- , Stephan Weiler
- , Mark Drabenstott, Center for the Study of Rural America (Federal Reserve)
- Andrew Bernat, BEA
- David Sears, USDA/Rural Development
- Dan Rickman, Oklahoma State U and U of Saskatchewan

## 6. Resource Analysis (Marion)

**Chair:** Kurt Van Dender, Univ of California-Irvine

- *Multistage Hierarchical Optimization Approach to Control Nonpoint Source Water Pollution*, In-Young Yeo, The Ohio State University; Jean-Michel Guldmann, Ohio State University; Steven I. Gordon, Ohio State University
- *Predictive mapping of vehicle-emitted carbon monoxide in urban areas*, Pavlos S Kanaroglou, School of Geography and Geology, McMaster University; Dimitris Potoglou, McMaster University
- *Modelling Efficiency of Irrigation Water Supply in Dry and Humid Regions: A Case Study of Mauritius*, Yeti Nisha Madhoo, University of Mauritius
- *Transportation Effects of Regulating Greenhouse Gases in California*, Kenneth A Small, Univ. of Calif. at Irvine; Kurt Van Dender, Univ of California-Irvine

### **Discussants:**

Pavlos S Kanaroglou, School of Geography and Geology, McMaster University  
 In-Young Yeo, The Ohio State University  
 Kurt Van Dender, Univ of California-Irvine  
 Yeti Nisha Madhoo, University of Mauritius

## 7. Spatial Statistics (Superior)

**Chair:** John E. Abraham, University of Calgary

- *Properties of Markov-based tests in presence of spatial effects*, Sergio J. Rey, San Diego State University; Julie Le Gallo, IERSO Université de Bordeaux IV
- *Spanish unemployment: Normative versus analytical regionalisation procedures*, Juan Carlos Duque, University of Barcelona; Raúl Ramos, University of Barcelona
- *The Impact of E.U. Regional Support on Growth and Convergence*, Sandy Dall`erba, Regional Economics Applications Laboratory; Julie Le Gallo, IERSO Université de Bordeaux IV
- *A system for spatial economic microsimulation*, John E. Abraham, University of Calgary; Peter D. Wilson, University of Calgary; John Douglas Hunt, University of Calgary

### **Discussants:**

John E. Abraham, University of Calgary  
 Sandy Dall`erba, Regional Economics Applications Laboratory

Juan Carlos Duque, University of Barcelona  
Sergio J. Rey, San Diego State University

## **8. Technology, Information, and R&D I (Federal)**

**Chair:** Doug Woodward, University of South Carolina

- *High-Technology Agglomerations and Wage Inequalities*, Elsie Lucia Echeverri-Carroll, University of Texas at Austin; Sofia Ayala, University of Texas at Austin
- *Do clusters matter for innovation and growth? The case of biotechnology in the Netherlands*, Marina van Geenhuizen, Faculty of Technology, Policy and Management; Delft University of Technology; Leo Reyes-Gonzalez, Policy Studies; Carnegie Mellon University
- *Beyond the Silicon Valley: Patents, University R&D, and High-Technology Location*, Doug Woodward, University of South Carolina; Octávio Figueiredo, Universidade do Porto and CEMPRE; Paulo Guimarães, Universidade do Minho and CEMPRE

### **Discussants:**

Doug Woodward, University of South Carolina  
Elsie Lucia Echeverri-Carroll, University of Texas at Austin  
Marina van Geenhuizen, Faculty of Technology, Policy and Management; Delft University of Technology

## **9. Transitional Economy Studies (State)**

**Chair:** Suahasil Nazara, University of Indonesia

- *Corruption, Bribery, and Wait Times in the Public Allocation of Goods in Developing Countries*, Amitrajeet A Batabyal, Rochester Institute of Technology; Seung Jick Yoo, Korea Energy Economics Institute
- *Structural Change in Indonesian Manufacture: Input-Output Evidence during the 30 Years of Economic Development*, Suahasil Nazara, University of Indonesia
- *Trade, Foreign Direct Investment and Growth: Evidence from Transition Economies*, Hiranya Nath, Sam Houston University
- *Firm Location Choice and Agglomeration Economies: The Case of Foreign Direct Investment in Romania*, Ioan Voicu, Furman Ctr. for Real Estate and Urban Policy - New York Univ.; Christian A L Hilber, London School of Economics

### **Discussants:**

Suahasil Nazara, University of Indonesia  
Amitrajeet A Batabyal, Rochester Institute of Technology  
Ioan Voicu, Furman Ctr. for Real Estate and Urban Policy - New York Univ.  
Hiranya Nath, Sam Houston University

## **10. Urban Transportation (North)**

**Chair:** Irene Casas, Geography Department

- *A Micro-location Model of Public Investment in Pedestrian Safety Capital*, David Lenze, BEA/US Dept. of Commerce
- *Space-Time Constraints and their Effects on Reaction to Congestion Choices during the Commute Trip*, Irene Casas, Geography Department
- *Choosing Congestion Pricing Policy: Cordon Tolls vs. Link-Based Tolls*, Elena Safirova, Resources for the Future; Kenneth Gillingham, RFF; Winston Harrington, RFF; Peter B Nelson, Department of Geography, Middlebury College; Abram Lipman, RFF
- *Intelligent Transport System (ITS) Management Using Boolean Networks*, Kingsley E. Haynes, George Mason University; Rajendra G. Kulkarni, George Mason University; Laurie A. Schintler, George Mason University; Roger R. Stough, George Mason University

**Discussants:**

Kingsley E. Haynes, George Mason University  
Elena Safirova, Resources for the Future  
David Lenze, BEA/US Dept. of Commerce  
Irene Casas, Geography Department

### **3:30 PM—5:10 PM**

#### **11. Human/Social Capital (Marion)**

**Chair:** Christian A L Hilber, London School of Economics

- *Why Does Homeownership Affect Social Capital? The Role of Land Availability and Mobility*, Christian A L Hilber, London School of Economics
- *Human Capital Cross-Market Effects: Evidence from a Hedonic Property Value Model*, Clifford Allen Lipscomb, Bureau of Economic Analysis
- *A discrete choice approach to modeling social influence on individual decision making*, Antonio Paez, McMaster University; Darren M. Scott, McMaster University

**Discussants:**

Antonio Paez, McMaster University  
Christian A L Hilber, London School of Economics  
Clifford Allen Lipscomb, Bureau of Economic Analysis

#### **12. Interregional Economic Growth I (Superior)**

**Chair:** Roberto Patuelli, George Mason University

- *The Contribution of Structural Funds to Economic Growth in Italian Objective 1 Regions*, Marco Percoco, Bocconi University
- *Longitudinal Analyses of US Regional Employment Cycle Phases, 1975-2000*, Deron Ferguson, University of Washington
- *New Experiments with Learning Models for Regional Labour Market Forecasting*, Roberto Patuelli, George Mason University; Simonetta Longhi, Free University Amsterdam; Aura Reggiani, University of Bologna, Italy; Peter Nijkamp, Free University Amsterdam, The Netherlands; Uwe Blien, IAB
- *Interaction of Regional Population and Employment: Identifying Short-Run Effects and Equilibrium Adjustment*, Wouter Vermeulen, Free University Amsterdam; Jos van Ommeren, Free University

**Discussants:**

Deron Ferguson, University of Washington  
 Marco Percoco, Bocconi University  
 John Kort, BEA  
 Roberto Patuelli, George Mason University

**13. Location Modeling II: Vulnerable and Critical Infrastructure I (East)**

**Chair:** Alan T Murray, The Ohio State University

- *Vital Nodes, Interconnected Infrastructures and the Geographies of Cascading Failure*, Tony H Grubestic, University of Cincinnati; Alan T Murray, The Ohio State University
- *Conducting Failure Simulations on Large, Complex Networks Using GIS*, Laurie A. Schintler, George Mason University; Rajendra G. Kulkarni, George Mason University; Roger R. Stough, George Mason University
- *Modeling the Geography of Accessibility and Connectivity of Regional Telecommunications Infrastructure: a Voronoi-based Approach*, Guoray Cai, Pennsylvania State University
- *Protecting Critical Assets Against Intentional Harm*, Richard L Church, University of California, Santa Barbara; Maria P Scaparra, Department of Geography, University of California, Santa Barbara

**Discussants:**

Laurie A. Schintler, George Mason University  
 Stephanie E Chang, University of British Columbia  
 Tony H Grubestic, University of Cincinnati  
 Sean P Gorman, George Mason University

**14. Rural Development I: Rural Entrepreneurship (Municipal)**

**Chair:** Eric Scorsone, University of Kentucky

Paper session

- *Investigating Credit Risk Among Rural Microfinance Entrepreneurs*, Eric Scorsone, University of Kentucky

- *Who Are The Rural Entrepreneurs?*, Jason Henderson, Federal Reserve Bank of Kansas City
- *Factors Influencing Venture Capital Availability in Rural States: Possible Lessons Learned from West Virginia*, David Hughes, West Virginia University
- *Where Are the High-Value Entrepreneurs?*, Sarah Low, Center for the Study of Rural America (Federal Reserve); Stephan Weiler

**Discussants:**

David Hughes, West Virginia University  
 Eric Scorsone, University of Kentucky  
 Sarah Low, Center for the Study of Rural America (Federal Reserve)  
 Jason Henderson, Federal Reserve Bank of Kansas City

**15. Trade I (Federal)**

**Chair:** Eduardo Haddad, University of Sao Paulo

- *Oil and Natural Gas Development in Eastern Russia and the Potential for a Cross Border Growth Quadrangle -- Russia, China, Japan, & Koreas*, Katharine Riker, Western Washington University
- *Trade Liberalization and Regional Inequality: Do Transportation Costs Impose a Spatial Poverty Trap?*, Eduardo Haddad, University of Sao Paulo; Fernando Salgueiro Perobelli, Federal University of Juiz de Fora
- *A Game Theoretic Analysis of Tariffs, Dynamic Inconsistency, Resource Conservation, and Trade*, Amitrajeet A Batabyal, Rochester Institute of Technology
- *Regional Labor Subsidies*, Stein Eirik Oestbye, Dept of Economics, University of Tromso (Currently Western Washington University)

**Discussants:**

Amitrajeet A Batabyal, Rochester Institute of Technology  
 Stein Eirik Oestbye, Dept of Economics, University of Tromso (Currently Western Washington University)  
 Katharine Riker, Western Washington University  
 Eduardo Haddad, University of Sao Paulo

**16. Transportation Networks (North)**

**Chair:** Aisling J. Reynolds\_Feighan, University College Dublin

- *Transport Network Degeneration Model: An agent-based simulation study*, FENG XIE, Department of Civil Engineering, University of Minnesota; David Levinson, Department of Civil Engineering, University of Minnesota
- *Geographic Changes in Market Share of the US Domestic Airlines*, Jun Yan, Department of Geography & Geology, Western Kentucky University; Jean-Claude Thill, SUNY at Buffalo
- *Transportation Cost Advantages in Foreign Trade: The Case of Intermodal Infrastructure in the United States*, Hyunwoo Lim, State University of New York at Buffalo; Jean-Claude Thill, SUNY at Buffalo

- *Competition between airline networks*, Aisling J. Reynolds\_Feighan, University College Dublin

**Discussants:**

Hyunwoo Lim, State University of New York at Buffalo  
 Aisling J. Reynolds\_Feighan, University College Dublin  
 FENG XIE, Department of Civil Engineering, University of Minnesota  
 Jun Yan, Department of Geography & Geology, Western Kentucky University

**17. Urban Agglomeration I (Washington)**

**Chair:** Henry Charles Renski, University of North Carolina Chapel Hill

- *Urban and Industry Size versus Spatially-Disaggregate Indicators as Measures of Agglomeration Economies*, Henry Charles Renski, University of North Carolina Chapel Hill; Edward J Feser, University of Illinois, Urbana-Champaign
- *Agglomeration and Dispersion in the Ile-De-France Region: An Exploratory Spatial Analysis*, Julie Le Gallo, IERSO Université de Bordeaux IV; Rachel Guillain, LEG-TheMA Université de Bourgogne
- *Agglomeration in a vertically-related oligopoly*, José Pedro Pontes, ISEG, Technical University of Lisbon

**Discussants:**

José Pedro Pontes, ISEG, Technical University of Lisbon  
 Henry Charles Renski, University of North Carolina Chapel Hill  
 Julie LeGallo, Université de Bordeaux

**18. Urban Amenities I (West)**

**Chair:** Brian Joseph Cushing, West Virginia University

- *Location-Specific Amenities, Equilibrium, and Constraints on Location Choices*, Brian Joseph Cushing, West Virginia University
- *The Variable Value of Open Space: Estimating the Impact of the Catawba Regional Trail in a Metropolitan, Micropolitan, And Rural Area*, Darla K Munroe, Ohio State University; Harrison S. Campbell, University of North Carolina-Charlotte
- *Quality of Life Foresight in Mid-Sized Urban Areas -- Delphi Case Study in Japan and USA*, Patrick Henry Buckley, Western Washington University; Akio Takahashi, Meiji University
- *Resource Misallocation from Goods Misvaluation: When Psychological Underpinnings of Demand "Matter"*, Philip E. Graves, University of Colorado

**Discussants:**

Patrick Henry Buckley, Western Washington University  
 Philip E. Graves, University of Colorado  
 Darla K Munroe, Ohio State University  
 Brian Joseph Cushing, West Virginia University



**5:00 PM—6:00 PM**

**19. Reception— Reception**

**6:30 PM—8:00 PM**

**20. Meeting— SRSA Council (Marion)**

**21. Meeting— WRSA Council (GovernorSuite)**

**Friday, November 12**

**8:30 AM—10:00 AM**

**22. Meeting— RSAI Long-Range Planning Breakfast Long-Range Planning  
Breakfast NARSC (Council) (Visions)**

**8:30 AM—10:10 AM**

**23. Econometrics (Superior)**

**Chair:** Luc Anselin, University of Illinois

- *How Large is Large Enough: A Comparison of Alternative Approaches to Asymptotics in Spatial Econometrics.*, Luc Anselin, University of Illinois; Pradosh Simlai, University of Illinois
- *Spatial Econometric Models for Panel Satellite Data: New Methods for Application*, Chris Frazier, U. Texas at Austin; Kara M Kockelman, Univ. of Texas at Austin
- *Spatial Econometric Techniques in the Context of Regional Forecasting: An Application on the West German Labor Market*, Simonetta Longhi, Free University Amsterdam; Peter Nijkamp, Free University Amsterdam, The Netherlands; Aura Reggiani, University of Bologna, Italy
- *An Equation by Any Other Name Is Still the Same: Spatial Statistics and Spatial Econometrics*, Daniel A Griffith, University of Miami; Jean H. P. Paelinck, George Mason U.

**Discussants:**

Daniel A Griffith, University of Miami  
 Simonetta Longhi, Free University Amsterdam  
 Kara M Kockelman, Univ. of Texas at Austin  
 Luc Anselin, University of Illinois

**24. Intrametropolitan Transportation (North)**

**Chair:** David Boyce, Northwestern University

- *Road pricing with autonomous links*, Lei Zhang, Dept. of Civil Engineering, Univ. of Minnesota; David Levinson, Department of Civil Engineering, University of Minnesota
- *Modelling external effects in an interregional General Equilibrium Model*, Morten Larsen, Institut of Local Government Studies; Bjarne Hartz Madsen, Institut of Local Government Studies; Chris Jensen-Butler, University of St. Andrews
- *The Pricing of Delivery Services*, Charles Arthur Ingene, University of Mississippi; Amiya Basu, Syracuse University; Tridib Mazumdar, Syracuse University
- *Detailed Convergence Properties of the Traffic Assignment Problem*, David Boyce, Northwestern University; Biljana Dekic, Chicago Area Transportation Study; Hillel Bar-Gera, Ben-Gurion University of the Negev

**Discussants:**

Morten Larsen, Institut of Local Government Studies  
 Lei Zhang, Dept. of Civil Engineering, Univ. of Minnesota  
 David Boyce, Northwestern University  
 Charles Arthur Ingene, University of Mississippi

**25. Labor and Income (Federal)**

**Chair:** Michael L Lahr, Rutgers University, CUPR

- *Regional Specialization and Employment Dynamics in Canada*, Khandker Mohammed Nurul Habib, Department of Civil Engineering, University of Toronto; DiFrancesco J. Richard, Department of Geography & Program in Planning
- *Factors of employment growth across Canada, 1971-2001:*, Richard George Shearmur, INRS-UCS Université du Québec; Mario Polèse, INRS-UCS Université du Québec
- *The Effects of Urbanization on Labor Turnover*, Miles M. Finney, California State University, Los Angeles; Janet E. Kohlhase, University of Houston

**Discussants:**

Richard George Shearmur, INRS-UCS Université du Québec  
 Miles M. Finney, California State University, Los Angeles  
 Khandker Mohammed Nurul Habib, Department of Civil Engineering, University of Toronto

**26. Land Use (Marion)**

**Chair:** Richard Weisskoff, University of Miami, Dept of International Studies (Economics)

- *Endogenizing the Reservation Value in Models of Land Development Over Time and Under Uncertainty*, Amitrajeet A Batabyal, Rochester Institute of Technology; Basudeb Biswas, Utah State University
- *A Hybrid IMPLAN and REMI Model for Evaluating Regional Growth for Everglades Restoration*, Richard Weisskoff, University of Miami, Dept of International Studies (Economics)
- *Growth Controls, Real Options and Land Development: Evidence from Seattle*, Chris Cunningham, Syracuse University
- *Land-Use Regulations and the Housing Market in the case of South Korea*, Gi-Don An, West Virginia University

**Discussants:**

Krassimir Kostov, State University of New York  
 Chris Cunningham, Syracuse University  
 Gi-Don An, West Virginia University  
 Richard Weisskoff, University of Miami, Dept of International Studies (Economics)

**27. Location Modeling III: Vulnerable and Critical Infrastructure II (Madison)**

**Chair:** Tony H Grubestic, University of Cincinnati

- *Survivability of Commercial Backbones with Peering: A Case Study of Korean Networks*, Hyun Kim, The Ohio State University; Morton O'Kelly, The Ohio State University
- *Vulnerability Heat Mapping: A Grid-Based Approach to Critical Infrastructure Assessment*, Sean P Gorman, George Mason University; Rajendra G. Kulkarni,

George Mason University; Laurie A. Schintler, George Mason University;  
Roger R. Stough, George Mason University

- *Identifying Critical Infrastructure: The Median and Covering Facility Interdiction Problems*, Richard L Church, University of California, Santa Barbara; Maria P Scaparra, Department of Geography, University of California, Santa Barbara; Richard Stephen Middleton, University of California, Santa Barbara

**Discussants:**

Justin C. Williams, Johns Hopkins University  
Guoray Cai, Pennsylvania State University  
Roger R. Stough, George Mason University

**28. Regional Economic Analysis (West)**

**Chair:** Joaquim J.M. Guilhoto, University of Sao Paulo

- *The Economic Health of Asia: A Temporal Analysis*, Joaquim J.M. Guilhoto, University of Sao Paulo; Dong Guo, UIUC; Michael Sonis, REAL - University of Illinois; Geoff Hewings, University of Illinois
- *The Economic Performance of Small States and Islands: The Importance of Geography*, Harvey Armstrong, The University of Sheffield; Robert Read, The University of Sheffield
- *Linking Regional Science and Urban Economics: Long-Run Interactions among Preferences for Amenities and Public Goods*, Philip E. Graves, University of Colorado
- *National and Regional Structural Changes in India: A Fundamental Economic Structure Approach*, Sudhir K. Thakur, University of North Dakota

**Discussants:**

Jee-Sun Lee, Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign  
Andrew F Haughwout, Federal Reserve Bank of New York  
Joaquim J.M. Guilhoto, University of Sao Paulo  
Philip E. Graves, University of Colorado

**29. Regional Economic Effects of Disasters I (Infrastructure Impacts) (East)**

**Chair:** Yasuhide Okuyama, West Virginia University

This is one of two sessions on modeling the regional economic effects of natural and human-induced disasters. The papers in this session focus on recent developments in modeling transportation and utility infrastructure systems.

- *Identification of Critical Transportation Infrastructure and Retrofit Prioritization for Protection under Unscheduled Events*, Jong Sung Lee, University of Illinois at Urbana-Champaign; Tschangho John Kim, University of Illinois at Urbana-Champaign

- *A Contextual Model of Infrastructure Impacts in Disasters*, Stephanie E Chang, University of British Columbia
- *The Economic Impact of a Terrorist Attack on the Twin Ports of Los Angeles-Long Beach*, Peter Gordon, University of Southern California; James E Moore, University of Southern California; Harry W Richardson, University of Southern California; Qisheng Pan, University of Southern California
- *A SCGE Framework of Economic Loss Assessment Caused by Transport Infrastructure Damage from Catastrophic Earthquakes*, Satoshi Tsuchiya, Kyoto University; Hirokazu Tatano, Kyoto University; Norio Okada, Kyoto University

**Discussants:**

James E Moore, University of Southern California  
 Sam Cole, Department of Urban and Regional Planning: University at Buffalo  
 Scott B Miles, University of Washington  
 Eduardo Haddad, University of Sao Paulo

**30. Regional Macroeconometrics (Municipal)**

- *An Alternative Approach to the Analysis of the U.S. Per Capita Income Convergence*, Mark Partridge, University of Saskatchewan; Ming Chien Lo, St. Cloud State University
- *Does Industry Mix Matter in Regional Business Cycles?*, Yangsu Park, The Bank of Korea; Geoff Hewings, University of Illinois
- *Estimating the Stability of Weighting Matrices in a Time Series Spatial Model*, Harvey Cutler, Colorado State University; Benjamin Widner, Scripps College
- *The Cyclical Behavior of State Employment*, Jerry Carlino, Federal Reserve Bank of Philadelphia; Robert DeFina, Villanova University; Keith Sill, Federal Reserve Bank of Philadelphia

**Discussants:**

Daniel P McMillen, University of Illinois at Chicago  
 Bengte Evenson, University of Nevada, Las Vegas  
 Edward Coulson, Pennsylvania State University  
 Dan Rickman, Oklahoma State U and U of Saskatchewan

**31. Urban Agglomeration II (Washington)**

- *Agglomeration with endogenous transaction costs*, Gilles Duranton, London School of Economics ; Michael Storper, Science-Po and LSE
- *Urban Social Capital*, Robert Helsley, University of British Columbia; William Strange, University of British Columbia
- *Industrial Agglomeration with Urban Congestion Cost*, Shin-Kun Peng, Institute of Economics, Academia Sinica; Jyh-Fa Tsai, Soochow University
- *Industrialization and Urbanization in the Late Nineteenth Century US: Did the Steam Engine Contribute to the Growth of Cities?*, Sukkoo Kim, Washington University in St. Louis and NBER

**Discussants:**

Shin-Kun Peng, Institute of Economics, Academia Sinica  
Diego Puga, University of Toronto  
Stuart Rosenthal, Syracuse University  
Henry Overman, London School of Economics

**32. Urban Form (State)**

**Chair:** Mark W. Horner, The Florida State University

- *Spatial Analysis of Employment Centers: A Comparative Approach of US Metropolitan Areas (1990 and 2000)*, Monica Amaral Haddad, Iowa State University; Julie Le Gallo, IERSO Université de Bordeaux IV
- *Understanding Changes in U.S. Journey-to-Work Travel from 1990 to 2000*, Mark W. Horner, The Florida State University
- *Household Activity/Travel Behavior and Urban Form*, Ronald N Buliung, School of Geography and Geology; Pavlos S Kanaroglou, School of Geography and Geology, McMaster University
- *Public Opinion in Michigan: Implications for the Success of Growth Management and Smart Growth in States with Strong Traditions of Home Rule*, Rayman Mohamed, Wayne State University

**Discussants:**

Mark W. Horner, The Florida State University  
Ronald N Buliung, School of Geography and Geology  
Rayman Mohamed, Wayne State University  
Monica Amaral Haddad, Iowa State University

**10:30 AM—12:10 PM****33. Industrial Productivity (State)**

**Chair:** Kevin T. McNamara, Purdue University, Dept. of Ag.Econ.

- *International convergence and divergence of material input structures: an industry-level perspective*, Erik Dietzenbacher, University of Groningen; Alex R. Hoen, CPB Netherlands Bureau for Economic Policy Analysis; Bart Los, University of Groningen; Jan G. Meist
- *Sectoral Productivity Convergence and Spatial Dependence in Europe*, Julie Le Gallo, IERSO Université de Bordeaux IV; Sandy Dall'Erba, Regional Economics Applications Laboratory
- *Food Industry Manufacturing Investment Flows in the United States*, Kevin T. McNamara, Purdue University, Dept. of Ag.Econ.; Dayton M Lambert, Purdue University; Megan I Garrett, Purdue University
- *Aggregation of Productivity Indices: The Allocative Efficiency Correction*, Thijs ten Raaij, Tilburg University

**Discussants:**

Kevin T. McNamara, Purdue University, Dept. of Ag.Econ.  
Thijs ten Raa, Tilburg University  
Erik Dietzenbacher, University of Groningen  
Julie LeGallo, Universite de Bordeaux

**34. Local Policy and Finance I (East)**

**Chair:** Maureen Kilkenny, Iowa State University

- *Formula apportionment, tax competition, and the provision of local public goods*, Santiago Miguel Pinto, Assistant Professor
- *Migration and Local Fiscal Health*, David E. Clark, Marquette University; William E. Herrin, University of the Pacific; Thomas A. Knapp, Penn State University; Nancy E. White, Bucknell University
- *On the Efficiency of Inefficient Property Taxes*, Thomas Davidoff, UC Berkeley; Saku Aura, University of Missouri
- *Performance and the Density of Public Expenditure*, Maureen Kilkenny, Iowa State University; Monica Amaral Haddad, Iowa State University

**Discussants:**

Maureen Kilkenny, Iowa State University  
Thomas Davidoff, UC Berkeley  
Thomas A. Knapp, Penn State University  
Santiago Miguel Pinto, Assistant Professor

**35. Regional Disparity (Marion)**

**Chair:** Inhyuck "Steve" Ha, Western Carolina University

- *Regional Unemployment Differentials among U.S. Counties*, Inhyuck "Steve" Ha, Western Carolina University
- *Regional Poverty in Michigan: Rural and Urban Difference*, Denys Nizalov, Michigan State University; A.Allan Schmid, MSU
- *Shift Share Analysis and Endogenous Growth Across Queensland`s regions*, Robert J Stimson, University of Queensland; Alistair Robson, University of Queensland
- *Decomposition of Regional Disparity of Labor Productivity: Industrial Mix vs. Labor Resources*, N YAMANO, Central Research Institute of Electric Power Industry; Toru Ohkawara, Central Research Institute of Electric Power Industry

**Discussants:**

Robert J Stimson, University of Queensland  
Inhyuck "Steve" Ha, Western Carolina University  
N YAMANO, Central Research Institute of Electric Power Industry  
Denys Nizalov, Michigan State University

**36. Rural Development II: Amenities and Agglomeration (Municipal)**

**Chair:** Stephan Weiler

Paper session

- *Over-development of rural areas due to non-optimal public good provision in urban centers*, Philip E. Graves, University of Colorado
- *Where does innovative activity locate?*, Michael J. Orlando, Federal Reserve Bank of Kansas City
- *Brownfield Impacts on Housing Values*, Benjamin Widner, Scripps College
- *Who`s on First? Business and Residential Locational Shifts into formerly-rural exurbs*, Jeff A Romine, Denver Regional Council of Govt; Simon Montagu, DRCOG; Matt Barry, DRCOG

**Discussants:**

Jeff A Romine, Denver Regional Council of Govt  
Philip E. Graves, University of Colorado  
Michael J. Orlando, Federal Reserve Bank of Kansas City  
Benjamin Widner, Scripps College

**37. Spatial Statistics II (Superior)**

**Chair:** Raymond Florax, Free University Amsterdam

- *Modeling Contagious and Hierarchical Dependencies in Spatial Econometric Models*, Raymond Florax, Free University Amsterdam; Julie LeGallo, Universite de Bordeaux; Bridgette S. Waldorf, University of Arizona
- *Moncentric or Polycentric Cities? An Exploration of the Largest Metropolitan Areas in the U.S. Using Spatial Autoregressive Population Density Functions.*, David W Wong, George Mason University; Daniel A Griffith, University of Miami
- *The landscape of two Alonso cities when production externality depends on the population accessibilities*, Asao Ando, Tohoku University
- *A test of Cross-Regressive and Spatial Autoregressive models for the estimation of Hedonic Prices*, Krister Sandberg, CERUM and IIASA; Lars G Westin, CERUM

**Discussants:**

David W Wong, George Mason University  
Raymond Florax, Free University Amsterdam  
Krister Sandberg, CERUM and IIASA  
Asao Ando, Tohoku University

**38. Spatial Statistics/Mapping (North)**

**Chair:** Jean-Claude Thill, SUNY at Buffalo

- *Hot Spot Detection in a Network Space*, Ikuho Yamada, SUNY at Buffalo; Jean-Claude Thill, SUNY at Buffalo



- *Beyond flow mapping: exploratory spatial data analysis of origin-destination flows.*, Ibnu Syabri, Institut Teknologi Bandung; Luc Anselin, University of Illinois
- *A new heuristic model for designing analytical regions*, Juan Carlos Duque, University of Barcelona; Richard L Church, University of California, Santa Barbara
- *Cognitive maps in spatial economics: A multidisciplinary approach.*, Nathalie Gaussier, Université Montesquieu Bordeaux IV; Philippe Laroque, Université Cergy Pontoise; Nicolas Cuperlier, Université Cergy Pontoise; Mathias Quoy, Université Cergy Pontoise; Sorin Moga, ENST Brest; Philippe Gaussier, Université Cergy Pontoise

**Discussants:**

Ibnu Syabri, Institut Teknologi Bandung  
 Jean-Claude Thill, SUNY at Buffalo  
 Nathalie Gaussier, Université Montesquieu Bordeaux IV  
 Juan Carlos Duque, University of Barcelona

**39. Trade II (Federal)**

**Chair:** Alan D MacPherson, University at Buffalo

- *Export characteristics of Canadian GIS companies*, Alan D MacPherson, University at Buffalo
- *Export and Regional Interactions: A CGE Approach*, Fernando Salgueiro Perobelli, Federal University of Juiz de Fora; Eduardo Haddad, University of Sao Paulo
- *Alternate Strategies for Managing Resistance to Antibiotics and Pesticides*, Amitrajeet A Batabyal, Rochester Institute of Technology; Peter Nijkamp, Free University Amsterdam, The Netherlands
- *Comparisons of estimation of interregional trade from a national I-O table: the case of Columbia*, Dong Guo, UIUC; Geoff Hewings, University of Illinois; Jaime Alfredo Bonet, Banco de la República (Colombian Central Bank)

**Discussants:**

Fernando Salgueiro Perobelli, Federal University of Juiz de Fora  
 Alan D MacPherson, University at Buffalo  
 Dong Guo, UIUC  
 Amitrajeet A Batabyal, Rochester Institute of Technology

**40. Urban Economic and Trade (Washington)**

- *On the evolution of the spatial economy with multi-unit firms: the impact of IT development*, Masahisa Fujita, Kyoto University; Toshitaka Gokan, Kyoto University
- *Testing the Home Market Effect in a Multi-country World: The Theory*, Takatoshi Tabuchi, University of Tokyo; Kristian Behrens, Université de Bourgogne; Andrea Lamorgese, Bank of Italy; Gianmarco Ottaviano, Università di Bologna

- *Urban System: Spacing and city sizes*, Hesham Abdel-Rahman, University of New Orleans
- *Size, Spacing, and Synchronization of industrial agglomeration*, Tomoya Mori, Institute of Economic Research, Kyoto University; Koji Nishikimi, Institute of Developing Economies; Tony Smith, University of Pennsylvania
- *Stability of Equilibrium City System with Developers*, Y Haradr, Tel Aviv University; David Pinnes, Tel Aviv University

**Discussants:**

Vernon Henderson, Brown University  
 Alex Anas, University of New York at Buffalo  
 Diego Puga, University of Toronto  
 Matthew A. Turner, University of Toronto

**41. Urban Housing I (West)**

**Chair:** Jaewon Lim, Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign

- *Impacts of Housing Vouchers on Non-recipients: a Housing Market Simulation*, Ralph M. Bradburd, Williams College; Stephen Charles Sheppard, Williams College
- *Adapting Schelling's Model of Segregation to an Owner Occupied Housing Market*, Sharon I. O`Donnell, Children`s Nutrition Research Center; Margo Bergman, PSU-Worthington Scranton
- *Estimation of Demand for Housing Services with the Consideration of Migration*, Jaewon Lim, Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign; Jee-Sun Lee, Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign
- *Assessing Discrimination: Residential Segregation and Constraints on Choice in Cuyahoga County, Ohio from 1980 to 2000*, William M Bowen, Cleveland State University; Mukesh Kumar, Jackson State University

**Discussants:**

Jaewon Lim, Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign  
 William M Bowen, Cleveland State University  
 Ralph M. Bradburd, Williams College  
 Sharon I. O`Donnell, Children`s Nutrition Research Center

**12:10 PM—1:30 PM**

**42. RRI Advisory Board (State)**

### 43. Meeting— Regional Research Institute Board Meeting

1:30 PM—3:00 PM

#### 44. Interregional Economic Growth II (Marion)

**Chair:** Ray Bollman, Statistics Canada

- *Is NAFTA Polarizing México? or El Sur También Existe? Spatial Dimensions of México's Post-Liberalization Growth*, Patricio A Aroca, Universidad Catolica del Norte
- *A Comparative Analysis of Leading and Lagging Rural Regions in OECD countries in the 1980s and in the 1990s*, Ray Bollman, Statistics Canada; Ida Terluin, Agricultural Economics Research Institute LEI, The Hague, Netherlands; Jaap Post, Agricultural Economics Research Institute LEI, The Hague, Netherlands; Frans Godeschallk, Agricultural Economics Research Institute LEI, The Hague, Netherlands
- *Amenity-free regional inequality*, Carlos R Azzoni, University of Sao Paulo; Raul Silveira-Neto, Federal University of Pernambuco
- *Fiscal Decentralization and Regional Income Disparities: Evidence From the Colombian Experience*, Jaime Alfredo Bonet, Banco de la República (Colombian Central Bank)

**Discussants:**

Jaime Alfredo Bonet, Banco de la República (Colombian Central Bank)  
Raul Silveira-Neto, Federal University of Pernambuco  
Ray Bollman, Statistics Canada  
Patricio A Aroca, Universidad Catolica del Norte

#### 45. Locations of Service Industries: Studies using Census Micro Data Sets (Superior)

We present the studies that use Census micro data sets to examine location decisions of establishments in service industries including retail and advertising as well as that of headquarters.

- *Spatial Mobility and Geographic Concentration*, James C Davis, U.S. Census Bureau; Mohammad Arzaghi, Brown University
- *Spatial Organization of Firms and Location of Administration*, Yukako Ono, Federal Reserve Bank of Chicago; John Vernon Henderson, Brown University
- *The Evolution of Retail Markets in Micropolitan and Metropolitan Regions*, Shawn D Klimek, U.S. Census Bureau; Ron S Jarmin, U.S. Census Bureau; Javier Miranda, U.S. Census Bureau

- *Knowledge Sharing and Location Decisions: The Case of Advertising Agencies*, Mohammad Arzaghi, Brown University

**Discussants:**

Shawn D Klimek, U.S. Census Bureau  
 Mohammad Arzaghi, Brown University  
 Mohammad Arzaghi, Brown University  
 Yukako Ono, Federal Reserve Bank of Chicago

**46. New Views of Economic Development (Federal)**

**Chair:** Ann R. Markusen, University of Minnesota

- *Evaluating Economic Development: Who Benefits?*, Katherine Cecelia Chalmers, Bowling Green State University
- *Recasting the Creative Class to Identify Rural Potential*, Timothy R. Wojan, Economic Research Service/USDA; David A. McGranahan, Economic Research Service/USDA
- *Urban Artistic Specialization and Economic Development Implications*, Ann R. Markusen, University of Minnesota
- *Urban Diversity and Knowledge Spillovers*, Simon Barnet Firestone, UC Berkeley

**Discussants:**

David A. McGranahan, Economic Research Service/USDA  
 Katherine Cecelia Chalmers, Bowling Green State University  
 Simon Barnet Firestone, UC Berkeley  
 Ann R. Markusen, University of Minnesota

**47. Regional Economic Effects of Disasters II (Economic Modeling) (East)**

**Chair:** Stephanie E Chang, University of British Columbia

This is one of two sessions on modeling the regional economic effects of natural and human-induced disasters. The papers in this session focus on recent developments in economic modeling of disasters.

- *Estimation of Resiliency Factor of Industrial Sector against Multiple Lifeline Disruptions -- Based on questionnaire survey to industries in Tokai Area, Japan*, Yoshio Kajitani, CRIEPI (Japan); Hirokazu Tatano, Kyoto University; Norihiko Yamano, CRIEPI (Japan); Yoshiharu Shumuta, CRIEPI (Japan)
- *Impacts on Production Process from Unscheduled Events or Shocks: A Sequential Interindustry Model Analysis*, Yasuhide Okuyama, West Virginia University; Samia Islam, Boise State University
- *Performance and Protection in an Adaptive Transaction Model*, Sam Cole, Department of Urban and Regional Planning: University at Buffalo; Victoria Razak, Center for the Americas: University at Buffalo
- *Economic Restoration after a Catastrophic Event: Heterogeneous Damages in Infrastructure and Private Capital and Their Effects on Economic Growth*,

Hirokazu Tatano, Kyoto University; Toshitsura Homma, Mitsui-Sumitomo Bank (Japan); Norio Okada, Kyoto University

**Discussants:**

Stephanie E Chang, University of British Columbia  
Yoshio Kajitani, CRIEPI (Japan)  
Hirokazu Tatano, Kyoto University  
Yasuhide Okuyama, West Virginia University

**48. Rural Development: Income (Municipal)**

**Chair:** Peter B Nelson, Department of Geography, Middlebury College

- *A methodology for estimating local and exogenous non-earnings income for economic base analysis in Washington State.*, Andrew J Wenzl, University of Washington
- *Nonearnings Income Migration in the United States - 1975-2000*, Peter B Nelson, Department of Geography, Middlebury College

**Discussants:**

Peter B Nelson, Department of Geography, Middlebury College  
Andrew J Wenzl, University of Washington

**49. Spatial Weighting Models (North)**

**Chair:** Benjamin Widner, Scripps College

- *Spatial structure effects in GWR regression parameters*, Michael Tiefelsdorf, Dept. of Geography - OSU
- *Stepwise` GWR*, Alexander Stewart Fotheringham, National Centre for Geocomputation; Martin Edward Charlton, National Centre for Geocomputation, NUIM, Ireland; Tomoki Nakaya, Dept. of Geography, Ritsumeikan University, Japan; Chris Francis Brunsdon, Dept. of Computer Science, University of Glamorgan, Wales
- *Comparing the Forecast Accuracy for Housing Prices Using Different Spatial Weighting Matrices*, Benjamin Widner, Scripps College; Harvey Cutler, Colorado State University
- *Using Migration Flows to Develop Spatial Weights Matrices: An Italian Fertility Example*, Rachel S. Franklin, University of Maryland, College Park; Michael Tiefelsdorf, Dept. of Geography - OSU

**Discussants:**

Martin Edward Charlton, National Centre for Geocomputation, NUIM, Ireland  
Michael Tiefelsdorf, Dept. of Geography - OSU  
Rachel S. Franklin, University of Maryland, College Park  
Benjamin Widner, Scripps College

**50. Urban Economic; City formation (Washington)**

- *A General Henry George Theorem.*, Richard Arnott, Boston College
- *A Competitive Equilibrium Allocation that is Not in the Core: Alonso`s Discrete Population Model of Land Use.*, Marcus Berliant, University of Washington in St. Louis; Thijs ten Raa, Tilburg University
- *Endogenous City Formation with Production Externalities: Existence of Equilibrium*, Courtney LaFountain, The University of Texas at Arlington
- *Alternative policies of transport network improvements in spatial economy*, Se-il Mun, Kyoto University

**Discussants:**

Marcus Berliant, University of Washington in St. Louis  
 Richard Arnott, Boston College  
 Thijs ten Raa, Tilburg University  
 Courtney LaFountain, The University of Texas at Arlington

**51. Urban Growth Modeling (State)**

**Chair:** Ronald J. McChesney, Ohio State University

- *Using Spatial Econometrics to Analyze Local Growth in Sweden*, Johan Lundberg, Centre for Regional Science (CERUM)
- *Convergence measures of multiple scale urban growth model outputs*, Ronald J. McChesney, Ohio State University
- *Growth in Brazilian Cities*, Cristiano Aguiar Oliveira, Passo Fundo University
- *Cultural heritage and the Swedish policy for regional growth*, Martin Paju, CERUM; Lars G Westin, CERUM

**Discussants:**

Ronald J. McChesney, Ohio State University  
 Johan Lundberg, Centre for Regional Science (CERUM)  
 Martin Paju, CERUM  
 Cristiano Aguiar Oliveira, Passo Fundo University

**52. Urban Housing II (West)**

**Chair:** Rayman Mohamed, Wayne State University

- *Psychological Influences on Decision-Making by Residential Developers When Faced with Riskless Choices*, Rayman Mohamed, Wayne State University
- *Evolution of Residential Property Price Premiums in Metropolitan Brisbane*, Simon Hugh Huston, University of Queensland; Hoon Han, University of Queensland; Tan Yigitcanlar, University of Queensland
- *Regional disparity in Dutch house prices since 1985*, Jan Rouwendal, Free University
- *Japan Residential Market Overview - Tokyo, Osaka, Sapporo and Fukuoka*, John Tofflemire, Sapient Consulting Japan; Lee Meniffee, CB Richard Ellis Investors

**Discussants:**

Simon Hugh Huston, University of Queensland  
Rayman Mohamed, Wayne State University  
John Tofflemire, Sapient Consulting Japan  
jan rouwendal, free university

**3:30 PM—5:10 PM****53. Behavior and the Market Economy (Federal)**

**Chair:** Naoru Koizumi, University of Pennsylvania

- *E-shopping and Off-line Delivery Systems in Korea: Real Space Still Matters*, Woo-kung Huh, Seoul National University; Yena Song, Seoul National University
- *Decision Factors in Mental Health Service Provider Selection and Client Utility Changes Caused by Changes in the Mix of Service Providers*, Naoru Koizumi, University of Pennsylvania; Eri Kuno, University of Pennsylvania
- *Time Inconsistency of Public Investment Based on Cost Benefit Analysis*, Tatsuhito Kono, Tohoku University; Hiromichi Notoya, Tohoku University

**Discussants:**

Naoru Koizumi, University of Pennsylvania  
Tatsuhito Kono, Tohoku University  
Woo-kung Huh, Seoul National University

**54. Clusters I (State)**

**Chair:** Philip McCann, University of Reading

- *Human Capital Flows and Regional Knowledge Assets: A Simultaneous Equation Approach*, Alessandra Faggian, The University of Reading; Philip McCann, University of Reading
- *Clusters, Innovation and Regional Development*, Ian R. Gordon, London School of Economics; Philip McCann, University of Reading
- *Fuzzy Concepts and Fuzzy Borders: A Systematic, Labor-Based Approach to Bounding Industrial Clusters.*, Derik Andreoli, University of Washington
- *The Eastern Cape automotive cluster as an imperative in developing economic and human resource capacity*, Gideon Horn

**Discussants:**

Gideon Horn  
Derik Andreoli, University of Washington  
Ian R. Gordon, London School of Economics  
Alessandra Faggian, The University of Reading

## 55. Local Policy and Finance II (East)

**Chair:** Katherine Cecelia Chalmers, Bowling Green State University

- *The Effect of Differing Tax Structures on Local Economic Growth*, Katherine Cecelia Chalmers, Bowling Green State University; Harvey Cutler, Colorado State University; Walter R Schwarm, West Virginia University
- *Rainy Day Funds for Municipalities estimated with Value at Risk*, Victoria Salin, Texas A&M University; Judith I. Stallmann, University of Missouri
- *Spatial Dimensions of Government Spending in Small Islands - The Case of Mauritius*, Shyam Nath, University of Mauritius
- *The Impact of Supermajority Laws on State and Local Tax Revenues*, Clifford Allen Lipscomb, Bureau of Economic Analysis

### **Discussants:**

Clifford Allen Lipscomb, Bureau of Economic Analysis  
Shyam Nath, University of Mauritius  
Victoria Salin, Texas A&M University  
Katherine Cecelia Chalmers, Bowling Green State University

## 56. Location Modeling IV (Madison)

**Chair:** Morton O'Kelly, The Ohio State University

- *Heuristic Distillation for the  $p$ -Median Problem*, Richard Stephen Middleton, University of California, Santa Barbara; Richard L Church, University of California, Santa Barbara
- *Locational approaches to the placement of stream monitoring stations*, Michael Hearn, Johns Hopkins University; Charles S. ReVelle, Johns Hopkins University; Justin C. Williams, Johns Hopkins University
- *Modeling Continuous Location and Demand in the Coverage of Non-Convex Regions*, Timothy C. Matisziw, The Ohio State University; Alan T Murray, The Ohio State University
- *Spatially Varying Development Mechanisms in the Greater Beijing Area: A Geographically Weighted Regression Investigation*, Danlin Yu, University of Wisconsin-Milwaukee

### **Discussants:**

Richard L Church, University of California, Santa Barbara  
Alexander Stewart Fotheringham, National Centre for Geocomputation  
Charles S. ReVelle, Johns Hopkins University  
Richard Stephen Middleton, University of California, Santa Barbara

## 57. Location Modeling of Industry and Firm Choices (North)

**Chair:** Edward J Feser, University of Illinois, Urbana-Champaign



- *A simple inter-industry specification for identifying benchmark value chains from input-output data*, Edward J Feser, University of Illinois, Urbana-Champaign
- *A Multi-Regional Input-Output Model for Firm Location: An example for the GTA*, Ilan Elgar, University of Toronto; Richard J. DiFrancesco, University of Toronto
- *The Role of Labor Cost in the Location Choices of Japanese Investors in China*, Shaoming Cheng, School of Public Policy, George Mason University
- *The location of firms in the city of Hamilton, Canada: A micro-analytical model approach*, Hanna Francis Maoh, McMaster University; Pavlos S Kanaroglou, School of Geography and Geology, McMaster University

**Discussants:**

Shaoming Cheng, School of Public Policy, George Mason University  
 Hanna Francis Maoh, McMaster University  
 Ilan Elgar, University of Toronto  
 Edward J Feser, University of Illinois, Urbana-Champaign

**58. Rural Development III: Amenities, Disamenities, and Rural Economic Growth (Municipal)**

**Chair:** Brigit Martin, Econsult Corporation

Paper session Brigit Margin, Session Chair

- *Second homes as economic drivers in mountain tourism communities*, Linda Venturoni, Northwest Colorado Council of Governments
- *The Economics of Ghost Towns*, Emily Bonner, Colorado State University
- *Economic, Tourism and Environmental Aspects of Golf in Colorado*, Phil Watson, Colorado State University; Dawn Thilmany, Colorado State University; Steve Davies, Colorado State University
- *Effect of parklands on population growth*, Brigit Martin, Econsult Corporation

**Discussants:**

Emily Bonner, Colorado State University  
 Brigit Martin, Econsult Corporation  
 Linda Venturoni, Northwest Colorado Council of Governments  
 Dawn Thilmany, Colorado State University

**59. Urban Amenities II (Washington)**

The Effects of Urban Amenities on Neighborhoods

- *An Empirical Analysis of Crime and Gentrification*, Arthur O` Sullivan, Lewis and Clark College; Daniel P McMillen, University of Illinois at Chicago
- *The Impact of Changes in Crime Rates on Housing Markets: A Neighborhood Level Analysis*, Robert Greenbaum, Ohio State University; Tricia Petras, Ohio State University; George Tita, University of California, Irvine

- *Central-City Boundary Effects Over the Age of the Highway: Estimates from House Sales in a Two-City Subdivision*, Paul Thorsnes, University of Otago; John Reifel, Grand Valley State University
- *Human Capital, Quality of Life, and the Adjustment Process in American Metropolitan Areas*, John Carruthers, Mundy Associates LLC; Gordon Mulligan, University of Arizona

**Discussants:**

Janet E. Kohlhase, University of Houston  
 Edward Malecki, Ohio State University  
 Marlon Boarnet, University of California, Irvine  
 Edward Coulson, Pennsylvania State University

**60. Urban Population (West)**

**Chair:** Janice Fanning Madden, University of Pennsylvania

- *The role of residential location and housing tenure on unemployment: the case of Lyon (France)*, Claire Dujardin, Université catholique de Louvain; Florence goffette-nagot, gate-cnrs
- *Racial and Income Dynamics of Suburbanization within Large U.S. Metropolitan Areas*, Janice Fanning Madden, University of Pennsylvania
- *Spatial segregation and urban growth in French urban areas, 1990-1999*, Frédéric Gaschet, IERSO (IFReDE-GRES); Julie Le Gallo, IERSO Université de Bordeaux IV
- *Housing and demographics*, Diana Mok, McGill University

**Discussants:**

Diana Mok, McGill University  
 Frédéric Gaschet, IERSO (IFReDE-GRES)  
 Janice Fanning Madden, University of Pennsylvania  
 Claire Dujardin, Université catholique de Louvain

**61. Urban System II (Marion)**

**Chair:** Yuri Mansury, Massachusetts Institute of Technology

- *Explaining the Zipf-Law Pattern of City Systems: An Agent Based Simulation Approach*, Yuri Mansury, Massachusetts Institute of Technology
- *The Evolution of Cities Size Distribution in Brazil: 1936-2000*, Cristiano Aguiar Oliveira, Passo Fundo University
- *Road Pricing Simulations for Austin: Traffic, Land Use and Welfare Impacts*, Surabhi Gupta, U. Texas at Austin; Sukumar Kalmanje, U. Texas at Austin; Kara M Kockelman, Univ. of Texas at Austin
- *ROXY-index Analysis of Spatial Cycles: Long-term Population Changes in Okinawa Prefecture after Its Retrocession to Japan*, Tatsuhiko Kawashima, Gakushuin University

**Discussants:**

Cristiano Aguiar Oliveira, Passo Fundo University  
Yuri Mansury, Massachusetts Institute of Technology  
Tatsuhiko Kawashima, Gakushuin University  
Kara M Kockelman, Univ. of Texas at Austin

**62. Thematic Panel— Applications in Regional Science: Institutional Real Estate Investment (Superior)**

**Chair:** David P. Lindahl, Kennedy Associates Real Estate Counsel

- David P. Lindahl, Kennedy Associates Real Estate Counsel
- James R. DeLisle, University of Washington
- Jeanette I. Rice, Crescent Real Estate Equities
- Lee Menifee, CB Richard Ellis Investors

**5:30 PM—7:30 PM**

**63. Meeting— RSAI Council (Marion)**

**Saturday, November 13**

**8:30 AM—10:10 AM**

**64. Agriculture (Superior)**

**Chair:** Justin Greer Gardner, University of Illinois

- *Estimates of R&D Spillover in U.S. Agriculture Productivity: A Spatial Econometric Approach*, Justin Greer Gardner, University of Illinois; Julie Le Gallo, IERSO Université de Bordeaux IV
- *The existence of spatial variation in the local market's availability of fruits and vegetables*, Sharon I. O'Donnell, Children's Nutrition Research Center;

- Tom Baranowski, Children`s Nutrition Research Center; Michael Harris, Children`s Nutrition Research Center
- *Agriculture & Agribusiness in Europe, America and in the Brazilian 27 States: A Regional Comparison*, Joaquim J.M. Guilhoto, University of Sao Paulo

**Discussants:**

Joaquim J.M. Guilhoto, University of Sao Paulo  
 Justin Greer Gardner, University of Illinois  
 Sharon I. O`Donnell, Children`s Nutrition Research Center

**65. Clusters II (Federal)**

**Chair:** Paul Coomes, University of Louisville

- *Mobilizing Cluster Based Economic Development Programs: Lessons Learned in Designing a Regional Economic Development Strategy*, Michael C. Carroll, Bowling Green State University; Neil Reid, University of Toledo
- *Metropolitan Clusters: Stability of Membership, Time Paths*, Paul Coomes, University of Louisville; Barry Kornstein, University of Louisville
- *Spatial Clustering, Inequality and Income Convergence in the US: 1969 -- 2000*, Mark V. Janikas, San Diego State University; Sergio J. Rey, San Diego State University
- *Geographic Information System: The economic clusters of the Industrial Sector in Mexico*, Alejandro Davila, Universidad de Coahuila

**Discussants:**

Mark V. Janikas, San Diego State University  
 Alejandro Davila, Universidad de Coahuila  
 Michael C. Carroll, Bowling Green State University  
 Paul Coomes, University of Louisville

**66. Local Policy and Amenity (East)**

**Chair:** Ron Cheung, University of British Columbia

- *Social welfare implications of local amenity improvements*, Wilbert Grevers, University of Twente; Anne van der Veen, University of Twente
- *Join the Club - On the Attractiveness of Golf Club Membership*, Johan Lundberg, Centre for Regional Science (CERUM); Sofia Lundberg, Centre for Regional Science (CERUM)
- *Gracing the Land of Elvis and Beale Street: Historic Designation and Property Values in Memphis*, Edward Coulson, Pennsylvania State University; Michael L Lahr, Rutgers University, CUPR
- *Strategic interaction between local governments and private governments: an empirical analysis of homeowners` associations in California*, Ron Cheung, University of British Columbia

**Discussants:**

Ron Cheung, University of British Columbia

Edward Coulson, Pennsylvania State University  
Johan Lundberg, Centre for Regional Science (CERUM)  
Wilbert Grevers, University of Twente

## **67. Rural Development IV: Policy Perspectives (Municipal)**

**Chair:** Eric Thompson, University of Kentucky

Paper Session, Eric Thompson, Session Chair

- *Policy analysis based on Rural Business Cooperative Service work*, Tom Johnson, University of Missouri
- *Utilization of the Mortgage Interest Deduction for Rural and Urban Homeowners*, Scott Houser, Colorado State University
- *The productivity of public infrastructure investment in non-metropolitan versus metropolitan settings*, Eric Thompson, University of Kentucky

### **Discussants:**

Mark Henry, Clemson University  
Thomas Johnson, University of Missouri  
Scott Houser, Colorado State University

## **68. Spatial Analytics (State)**

**Chair:** Antonio Paez, McMaster University

- *Modeling asymmetric non-uniform distance functions*, Herica Sanchez, University of Mexico (UNAM); Servio Tulio Guillen, University of Mexico (UNAM); Eli De la Torre, IIE
- *Spatially weighted regression: exploring space and non-stationarity in multiple contexts*, Antonio Paez, McMaster University
- *Title TBA: Ciro Biderman*, Ciro Biderman
- *An Investigation of Broadband Internet Subscription Using a Dynamic Demand Model*, Xiaoxia Liu, George Mason University

### **Discussants:**

Antonio Paez, McMaster University  
Xiaoxia Liu, George Mason University  
Servio Tulio Guillen, University of Mexico (UNAM)  
Ciro Biderman

## **69. Technology, Information, and R&D II (West)**

**Chair:** Maria Abreu, Free University Amsterdam

- *Does R&D Really Matter?*, Jun Koo, Cleveland State University; Sudeshna Ghosh Banerjee, World Bank
- *Modeling the Spatial Diffusion of Innovation in Rural Regions Using Discrete Choice Models*, Daniel Shefer, Technion - Israel Institute of Technology

- *Who leads and who lags? Trade, Technology Diffusion and Skill in a model of Northern hub vis-à-vis Southern spokes--A Tale of Two Souths.*, Gouranga Gopal Das, Assistant Professor, Dept of Economics and Business, Hanyang University
- *Spatial Patterns of Technology Diffusion: An Empirical Analysis Using TFP*, Maria Abreu, Free University Amsterdam; Henri de Groot, Free University Amsterdam; Raymond Florax, Free University Amsterdam

**Discussants:**

Maria Abreu, Free University Amsterdam  
 Gouranga Gopal Das, Assistant Professor, Dept of Economics and Business, Hanyang University  
 Sarah Low, Center for the Study of Rural America (Federal Reserve)  
 Daniel Shefer, Technion - Israel Institute of Technology

**70. Urban Labor Market (Washington)**

- *Trade Costs versus Urban Costs. Do jobs move to the suburbs or to the sticks?*, Jean Cavailles, INRA; Carl Gaigne, INRA; Jacques Thisse, CORE-UCL and CERAS
- *The Uncertain City: Competitive Instability, Skills, Innovation and the Strategy of Agglomeration*, William Strange, University of British Columbia; Walid Hejazi, University of Toronto; Jianmin Tang, University of Toronto
- *Localization and Innovation: Decentralization in Swedish Higher Education*, Roland Andersson, Royal Institute of Technology Stockholm; John Quigley, University of California Berkeley; Mats Wilhelmsson, Royal Institute of Technology
- *Tracking the effects of local taxation on firm performance using micro-geographic data*, Laurent Gobillon, ucl & Ise; Gilles Duranton, London School of Economics ; Henry Overman, London School of Economics

**Discussants:**

Ping Wang, Vanderbilt University  
 Jacques- Francois Thisse, CORE, CERAS, and CPER.  
 Gilles Duranton, London School of Economics  
 Sukkoo Kim, Washington University in St. Louis and NBER

**10:30 AM—12:10 PM**

**71. Economic Impacts of Transportation Investment (North)**

**Chair:** Samia Islam, Boise State University

- *Evaluation of the TransTexas Corridor Plan: Application of a Random-Utility-Based Multiregional Input-Output Model*, Natalia Ruiz-Juri, U. Texas at Austin; Kara M Kockelman, Univ. of Texas at Austin

- *An Examination of the Differential Impact of Highway Capital Investment on Economically Disparate Appalachian Counties*, Samia Islam, Boise State University
- *Transportation Investment and Economic Development: Empirical Analysis of Regional, County and Municipal Data*, Yossi Berechman, University of British Columbia; Dilruba Ozmen-Ertekin, Rutgers; Kaan Ozbay, Rutgers
- *The spatial economic components of the Oregon2 transportation planning model*, John Douglas Hunt, University of Calgary; John E. Abraham, University of Calgary; Tara J Weidner, PB Consult, Inc.; Carl Batton, Econorthwest; Brian Gregor, Oregon Department of Transportation

**Discussants:**

John Douglas Hunt, University of Calgary  
 Yossi Berechman, University of British Columbia  
 Samia Islam, Boise State University  
 Yossi Berechman, University of British Columbia

**72. Education & Regional Economic Development (State)**

**Chair:** Harvey A Goldstein, University of North Carolina at Chapel Hill

- *Entrepreneurship, Innovation and Endogenous Regional Growth*, T. R. Lakshmanan, Boston University; Lata Chatterjee, Boston University
- *Intellectual Connections between Higher Education and IT-producing Industries in U.S. metropolitan areas: Patent Citation Data Analyses*, Julie (Hyungjoo) Kim, University of Washington
- *Knowledge Accessibility and Regional Economic Growth*, Charlie Karlsson, Jönköping International Business School; Martin Andersson, Jönköping International Business School
- *The Contributions of Institutions of Higher Education to Regional Economic Development*, Harvey A Goldstein, University of North Carolina at Chapel Hill; Josh Drucker, University of North Carolina at Chapel Hill

**Discussants:**

Charlie Karlsson, Jönköping International Business School  
 Harvey A Goldstein, University of North Carolina at Chapel Hill  
 T. R. Lakshmanan, Boston University  
 Julie (Hyungjoo) Kim, University of Washington

**73. Firm Behavior**

**Chair:** John B Parr, University of Glasgow

- *New Food Product Marketing: Factors Associated With Success.*, Antje Wittkopp, Federal Research Centre for Nutrition and Food, Germany; Christoph R. Weiss, Vienna University of Econ. & Bus. Adm, Dept. of Economics; Kevin T. McNamara, Purdue University, Dept. of Ag.Econ.
- *Agglomeration, Transaction Costs, and Location of the Firm*, Gavin A Wood, RMIT University; John B Parr, University of Glasgow

- *The Spatial Distribution of Polluting Industries*, bridget gleeson, Rochester Institute of Technology

**Discussants:**

John B Parr, University of Glasgow  
 bridget gleeson, Rochester Institute of Technology  
 Antje Wittkopp, Federal Research Centre for Nutrition and Food, Germany

**74. Migration (West)**

**Chair:** Alexander C Vias, University of Connecticut

- *Migration, Education and Regional Development in Rural China*, Shuming Bao, University of Michigan; Anqing Shi, The World Bank; Laiwu Luo, Jiangxi Normal University
- *Social and Personal Discount Rates, and Willingness to Move Away in Michigan`s Upper Peninsula*, Scott Loveridge, Michigan State University; Janet Bokemeier, Michigan State Univ; Peter Kakela, Michigan State Univ.
- *Temporal and Spatial Patterns of U.S. Interstate Migration, 1988-2002*, Alexander C Vias, University of Connecticut
- *Evolutionary Immigrant Settlement Systems in Canada: Evidence from the LSIC*, Bruce Newbold, McMaster University

**Discussants:**

Scott Loveridge, Michigan State University  
 Shuming Bao, University of Michigan  
 Bruce Newbold, McMaster University  
 Alexander C Vias, University of Connecticut

**75. Rural Development V: Sectoral Shocks and Flows in Rural Areas (Municipal)**

**Chair:** David Mushinski, Colorado State University

Paper session, David Mushinski, Session Chair

- *Evaluating the Wal-Mart Effect in Colorado*, Wade Hudson, Wagner College
- *Local Economic Integration Factors of Firms, Farms and Households: An Empirical Analysis based on Economic Flows within some European Rural Areas*, Bertrand Schmitt, INRA and INSEAD. Dijon, France
- *Rural retail markets area interdependencies*, David Mushinski, Colorado State University
- *The effects of a WTO shock on agricultural development in rural Norway*, Knut Ingar Westeren, North Trondelag University College, Norway

**Discussants:**

Wade Hudson, Wagner College  
 Bertrand Schmitt, INRA and INSEAD. Dijon, France



David Mushinski, Colorado State University  
Knut Ingar Westeren, North Trondelag University College, Norway

## **76. Seizing the Opportunities of Policy-Relevant Rural/Regional Research (Federal)**

**Chair:** Stephan Weiler

Special Session I Rural Development Sessions Organized by Stephan Weiler  
Keynote Speaker: Mark Drabenstott  
Panel: Michael Sherraden  
OECD senior official Andy Isserman and/or Geoff Hewings  
Moderator: Peter V. Schaeffer

- , Geoff Hewings, University of Illinois
- , Andy Isserman, University of Illinois
- *Keynote*, Mark Drabenstott, Center for the Study of Rural America (Federal Reserve)
- *Keynote*, Vincenzo Spiezia, OECD

## **77. Technology, Information, and R&D III (Superior)**

**Chair:** Lolita A Paff, Penn State Berks - Lehigh Valley College

- *The Spillover Effects of Knowledge Stocks on Patent Production in Rural and Urban Areas*, James M Fannin, Louisiana State University; Tom Johnson, University of Missouri
- *State-level R&D Tax Credit Incentives and Growth*, Lolita A Paff, Penn State Berks - Lehigh Valley College
- *Telecommunications Infrastructure and Economic Development in China*, Lei Ding, School of Public Policy, GMU
- *Technology Sourcing in the United States: the Case of Asian Latecomers*, Jessie P Poon, University at Buffalo-SUNY; Alan D MacPherson, University at Buffalo

### **Discussants:**

Lolita A Paff, Penn State Berks - Lehigh Valley College  
James M Fannin, Louisiana State University  
Jessie P Poon, University at Buffalo-SUNY  
Lei Ding, School of Public Policy, GMU

## **78. Urban Sprawl (Washington)**

- *The Dynamics of City Formation: Financing and Governance.*, Vernon Henderson, Brown University; Anthony Venables, LSE
- *Workings of the Melting Pot: Social Networks and the Evolution of Population Attributes*, Jan Brueckner, University of Illinois at Urbana-Champaign; Oleg Smirnov, University of Illinois at Urbana-Champaign

- *Curbing Excess Sprawl with Congestion Tolls and Urban Boundaries*, Alex Anas, University of New York at Buffalo ; Hyok-Joo Rhee, Seoul National University of Technology
- *The determinants of urban sprawl: A portrait from space*, Marcy Burchfield, Neptis Foundation; Henry Overman, London School of Economics; Diego Puga, University of Toronto; Matthew A. Turner, University of Toronto

**Discussants:**

Masahisa Fujita, Kyoto University  
 William Strange, University of British Columbia  
 Jan Brueckner, University of Illinois at Urbana-Champaign  
 Se-il Mun, Kyoto University

**12:10 PM—2:15 PM**

**79. Reception— Award Luncheon (With Alonso Prize)**

**2:30 PM—4:10 PM**

**80. Disasters & The Environment (East)**

**Chair:** Jungyul Sohn, University of Memphis

- *Evaluating the Significance of Highway Network Links under the Flood Damage: An Accessibility Approach*, Jungyul Sohn, University of Memphis
- *A Simulation Analysis for Optimal Environmental Policy: An Example of the Lake Kasumigaura Basin*, Yoshiro Higano, University of Tsukuba; Takeshi Mizunoya, The Science and Technology Promotion Foundation of Ibaraki; Katsuhiro Sakurai, Institute for Ocean Policy, Ship & Ocean Foundation; Shintaro Kobayashi, University of Tsukuba
- *Application of a Peace Science Method for Mitigating an International Conflict --A Case for the West Bank and Gaza--*, Tad Hara, Cornell University, School of Hotel Administration

**Discussants:**

Tad Hara, Cornell University, School of Hotel Administration  
 Jungyul Sohn, University of Memphis  
 Yoshiro Higano, University of Tsukuba

**81. Economic Implications of a Globalizing World (State)**

**Chair:** Lawrence Brown, Ohio State University

- *Regional Diversity And Pockets Of Specialization In Puerto Rico: 1980-2000*, Luis E Santiago, University of Puerto Rico
- *Determinants of US and EU Airport Passenger Traffic*, Aisling J. Reynolds\_Feighan, University College Dublin; Peter McLay, University College Dublin
- *Small Town Survival: Local Development Trajectories Amidst Global Forces*, Lawrence Brown, Ohio State University; Jon Moore, Utah Valley State College; Linda Lobao, Ohio State University
- *The economic progress of migrants in Brazil: evidences from São Paulo.*, Raul da Mota Silveira Neto, Federal Univ of Pernambuco-Brazil; Andrew M Magalhaes, Federal Univ of Pernambuco-Brazil

**Discussants:**

Raul Silveira-Neto, Federal University of Pernambuco  
Lawrence Brown, Ohio State University  
Aisling J. Reynolds\_Feighan, University College Dublin  
Luis E Santiago, University of Puerto Rico

**82. Implications of Information Technology (Superior)**

**Chair:** Arne Hole, University of St. Andrews

- *Teleworking and Transport: a study of the determinants of the propensity to telework and its intensity*, Arne Hole, University of St. Andrews; Chris Jensen-Butler, University of St. Andrews; Bjarne Hartz Madsen, Institut of Local Government Studies; Lasse Moller Jensen, University of Copenhagen
- *Punctuated Coevolution of Internet Clusters with Their Environment in China: 1994-2003*, Jun Zhang, University of Minnesota
- *Spatial Pattern of ICT Clustering within Metropolitan Areas in U.S.*, Myounggu Kang, Massachusetts Institute of Technology
- *Teleworking and transport: Modelling the regional impacts in an interregional General Equilibrium Model with externalities*, Bjarne Hartz Madsen, Institut of Local Government Studies; Arne Hole, University of St. Andrews; Chris Jensen-Butler, University of St. Andrews; Morten Larsen, Institut of Local Government Studies; Lasse Moller Jensen, University of Copenhagen

**Discussants:**

Myounggu Kang, Massachusetts Institute of Technology  
Bjarne Hartz Madsen, Institut of Local Government Studies  
Arne Hole, University of St. Andrews  
Jun Zhang, University of Minnesota

**83. Interregional Economic Growth III (Marion)**

**Chair:** Jeremiah Allen, University of Lethbridge

- *Impact of Monetary Shocks: Differences Across Regions*, scott edward england, California State University - Fresno
- *Does Migration Eliminate Regional Wage Differentials? Not as Quickly or Easily as Assumed!*, Jeremiah Allen, University of Lethbridge
- *Some Are Different From Others: Does Functional Food Demand Differ From Conventional Food Demand?*, Antje Wittkopp, Federal Research Centre for Nutrition and Food, Germany; Kevin T. McNamara, Purdue University, Dept. of Ag.Econ.
- *State space transformation and optimal allocation of regional development funds in Spain*, Kieran Donaghy, University of Illinois at Urbana-Champaign; Sandy Dall`erba, Regional Economics Applications Laboratory

**Discussants:**

scott edward england, California State University - Fresno  
 Sandy Dall`erba, Regional Economics Applications Laboratory  
 Jeremiah Allen, University of Lethbridge  
 Antje Wittkopp, Federal Research Centre for Nutrition and Food, Germany

**84. Regional Science Data Prospects (Madison)**

- *Towards a National Infrastructure for Community Statistics: Recognizing the Need, Implementing the Vision, Building the Capacity*, Andrew Reamer, Brookings Institute; Pari Sabety, Brookings Institute
- *Interstate trade: a key component in understanding regional growth and development*, Geoff Hewings, University of Illinois; Geoff Hewings, University of Illinois
- *Migration Data: Concept and Measure in an Administrative Records Environment (tentative)*, Kevin Konty, US Census Bureau: Administrative Records
- *How and Why to Improve Economic and Demographic Data for Rural Areas*, Andy Isserman, University of Illinois

**85. Rural Development VI: Rural Poverty and Asset Building (Municipal)**

**Chair:** Peter V Schaeffer, West Virginia University

Paper session, Peter V. Schaeffer, Session Chair

- *Asset Development: A Promising Frame and Policies for Economic Security and Opportunity in Rural America*, Larry W. Beeferman, Brandeis University
- *Asset Building in Rural Communities: The Experience of Individual Development Accounts*, Michal Grinstein-Weiss, Center for Social Development; Jami Curley, Center for Social Development
- *Poverty in Rural and Nonmetropolitan Areas in the United States*, Mark Partridge, University of Saskatchewan; Dan Rickman, Oklahoma State U and U of Saskatchewan
- *Rural Prosperity in the United States*, Andy Isserman, University of Illinois

**Discussants:**

Michal Grinstein-Weiss, Center for Social Development  
Larry W. Beeferman, Brandeis University  
Andy Isserman, University of Illinois  
Dan Rickman, Oklahoma State U and U of Saskatchewan

**86. Sector Studies (North)**

**Chair:** Ronald Kalafsky, University of North Carolina--Charlotte

- *Moral Hazard of Regional Bank and Bailout Policy*, Shinya Shimoda, Graduate Student of Economics: Kyushu University; Moriki HOSOE, Kyushu University
- *Exploring recent trends in manufacturing across the Southeastern United States*, Ronald Kalafsky, University of North Carolina--Charlotte
- *Agglomeration Economies in the Steel Cluster*, Randy Jackson
- *Causes and Correlates of Commercial Bank Consolidation in the United States*, Audrey E Clarke, George Mason University; Jared Hazleton, University of North Texas; Brian P Holly, U.S. Census Bureau

**Discussants:**

Audrey E Clarke, George Mason University  
Randy Jackson  
Ronald Kalafsky, University of North Carolina--Charlotte  
Shinya Shimoda, Graduate Student of Economics: Kyushu University

**87. Services in the New Economy (Federal)**

**Chair:** William B. Beyers, University of Washington

- *The Arts and Development of the Seattle area economy*, William B. Beyers, University of Washington
- *Spatiality, Built Form, and New Industry Development in the Inner City*, Tom Hutton, Centre for Human Settlements, UBC
- *The 'art' of manufacture in a design world: cultural/creative strategies and the production and consumption of design expertise*, John R. Bryson; Peter W. Daniels, University of Birmingham; G. Rusten, Institute for Research in Economics and Business Administration
- *Services Provided by Post-Secondary Education Institutions.*, Julie (Hyungjoo) Kim, University of Washington; James W Harrington, University of Washington

**Discussants:**

Peter W. Daniels, University of Birmingham  
William B. Beyers, University of Washington  
Julie (Hyungjoo) Kim, University of Washington  
Tom Hutton, Centre for Human Settlements, UBC

## 88. Urban System I (Washington)

- *Crime, Ethics and Occupational Choice: Endogenous Sorting in a Closed Model*, John Conley, Vanderbilt University; Ping Wang, Vanderbilt University
- *Landscape Preferences and Patterns of Residential Development*, Matthew A. Turner, University of Toronto
- *Risk and the Valuation of Real Estate*, Krassimir Kostov, State University of New York
- *Old Homes and Poor Neighborhoods: A Model of Urban Decline and Renewal.*, Stuart Rosenthal, Syracuse University

### **Discussants:**

Tomoya Mori, Institute of Economic Research, Kyoto University

Takatoshi Tabuchi, University of Tokyo

Robert Helsley, University of British Columbia

Janet E. Kohlhase, University of Houston

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