

## Wednesday, 11 November 2015

**8:00 AM-5:00 PM**

1. Workshop: Spatial Data Analysis with PySAL and GeoDaSpace *Wednesday Nov 11 | 8:00 AM-5:00 PM | Galleria I*
2. Workshop: Economic Modeling with TERM-USA Using Customized RunGEM (CRunGEM) *Wednesday Nov 11 | 8:00 AM-5:00 PM | Galleria II*

**3:00 PM-5:00 PM**

RSAI Long-Range Planning Committee Meeting (Invitation Only) *Wednesday Nov 11 | 3:00 PM-5:00 PM | Forum Suite*

**4:00 PM-8:30 PM**

Registration *Wednesday Nov 11 | 4:00 PM-8:30 PM | Grand Ballroom Foyer*

**6:45 PM-8:00 PM**

3. Words of Welcome and RSAI Fellows Plenary *Wednesday Nov 11 | 6:45 PM-8:00 PM | Grand Ballroom II*  
Chairs: **Andrés Rodríguez-Pose**, London School of Economics; **David Boyce**, University of Illinois, Chicago
  - *Tales from the Vertical City: Access, Amenities, and Agglomeration*, **William Strange**, University of Toronto

**8:00 PM-9:30 PM**

NARSC Icebreaker Reception *Wednesday Nov 11 | 8:00 PM-9:30 PM | Grand Ballroom I*

## Thursday, 12 November 2015

**7:30 AM-5:30 PM**

Registration and Exhibits *Thursday Nov 12 | 7:30 AM-5:30 PM | Grand Ballroom Foyer*

**8:00 AM-10:00 AM**

NARSC Council Meeting (Invitation Only) *Thursday Nov 12 | 8:00 AM-10:00 AM | Forum Suite*

4. Modeling Environmental Issues I *Thursday Nov 12 | 8:00 AM-10:00 AM | Cabinet Suite*

Chair: **Mitchell R. Livy**, California State University, Fullerton

- *Inter-temporal IO Analysis of Green Growth by Regional Wooden Biomass Resource: A Case of Maniwa City, Japan*, **Ryohei Nakamura**, Public Policy
- *Convergence of Cross-Province Energy Intensity in China*, **Henk Folmer**, University of Groningen
- *Upward Sloping Demand for Residential Electricity Consumption*, **Thomas M. Fullerton**, University of Texas, El Paso; **Ileana M. Resendez**,
- *Development of a Multi-Spatial Residential Sorting Model: Implications for Stormwater Management Policies*, **Mitchell R. Livy**, California State University, Fullerton; **Allen Klaiber**, Ohio State University

**Discussants:**

**Mitchell R. Livy**, California State University, Fullerton

**Ryohei Nakamura**, Public Policy

**Henk Folmer**, University of Groningen

**Thomas M. Fullerton**, University of Texas, El Paso

**5. Determinants and Variations in Wages | Thursday Nov 12 | 8:00 AM-10:00 AM | Council Suite**

**Chair: Kirstin M.E. Munro**, Portland State University

- *The Distribution and Impacts of Wage Theft in Illinois.*, **Joshua M. Drucker**, University of Illinois, Chicago; **Jacob Lesniewski**, Dominican University
- *How Wages in Washington State Have Changed over Time: An Analysis of Unemployment Insurance Data*, **Scott D. Bailey**, Washington State Employment Security Department; **Anneliese Vance-Sherman**, Washington State Employment Security Department
- *Decomposing the Wage Differential between Veterans and Non-Veterans*, **Amanda L. Weinstein**, University of Akron; **Francesco Renna**, University of Akron
- *Over-Education and Earnings in the Portland Metro Area*, **Kirstin M.E. Munro**, Portland State University

**Discussants:**

**Kirstin M.E. Munro**, Portland State University

**Joshua M. Drucker**, University of Illinois, Chicago

**Anneliese Vance-Sherman**, Washington State Employment Security Department

**Amanda L. Weinstein**, University of Akron

**6. Development Challenges and Successes Thursday Nov 12 | 8:00 AM-10:00 AM | Directors Suite**

**Chair: Chia-Ming Yu**, National Tsing Hua University

- *Mining and Education: Evidence from Colombia's Gold Rush*, **Leonardo Bonilla**, University of Illinois, Urbana-Champaign
- *GIS Enabled Asset Management of Gas Distribution Network: A Case Study of Shahdara, Lahore Pakistan.*, **Zia Ul Islam**, University of the Punjab; **Sajid Rashid Ahmad**, University of the Punjab; **Khurram Chohan**, University of the Punjab
- *Shipping Route Choice Across Geographies: Modeling Evidence from European Trade Flows*, **Mona Kashiha**, Boston College; **Jean-Claude F. Thill**, University of North Carolina, Charlotte
- *Where to Locate in Main Global Markets?*, **Wen-Chung Guo**, National Taipei University; **Fu-Chuan Lai**, Academia Sinica; **Chia-Ming Yu**, National Tsing Hua University

**Discussants:**

**Chia-Ming Yu**, National Tsing Hua University

**Leonardo Bonilla**, University of Illinois, Urbana-Champaign

**Zia Ul Islam**, University of the Punjab

**Mona Kashiha**, Boston College

**7. Migration Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria I**

**Chair: Brigitte Waldorf**, Purdue University

- *Living in a Deprived Neighborhood Is a Temporary Stop in Life -- A Danish Case*, **Cecilie Dohmann Weatherall**, Kraksfond the Institute for Urban Economic Research; **Bence Boje-Kovacs**, Krak Institute for Urban Economic Research; **Aske Egsgaard-Pedersen**, Krak Institute for Urban Economic Research
- *Can Empowerment Zones (EZs) Prevent the Rural Brain Drain? An Evaluation of the EZ/EC Program on Rural Migration Trends*, **Clare Y. Cho**, USDA Economic Research Service
- *Can a Regionally Targeted Migration Policy Promote Long-Run Regional Development? - An Application of the Multiregional CGE TERM Model*, **Nhi H. Tran**, Victoria University; **Elisabeth L. Roos**, Victoria University; **James A. Giesecke**, Victoria University; **John R. Madden**, Victoria University
- *A Migration Model of Loss-Aversion: The Role of Economic Prospect and Spatial Referencing*, **Seong Do Yun**, Yale University; **Brigitte Waldorf**, Purdue University

**Discussants:**

**Brigitte Waldorf**, Purdue University  
**Bence Boje-Kovacs**, Krak Institute for Urban Economic Research  
**Clare Y. Cho**, USDA Economic Research Service  
**John R. Madden**, Victoria University

**8. Property Values and Accessibility Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria II**

**Chair: Laura H. Atuesta**, CIDE

- *Impact of Intercity Passenger Rail on Urban Housing Prices: An Investigation from Three Chinese Metropolitan Areas*, **Zhenhua Chen**, University of Southern California; **Kingsley Haynes**, George Mason University
- *Long-Term Impact of Network Access to Bike Facilities and Public Transit Stations on Housing Sales Prices in Portland, Oregon*, **Timothy Welch**, Georgia Institute of Technology; **Steven R. Gehrke**, Portland State University; **Fangru Wang**, Georgia Institute of Technology
- *Impact on Housing Prices of a Circular Large Transport Project in a Polycentric Context: Quantified Case Study of the Grand Paris Express Project*, **Vincent Viguié**, Ecole des Ponts ParisTech; **Nicolas E. Coulombel**, Université Paris Est
- *Accessibility to Employment Sub-Centers and Property Values in Mexico*, **Laura H. Atuesta**, CIDE; **Jose E. Ibarra**, London School of Economics; **Nancy Lozano-Gracia**, World Bank

**Discussants:**

**Laura H. Atuesta**, CIDE  
**Zhenhua Chen**, University of Southern California  
**Timothy Welch**, Georgia Institute of Technology  
**Vincent Viguié**, Ecole des Ponts ParisTech

**9. Transport Policy and Theory Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria III**

**Chair: David King**, Columbia University

- *Disadvantaged Groups and Public Transport: Key Factors in Demand Analysis-A Case Study of the Elderly*, **Chia-Nung Li**, Chinese Culture University
- *Transportation Public-Private Partnerships and Supplier Diversity*, **Jeong Yun Kweun**, George Mason University; **Jonathan L. Gifford**, George Mason University; **Lisardo A. Bolaños**, George Mason University
- *Exploring the Positive Utility of Travel Through Theory and Simulation*, **Patrick Singleton**, Portland State University; **Kelly J. Clifton**, Portland State University
- *Are Public Streets Becoming Private Spaces? Implications for Transport Policy*, **David King**, Columbia University

**Discussants:**

**David King**, Columbia University  
**Chia-Nung Li**, Chinese Culture University  
**Jeong Yun Kweun**, George Mason University  
**Patrick Singleton**, Portland State University

**10. Economic Impacts of Transit Development Thursday Nov 12 | 8:00 AM-10:00 AM | Parlor B**

**Chair: Wei Li**, Texas A&M University

- *Using a CGE Model for Analyzing the Macroeconomic Impact of the Grand Paris Express Project on the Ile-de-France Region*, **Haykel Hadj Salem**, Université des Sciences et Technologies de Lille; **Aboulkacem El-Mehdi**, University of Lille1; **Hubert Jayet**, University of Lille1; **Moez Kilani**, Université de Lille; **Quentin David**, Université de Lille; **Hakim Hammadou**, University of Lille1
- *High-speed Rail and Land Development in China*, **Pengyu Zhu**, Boise State University
- *Economic Development Impacts of Federal Government Investments in Urban Circulators and Streetcar Systems*, **Sisinnio Concas**, University of South Florida
- *Light Rail Transit and Economic Growth: Documenting Evidences from a Longitudinal Quasi-Experimental Design*, **Wei Li**, Texas A&M University

**Discussants:**

**Wei Li**, Texas A&M University  
**Hubert Jayet**, University of Lille1

Pengyu Zhu, Boise State University  
Sisinnio Concas, University of South Florida

**11. Provision of Local Services *Thursday Nov 12 | 8:00 AM-10:00 AM | Parlor C***

**Chair:** Pedro Amaral, Universidade Federal de Minas Gerais

- *Gridlock: Ethnic Diversity in Government and the Provision of Local Public Goods*, Daniel Jones, University of South Carolina
- *Electoral Cycles, Political Alignment and Health Care: Empirical Evidence from Brazilian Municipalities*, Maria Izabel Mendes, Federal University of Juiz de Fora; Flavia Chein, Federal University of Juiz de Fora
- *Determinants of Municipalities' Police Expenditures*, Junior Burssens, Ghent University; Carine Smolders, Ghent University; Stijn Goeminne, Ghent University
- *Urban Network in the Metropolitan Area of Belo Horizonte, Brazil: Selective (De-)Concentration of the Services Sector*, Pedro Amaral, Universidade Federal de Minas Gerais; Rodrigo Simões, Federal University of Minas Gerais

**Discussants:**

Pedro Amaral, Universidade Federal de Minas Gerais  
Daniel Jones, University of South Carolina  
Flavia Chein, Federal University of Juiz de Fora  
Junior Burssens, Ghent University

**12. Regional Science in an Urban Environment *Thursday Nov 12 | 8:00 AM-10:00 AM | Senate Suite***

**Chair:** Sophie Legras, INRA

- *A Statistical Approach to Comparative Statics: An Example of Transport Improvement and Taxation*, Asao Ando, Tohoku University; Ryuji Kakimoto, Kumamoto University
- *Treatment of Indeterminate in Credit Scoring Model*, Hua Kiefer, Office of the Comptroller of the Currency
- *Measuring Localization Using a Conditional Distance-Based Approach*, Théophile Bougna, University of Quebec - Montreal
- *Pollution in Happyville*, Sophie Legras, INRA

**Discussants:**

Sophie Legras, INRA  
Asao Ando, Tohoku University  
Hua Kiefer, Office of the Comptroller of the Currency  
Théophile Bougna, University of Quebec, Montreal

**13. Policy Analysis and Spatial Economic Forecasting on Oregon for Transportation Planning and Policy Analysis *Thursday Nov 12 | 8:00 AM-10:00 AM | Broadway IV***

**Organizers:** John E. Abraham, HBA Specto Incorporated; Rick Donnelly, Parsons Brinckerhoff; Becky Knudson, Oregon Deptment of Transportation

- *Changing Institutional Requirements for Statewide Spatial Economic, Land-Use, Transportation Modelling in Oregon*, Becky Knudson, Oregon Deptment of Transportation
- *Economic and Demographic Controls for a Statewide Integrated Economic-Land Use-Transport Model*, Carl D. Batten, ECONorthwest; John E. Abraham, HBA Specto Incorporated
- *Representing the Spatial Economic Patterns of Oregon by Upgrading to the PECAS Activity Allocation Module*, John E. Abraham, HBA Specto Incorporated; Graham T. Hill, HBA Specto Incorporated; J. D. Hunt, University of Calgary
- *Process validation of an integrated economic-land use-transport model*, Rick Donnelly, Parsons Brinckerhoff

**14. Spatial Econometrics I *Thursday Nov 12 | 8:00 AM-10:00 AM | Executive Suite***

**Organizer and Chair:** Giuseppe Arbia, Università Cattolica del Sacro Cuore, Rome

- *A Bias-Correction Model for Locational Errors in Spatial Econometrics*, Giuseppe Arbia, Università Cattolica del Sacro Cuore, Rome; Diego Giuliani; Giuseppe Espa,

- *Detecting Spatial and Spatio-Temporal Dependence in Spatial Data Pooled over Time*, **Jean Dubé**, Université Laval; **Diègos Legros**, Université de Bourgogne
- *Spatial Analysis of Province Level Water Use in China*, **Xueting Zhao**, West Virginia University
- *When SL Equals SLX, and When It Doesn't*, **Oleg A. Smirnov**, University of Toledo

**Discussants:**

**Oleg A. Smirnov**, University of Toledo  
**Giuseppe Arbia**, Università Cattolica del Sacro Cuore, Rome  
**Jean Dubé**, Université Laval  
**Xueting Zhao**, West Virginia University

**15. Regional/Rural Development I: Natural Resources, Alternate Agriculture, and Growth Thursday Nov 12 / 8:00 AM-10:00 AM / Studio Suite**

- Organizers:** **Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University  
**Chair:** **Jason Brown**, Federal Reserve Bank of Kansas City
- *The Recent Boom in Energy Production and Educational Attainment*, **Hongbo Wang**, Oklahoma State University; **John V. Winters**, Oklahoma State University; **Dan Rickman**, Oklahoma State University
  - *Women Farmers and Rural Economic Performance*, **Steve Deller**, University of Wisconsin, Madison; **Tessa Conroy**, University of Wisconsin, Madison
  - *Regional Windfalls or Beverly Hillbillies? Local and Absentee Ownership of Oil and Gas Royalties*, **Jason Brown**, Federal Reserve Bank of Kansas City; **Tim Fitzgerald**, Montana State University; **James Sears**, Montana State University; **Jeremy Weber**, University of Pittsburgh
  - *A Spatial Analysis of Agritourism in the U.S.: What Drives Innovative Agritourism Clusters?*, **Anders Van Sandt**, Colorado State University

**Discussants:**

**Jason Brown**, Federal Reserve Bank of Kansas City  
**Anders Van Sandt**, Colorado State University  
**Dan Rickman**, Oklahoma State University  
**Steve Deller**, University of Wisconsin, Madison

**16. UEA 01A: Systems of Cities I Thursday Nov 12 / 8:00 AM-10:00 AM / Broadway I**

- Chair:** **Frederic Robert-Nicoud**, Geneva School of Economics and Management
- *Common Labor Market, Attachment and Spillovers in a Large Federation*, **Emilson Caputo Delfino Silva**, University of Alberta; **Vander Lucas**, University of Brasilia
  - *New Trade Models, Elusive Welfare Gains*, **Kristian Behrens**, UQAM; **Yoshitsugu Kanemoto**, National Graduate Institute for Policy Studies; **Yasusada Murata**, Nihon University
  - *Firm Mobility and the Impact of Labor Market Policies*, **Kyle Hood**, Bureau of Economic Analysis
  - *The Optimal Distribution of Population across Cities: Are Cities too Big?*, **David Albouy**, University of Illinois, Urbana-Champaign; **Kristian Behrens**, UQAM; **Frederic Robert-Nicoud**, Geneva School of Economics and Management; **Nathan Seegert**, University of Utah

**Discussants:**

**Frederic Robert-Nicoud**, Geneva School of Economics and Management  
**Emilson Caputo Delfino Silva**, University of Alberta  
**Yasusada Murata**, Nihon University  
**Kyle Hood**, Bureau of Economic Analysis

**17. UEA 01B: Taxation and Local Public Finance Thursday Nov 12 / 8:00 AM-10:00 AM / Broadway II**

- Chair:** **David R. Agrawal**, University of Georgia
- *The Effect of State Taxes on the Geographical Location of Top Earners: Evidence from Star Scientists*, **Enrico Moretti**, University of California - Berkeley; **Daniel John Wilson**, Federal Reserve Bank of San Francisco
  - *Capitalization of Equalizing Grants and the Flypaper Effect*, **Maarten Allers**, University of Groningen; **Wouter Vermeulen**, CPB Netherlands Bureau for Economic Policy Analysis
  - *Tax Effects of Amalgamations: Evidence from Swiss Municipalities*, **Florian Chatagny**, ETH Zürich

- *The Internet as a Tax Haven? The Effect of the Internet on Tax Competition*, **David R. Agrawal**, University of Georgia

**Discussants:**

**David R. Agrawal**, University of Georgia  
**Daniel John Wilson**, Federal Reserve Bank of San Francisco  
**Wouter Vermeulen**, CPB Netherlands Bureau for Economic Policy Analysis  
**Florian Chatagny**, ETH Zürich

**18. UEA 01C: Cities and Environmental Policy Thursday Nov 12 | 8:00 AM-10:00 AM | Broadway III**

**Chair: William D. Larson**, Federal Housing Finance Agency

- *Effects of Environmental Regulation in China: Water Pollution in the Yangtze River and Industrial Relocation*, **Zhi Wang**, Fudan University; **Matthew Kahn**, University of California, Los Angeles; **Yu Liu**, Fudan University; **Zhao Chen**, Fudan University
- *Canary in a Coal Mine: Impact of Mid-20th Century Air Pollution on Infant Mortality and Property Values*, **Karen Clay**, Carnegie Mellon University; **Joshua Lewis**, University of Montreal; **Edson Severnini**, Carnegie Mellon University
- *Where Does the Wind Blow? Green Preferences and Spatial Misallocation in Renewable Energy Sector*, **Yatang Lin**, London School of Economics
- *The Energy and Urban Form Implications of Telework*, **William D. Larson**, Federal Housing Finance Agency; **Weihua Zhao**, George Washington University

**Discussants:**

**William D. Larson**, Federal Housing Finance Agency  
**Zhi Wang**, Fudan University  
**Edson Severnini**, Carnegie Mellon University  
**Yatang Lin**, London School of Economics

**10:00 AM-10:30 AM**

**Coffee Break Thursday Nov 12 | 10:00 AM-10:30 AM | Grand Ballroom Foyer**

**10:30 AM-12:00 PM**

**19. NARSC Presidential Plenary Thursday Nov 12 | 10:30 AM-12:00 PM | Grand Ballroom II**

**Chair: Neil Reid**, University of Toledo

- *Tobler's Law and Spatial Optimization*, **Richard L. Church**, University of California, Santa Barbara

**12:30 PM-2:30 PM**

**PRSCO Council (Invitation Only) Thursday Nov 12 | 12:30 PM-2:30 PM | Forum Suite**

**1:30 PM-3:30 PM**

**20. Input-Output: Applications Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway IV**

**Chair: Moez Kilani**, Universite de Lille

- *Synergy Effect of Combining Agriculture with Processing and Distributing Industries in Okinawa Regional Economy: A New Approach by Endogenous Consumption IO Model*, **Yuko Akune**, Reitaku University; **Yoshifumi Ishikawa**, Nanzan University; **Ryohei Nakamura**, Public Policy
- *Exploring the Economy-Wide Impacts of Urban Renewal Projects in Bogota*, **Javier Perez-Burgos**, University of the Andes

- *Identification Change of Economic Interactions Among Sectors for Chicago Economy Using Feedback Loop Analysis*, **Xiuli Liu**, Chinese Academy of Sciences; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Local Economic Development in Tunisia (North Africa)*, **Moez Kilani**, Université de Lille

**Discussants:**

**Moez Kilani**, Université de Lille  
**Yuko Akune**, Reitaku University  
**Javier Perez-Burgos**, University of the Andes  
**Xiuli Liu**, Chinese Academy of Sciences

**21. Modeling Environmental Issues II Thursday Nov 12 | 1:30 PM-3:30 PM | Cabinet Suite**

**Chair: Sandy Dall Erba**, University of Illinois

- *Regional Energy/Economy/Environment (E3) Modeling: Integration of REMI/ENERGY 2020 for E3 Analysis*, **Frederick R. Treyz**, Regional Economic Models, Inc.; **Jeffrey Amlin**, Systematic Solutions, Inc.
- *Economic Impact of New Industries and Carbon Tax in Electric Vehicle Society in Toyohashi City in Japan*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Tomoaki Fujii**, Toyohashi University of Technology
- *Hurricane Sandy and Lost Four Days in the U.S. Economy*, **Minsu Son**, Seoul National University; **Jiyoung Park**, University at Buffalo, SUNY; **ChangKeun Park**, University of Georgia
- *An Input-Output Analysis of Arizona's Virtual Water Trade*, **Sandy Dall Erba**, University of Illinois; **Jinwon Bae**, University of Arizona

**Discussants:**

**Sandy Dall Erba**, University of Illinois  
**Frederick R. Treyz**, Regional Economic Models, Inc.  
**Yuzuru Miyata**, Toyohashi University of Technology  
**Minsu Son**, Seoul National University

**22. Determinants and Variations in Wages II Thursday Nov 12 | 1:30 PM-3:30 PM | Council Suite**

**Chair: Zheng Pan**, Northern Illinois University

- *How Much Can Be the Wage Curve Overestimated?*, **Bartłomiej Rokicki**, University of Warsaw
- *A "Race to the Bottom" of Minimum Wages within China*, **Yanan Li**, Cornell University; **Ravi Kanbur**, Cornell University; **Carl Lin**, Beijing Normal University
- *Minimum Wage and School Enrollment: New Evidence from County Pairs*, **Zheng Pan**, Northern Illinois University

**Discussants:**

**Zheng Pan**, Northern Illinois University  
**Bartłomiej Rokicki**, University of Warsaw  
**Yanan Li**, Cornell University

**23. Regional Development I Thursday Nov 12 | 1:30 PM-3:30 PM | Directors Suite**

**Chair: Joaquim J. M. Guilhoto**, FEA-USP

- *Knowledge Networks in Regional Development. An Agent Based Model and Its Application*, **Tamás Sebestyén**, University of Pécs; **Orsolya Hau-Horváth**, University of Pécs; **Attila Varga**, University of Pécs
- *The Regulatory-Spatial Dialectic: Evolving Form, Function, and Geography of the U.S. Monetary Financial System*, **David S. Bieri**, Virginia Tech
- *Eligibility Criteria of Brazilian Semi-Arid Municipalities: Impacts on Formal Employment and Income*, **Renata M. Caldas**, Federal University of Pernambuco; **Yony Sampaio**, Pimes - UFPE
- *The Importance of Defense and Security for the Brazilian Economy*, **Joaquim J. M. Guilhoto**, FEA-USP; **Paulo C. Morceiro**, University of São Paulo; **Milene S. Tessarin**, University of São Paulo

**Discussants:**

**Joaquim J. M. Guilhoto**, FEA-USP  
**Tamás Sebestyén**, University of Pécs

**David S. Bieri**, Virginia Tech  
**Renata M. Caldas**, Federal University of Pernambuco

**24. Demographic Change: Geography and Labor Markets Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria I**

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

- *Long Term Patterns of Regional Economic and Demographic Change*, **William Cochrane**, University of Waikato; **Matthew Roskrug**, University of Waikato
- *Regional and Demographic Differences in Unemployment Dynamics in Germany*, **Carsten Ochsen**, University of Applied Labour Studies and University of Rostock
- *Economic and Demographic Development in German Cities*, **Florian W. Bartholomae**, Bundeswehr University Munich; **Alina M. Schoenberg**, Bundeswehr University Munich
- *EU Regions, Demographic Change and the Assymetric Impacts of Population Growth and Decline*, **Philip McCann**, University of Groningen; **Francesca Medda**; **Gianni Carbonaro**, European Investment Bank; **Gianni Carbonaro**, European Investment Bank

**Discussants:**

**Philip McCann**, University of Groningen  
**William Cochrane**, University of Waikato  
**Carsten Ochsen**, University of Applied Labour Studies and University of Rostock  
**Florian W. Bartholomae**, Bundeswehr University Munich

**25. Neighborhood Redevelopment and Change I Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria II**

**Chair: Dusan J. C. Paredes**, Universidad Catolica del Norte

- *Housing Markets Dynamics with Foreclosures*, **Xian Fang**, University of Illinois, Urbana-Champaign
- *The Long Run Effects of Zoning on Neighborhood Redevelopment*, **Weihua Zhao**, George Washington University
- *Right Place, Right Time: Exploring Government Intervention in an Urban Housing Market*, **Nicholas B. Irwin**, Ohio State University; **Elena G. Irwin**, Ohio State University
- *Does Tearing Down Dilapidated Housing Stock Increase Neighborhood Property Values? The Case of Detroit, Michigan*, **Dusan J. C. Paredes**, Universidad Catolica del Norte; **Mark Skidmore**, Michigan State University

**Discussants:**

**Dusan J. C. Paredes**, Universidad Catolica del Norte  
**Xian Fang**, University of Illinois, Urbana-Champaign  
**Weihua Zhao**, George Washington University  
**Nicholas B. Irwin**, Ohio State University

**26. Transportation and Land Use Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria III**

**Chair: Parmanand Sinha**, University of Tennessee

- *A Survey on the Calibration and Validation of Integrated Transportation and Land Use Models*, **Nicolas E. Coulombel**, Université Paris Est; **Peter Sturm**, INRIA
- *Impact of High Speed Rail Investment on Land Use, Social Change and Environment in China: A Dynamic CGE Analysis*, **Zhenhua Chen**, University of Southern California; **Junbo Xue**, China Academy of Science; **Adam Rose**, University of Southern California; **Kingsley Haynes**, George Mason University
- *Bikeable Communities, Bike-Transit Integration, and Property Values: A Case Study in Austin, Texas*, **Wei Li**, Texas A&M University; **Kenneth Joh**, Texas A&M University
- *Incorporating Sprawl and Adjacency Measures in Land Use Forecasting Model*, **Parmanand Sinha**, University of Tennessee

**Discussants:**

**Parmanand Sinha**, University of Tennessee  
**Nicolas E. Coulombel**, Université Paris Est  
**Zhenhua Chen**, University of Southern California  
**Wei Li**, Texas A&M University



**27. Local Public Finance Challenges Thursday Nov 12 | 1:30 PM-3:30 PM | Parlor C**

**Chair:** Isabel Martinez, University of California, Berkeley

- *Organised Crime, Elections and Public Spending: Evidence from Southern Italy*, **Marco Di Cataldo**, London School of Economics; **Nicola Mastroiocco**, London School of Economics
- *Urban Development and Fiscal Sustainability: The Role of Sprawl and Growth in U.S. County Areas*, **Christopher B. Goodman**, University of Nebraska, Omaha
- *Investment Needs and Fiscal Scenarios in Cartagena, Colombia*, **Jaime Alfredo Bonet**, Banco de la Republica; **Yuri C. Reina**, Banco de la Republica
- *Beggar-Thy-Neighbour Tax Cuts: Mobility After a Local Income and Wealth Tax Reform in Switzerland*, **Isabel Martinez**, University of California, Berkeley

**Discussants:**

**Isabel Martinez**, University of California, Berkeley

**Marco Di Cataldo**, London School of Economics

**Christopher B. Goodman**, University of Nebraska, Omaha

**Jaime Alfredo Bonet**, Banco de la Republica

**28. Population Distribution and Growth Thursday Nov 12 | 1:30 PM-3:30 PM | Senate Suite**

**Chair:** Kyung-Min Nam, University of Hong Kong

- *Civil Conflict and Population Concentration*, **David Cuberes**, Clark University; **Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- *Population Growth in American Cities between 1990 and 2010: True Contagion and Urban Hierarchy*, **Elizabeth A. Dobis**, Purdue University; **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University; **Peter Mulder**, VU University Amsterdam
- *The Importance of Historical Linkages in Shaping Population Distribution Across Space*, **Rosella Nicolini**, Universitat Autònoma de Barcelona; **Ilenia Epifani**, Politecnico di Milano
- *Is the Spatial Distribution of China's Population Excessively Unequal?: A Cross-Country Comparison*, **Kyung-Min Nam**, University of Hong Kong

**Discussants:**

**Kyung-Min Nam**, University of Hong Kong

**Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

**Elizabeth A. Dobis**, Purdue University

**Rosella Nicolini**, Universitat Autònoma de Barcelona

**29. Spatial Econometrics II Thursday Nov 12 | 1:30 PM-3:30 PM | Executive Suite**

**Organizer and Chair:** Giuseppe Arbia, Università Cattolica del Sacro Cuore, Rome

- *House Price Fluctuations and the Business Cycle Dynamics*, **Girum Abate**, Aarhus University
- *A Spatio-Temporal Treatment Effects Analysis of the Impact of the Hardest Hit Funds (HHF) Blight Elimination Program on the Detroit Housing Market*, **Luc Anselin**, Arizona State University; **Nigel G. Griswold**, Dynamo Metrics LLC; **Benjamin Calnin**, Dynamo Metrics LLC
- *Spatio Temporal Data Mining for Climate Change and Impact: The Study at West Java, Indonesia*, **Eddy Hermawan**, LAPAN; **Atje Setiawan Abdulah**, Padjadjaran; **Budi Nurani**, Padjadjaran University; **I. Gede N. Mindra Jaya**, Padjadjaran University
- *Spatial Heterogeneity of Hedonic Housing Price in Beijing---A Geographically Weighted Regression Approach*, **Ziye Zhang**, Cornell University

**Discussants:**

**Ziye Zhang**, Cornell University

**Girum Abate**, Aarhus University

**Luc Anselin**, Arizona State University

**Eddy Hermawan**, LAPAN

**30. Entrepreneurship in Regional Science I Thursday Nov 12 | 1:30 PM-3:30 PM | Parlor B**

**Organizers:** Haifeng Qian, University of Iowa; **Elizabeth A. Mack**, Michigan State University

- *What Drives Environmental Entrepreneurship? The Role of Informal Institutions in the Sustainable Regional Economy*, **Maria Figueroa-Armijos**, George Mason University
- *Shale Revolution and Entrepreneurship: An Empirical Assessment of the Relationship Between Energy Sector Expansion and Self-Employment in U.S. Counties*, **Alexandra A. Tsvetkova**, Ohio State University; **Mark Partridge**, Ohio State University
- *Entrepreneurs and Internet Use*, **Elizabeth A. Mack**, Michigan State University

**31. Regional/Rural Development II: Rural Innovation in the US: Preliminary Findings from a National Survey**

**Thursday Nov 12 | 1:30 PM-3:30 PM | Studio Suite**

**Organizers:** **Timothy R. Wojan**, USDA Economic Research Service; **Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

**Chair:** **Timothy R. Wojan**, USDA Economic Research Service

- *Toward a Reliable Measure of Substantive Innovation in Rural Areas: Hard Tests of the 2014 Rural Establishment Innovation Survey Latent Class Analysis*, **Timothy R. Wojan**, USDA Economic Research Service
- *Rural Business Financial Capital Use and Availability: The Nexus with Innovation*, **Anil Rupasingha**, USDA Economic Research Service; **Sarah Low**, USDA Economic Research Service; **John N. Tremper**, University of Minnesota
- *REIS and Rural Broadband Internet: A Preliminary Analysis*, **Peter Stenberg**, USDA Economic Research Service
- *Pre- and Post Recession Environments for Small Rural Manufacturing Plants*, **David McGranahan**, USDA Economic Research Service

**Discussants:**

**Roberta Capello**, Politecnico di Milano

**Tessa Conroy**, University of Wisconsin, Madison

**Kathryn R. Dotzel**, Ohio State University

**David Freshwater**, University of Kentucky

**32. UEA 02A: Empirics of Agglomeration I Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway I**

**Chair:** **Jens Suedekum**, Heinrich-Heine-University Düsseldorf

- *Commuting, Migration and Local Employment Elasticities*, **Ferdinando Monte**, Georgetown University; **Stephen James Redding**, Princeton University; **Esteban Rossi-Hansberg**, Princeton University
- *Coagglomeration Patterns and Functional Specialization in Canada*, **Kristian Behrens**, UQAM; **Rachel Guillain**, Université de Bourgogne
- *Why Does Birthplace Matter So Much? Sorting, Learning and Geography*, **Henry G. Overman**, London School of Economics; **Clement Bosquet**, University of Cergy-Pontoise
- *Adjusting to Globalization: Evidence from Heterogeneous Worker-Establishment Matches in Germany*, **Jens Suedekum**, Heinrich-Heine-University Düsseldorf; **Wolfgang Dauth**, IAB and University of Wuerzburg; **Sebastian Findeisen**, University of Mannheim

**Discussants:**

**Jens Suedekum**, Heinrich-Heine-University Düsseldorf

**Ferdinando Monte**, Georgetown University

**Kristian Behrens**, UQAM

**Henry G. Overman**, London School of Economics

**33. UEA 02B: Sorting and Neighborhoods Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway II**

**Chair:** **Andrea Craig**, Queen's University

- *A Field Study of Rental Market Discrimination Across Origins in France*, **Arthur Acolin**, University of Southern California; **Gary Dean Painter**, University of Southern California; **Raphael Bostic**, University of Southern California
- *Rent Control and Evictions: Evidence from San Francisco*, **Brian James Asquith**, University of California - Irvine
- *Social Stratification in the City*, **Fabien Moizeau**, CREM, University of Rennes 1

- *Neighbourhood Sorting and Commuting Choices*, **Alex Chernoff**, Queen's University; **Andrea Craig**, Queen's University; **Huw Lloyd-Ellis**, Queen's University

**Discussants:**

**Andrea Craig**, Queen's University  
**Gary Dean Painter**, University of Southern California  
**Brian James Asquith**, University of California - Irvine  
**Fabien Moizeau**, CREM, University of Rennes 1

**34. UEA 02C: Impacts of Local Environments Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway III**

**Chair: Jessica Burley**, University of Toronto

- *The Spatial Returns to Education: Does Where You Come from and Where You Go Matter?*, **Lina Ahlin**, Lund University
- *Is the Rent Too High? Aggregate Implications of Local Land Use Regulation*, **Devin Bunten**, University of California - Los Angeles
- *Are Enterprise Zones Benefits Capitalized into Commercial Property Values? The French case.*, **Mathilde Poulhes**, CREST-SciencesPo
- *The Built Environment and Social Interactions: Evidence from Panel Data*, **Jessica Burley**, University of Toronto

**Discussants:**

**Jessica Burley**, University of Toronto  
**Lina Ahlin**, Lund University  
**Devin Bunten**, University of California - Los Angeles  
**Mathilde Poulhes**, CREST-SciencesPo

**3:30 PM-4:00 PM**

**Coffee Break Thursday Nov 12 | 3:30 PM-4:00 PM | Grand Ballroom Foyer**

**4:00 PM-6:00 PM**

**Alonso Prize Committee Meeting (Invitation Only) Thursday Nov 12 | 4:00 PM-6:00 PM | Forum Suite**

**35. Input-Output: Methods Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway IV**

**Chair: Peter Jarosi**, University of Pecs

- *Total Factor Productivity in Chile: Econometrics versus Input-Output Model Approach*, **Nicolas Garrido**, Diego Portales University; **Patricio Aroca**, Universidad Adolfo Ibanez
- *Refining Trade and Transport Costs in SCGE Models: An Alternative Model and Its SAM-Based Calibration*, **Tamás Sebestyén**, University of Pécs
- *The Regional Economic Accounting Tool: Incorporating Resilience*, **Braeton J. Smith**, Sandia National Laboratories; **Vanessa N. Vargas**, Sandia National Laboratories; **Bern Caudill Dealy**, University of New Mexico
- *An Alternative Approach for Solving Large Size Multiregional CGE Models: An Example for a Special Case*, **Randall W. Jackson**, West Virginia University; **Peter Jarosi**, University of Pecs; **Attila Varga**, University of Pécs

**Discussants:**

**Peter Jarosi**, University of Pecs  
**Nicolas Garrido**, Diego Portales University  
**Tamás Sebestyén**, University of Pécs  
**Braeton J. Smith**, Sandia National Laboratories

**36. Modeling Environmental Issues III Thursday Nov 12 | 4:00 PM-6:00 PM | Cabinet Suite**

**Chair: Jean-Claude F. Thill**, University of North Carolina, Charlotte

- *Evaluating Environmental and Economic Impact of Carbon Credit in Makassar City in Indonesia*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Takahide Fukuda**, Toyohashi University of Technology

- *The Increase in the Brazilian Household Income and the Impact on CO2 Emissions: Evidence for 2003 and 2009 from Input-Output Tables*, **Vinicius de Almeida Vale**, Federal University of Juiz de Fora; **Fernando Salgueiro Perobelli**, Federal University of Juiz de Fora; **Weslem Rodrigues Faria**, Federal University of Juiz de Fora
- *Optimum Structure and Equity in a City with Local Traffic-Induced Air Pollution*, **Mirjam Schindler**, University of Luxembourg
- *CO2 Emissions Embodied in Trade and Urban Regional Climate Policy-Making: Case Study of Shanghai*, **Zhangqi Zhong**, East China Normal University; **Jean-Claude F. Thill**, University of North Carolina, Charlotte; **Yi Sun**, Institute of Policy and Management; **Zheng Wang**, Institute of Policy and Management

**Discussants:**

**Jean-Claude F. Thill**, University of North Carolina, Charlotte  
**Yuzuru Miyata**, Toyohashi University of Technology  
**Vinicius de Almeida Vale**, Federal University of Juiz de Fora  
**Mirjam Schindler**, University of Luxembourg

**37. Firm Formation and Location Thursday Nov 12 | 4:00 PM-6:00 PM | Council Suite**

**Chair: Isabelle M. Nilsson**, University of North Carolina, Charlotte

- *Markov-Chain Approaches to Modeling the Dynamics of Firm Location and Formation in the United States*, **Francisco Scott**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *Market Potential and the Location of French Firms in Africa*, **Baraka Nafari**, University of Johannesburg; **Alain Pholo Bala**, University of Johannesburg; **Michel Tenikue**, Liser, Luxembourg
- *The Importance of Quality of Life in Brewery Location Decisions*, **Katherine Nesse**, Kansas State University; **Timothy Green**, Clemson University; **Brooke Ferguson**,
- *The Effect of Zoning on the Relative Location of Competing Retail Outlets*, **Isabelle M. Nilsson**, University of North Carolina, Charlotte; **Oleg A. Smirnov**, University of Toledo

**Discussants:**

**Isabelle M. Nilsson**, University of North Carolina, Charlotte  
**Francisco Scott**, Purdue University  
**Alain Pholo Bala**, University of Johannesburg  
**Katherine Nesse**, Kansas State University

**38. Regional Development II Thursday Nov 12 | 4:00 PM-6:00 PM | Directors Suite**

**Chair: Matthias Firgo**, Austrian Institute of Economic Research (WIFO)

- *(Un)Related Variety and Regional Development in Austria -- Which Economic Structure Optimizes Employment Growth?*, **Matthias Firgo**, Austrian Institute of Economic Research (WIFO); **Peter Mayerhofer**, Austrian Institute of Economic Research (WIFO)
- *Ethnicity, Institutions, and Regional Favoritism: A Quantitative Analysis*, **Sidney Turner**, Fors Marsh Group LLC; **Uma Kelekar**,
- *Innovating in the Periphery: Comparing Canada, Europe and the United States*, **Andrés Rodríguez-Pose**, London School of Economics; **Callum Wilkie**, London School of Economics
- *Regional Competitiveness: Connecting an Old Concept with New Goals*, **Karl Aiginger**, Austrian Institute of Economic Research (WIFO); **Matthias Firgo**, Austrian Institute of Economic Research (WIFO)

**Discussants:**

**Sidney Turner**, Fors Marsh Group LLC  
**Matthias Firgo**, Austrian Institute of Economic Research (WIFO)  
**Matthias Firgo**, Austrian Institute of Economic Research (WIFO)  
**Andrés Rodríguez-Pose**, London School of Economics

**39. Migration and Human Capital Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria I**

**Chair: Martin Korpi**, Ratio Institute

- *Graduate Migration in Canada*, **Bruce Newbold**, McMaster University
- *Going With the Flow: The State-to-State Migration Behavior of College-Bound Students in the United States*, **Rachel S. Franklin**, Brown University; **Alessandra Faggian**, Ohio State University
- *Does Migration Alleviate Education-Job Mismatching?*, **Lina Ahlin**, Lund University

- *Internal Migration and Human Capital Theory: To What Extent Is It Selective?*, **Martin Korpi**, Ratio Institute; **William A.V. Clark**, University of California, Los Angeles

**Discussants:**

**Martin Korpi**, Ratio Institute  
**Bruce Newbold**, McMaster University  
**Rachel S. Franklin**, Brown University  
**Lina Ahlin**, Lund University

**40. Neighborhood Redevelopment and Change II Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria II**

**Chair: Nikhil Jha**, University of Melbourne

- *How the Cookie Crumbles: An Investigation into Post-War Neighborhood Decline*, **Lyndsey Anne Rolheiser**, Massachusetts Institute of Technology
- *Urban Renewal, Residential Mobility and Location Choice as the Product of Housing Displacement: An Ex-ante Analysis*, **Esteban Lopez**, University of Illinois, Urbana-Champaign
- *Survival Analysis of Foreclosure Neighborhood Impact*, **Lei Zhang**, North Dakota State University; **Tammy Leonard**, University of Dallas; **Resha Dias**, North Dakota State University
- *Neighborhood Price Externalities of Foreclosure Rehabilitation: An Examination of the Neighborhood Stabilization Program*, **Nikhil Jha**, University of Melbourne; **Tammy Leonard**, University of Dallas; **Lei Zhang**, North Dakota State University

**Discussants:**

**Nikhil Jha**, University of Melbourne  
**Lyndsey Anne Rolheiser**, Massachusetts Institute of Technology  
**Esteban Lopez**, University of Illinois, Urbana-Champaign  
**Lei Zhang**, North Dakota State University

**41. Transportation Networks Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria III**

**Chair: Jiyoung Park**, University at Buffalo, SUNY

- *Mathematical Structures for Analyzing Rapid Transit Networks*, **Juan A. Mesa**, University of Seville; **Eva Barrena**, University of Leeds; **Alicia De-Los-Santos**, University of Seville; **Federico Perea**, Polytechnical University of Valencia
- *Consideration of Procurement Alternatives in Network Design Problems: Genetic Algorithm Approach to Model Highway Public-Private Partnerships*, **Nobuhiko Daito**, George Mason University; **Jonathan L. Gifford**, George Mason University; **Shanjiang Zhu**, George Mason University
- *Ex ante Assessment of the Effects on Road Network Connectivity and Regional Disparities of New Road Infrastructure Projects in Antioquia, Colombia Through Network Connectivity Measures*, **Osmar Leandro Loaiza Quintero**,
- *Visualizing Trade Hubs in Freight Networks Using Border Crossings Between the U.S. and Canada*, **Jiyoung Park**, University at Buffalo, SUNY; **Ha Hwang**, University at Buffalo, SUNY; **Amirhossein Shahabnia**, University at Buffalo, SUNY

**Discussants:**

**Jiyoung Park**, University at Buffalo, SUNY  
**Juan A. Mesa**, University of Seville  
**Nobuhiko Daito**, George Mason University  
**Osmar Leandro Loaiza Quintero**,

**42. Local Fiscal Issues Thursday Nov 12 | 4:00 PM-6:00 PM | Parlor C**

**Chair: William Orlando Prieto**, Catholic University of Colombia

- *The Political Economy of Underfunded Municipal Pension Plans*, **Jeffrey Brinkman**, Federal Reserve Bank of Philadelphia; **Daniele Coen-Pirani**, University of Pittsburgh; **Holger Sieg**, University of Pennsylvania
- *Inter-Local Fiscal Disparities: Evidence from Connecticut Municipalities*, **Bo Zhao**, Federal Reserve Bank of Boston

- *Is the Government Fiscally Blind? An Empirical Examination of the Effect of the Compensation Requirement on Eminent Domain Exercises*, **Ronit Levine-Schnur**, University of Toronto; **Gideon Parchomovsky**, University of Pennsylvania
- *Political Decentralization and Citizen Perceptions of Quality Service as Determinants of the Technical Efficiency of Local Public Sector Efficiency in Colombia*, **William Orlando Prieto**, Catholic University of Colombia; **Andres Cendales**, Catholic University of Colombia; **Jhon James Mora**; **Jorge Olaya**,

**Discussants:**

**William Orlando Prieto**, Catholic University of Colombia  
**Jeffrey Brinkman**, Federal Reserve Bank of Philadelphia  
**Bo Zhao**, Federal Reserve Bank of Boston  
**Ronit Levine-Schnur**, University of Toronto

**43. Energy Economics and Policy Thursday Nov 12 | 4:00 PM-6:00 PM | Senate Suite**

**Chair: Budy P. Resosudarmo**, Australian National University

- *Economics of Modern Energy Boomtowns*, **Alexandra A. Tsvetkova**, Ohio State University; **Mark Partridge**, Ohio State University
- *How Does Shale Oil and Gas Development Change Local Economies?*, **Heather Stephens**, West Virginia University; **Amanda L. Weinstein**, University of Akron
- *The Effects of the Natural Gas and Oil Boom on U.S. Counties Water Use*, **Minhong Xu**, University of Illinois, Urbana-Champaign; **Yilan Xu**, University of Illinois, Urbana-Champaign; **Madhu Khanna**, University of Illinois, Urbana-Champaign
- *Energy Policy Reform within the ASEAN Economic Community*, **Budy P. Resosudarmo**, Australian National University; **Ditya A. Nurdianto**, Indonesian Ministry of Foreign Affairs

**Discussants:**

**Budy P. Resosudarmo**, Australian National University  
**Alexandra A. Tsvetkova**, Ohio State University  
**Heather Stephens**, West Virginia University  
**Minhong Xu**, University of Illinois, Urbana-Champaign

**44. Entrepreneurship in Regional Science II Thursday Nov 12 | 4:00 PM-6:00 PM | Parlor B**

**Organizers: Elizabeth A. Mack**, Michigan State University; **Haifeng Qian**, University of Iowa

- *The Location of New Firms: Influence of Commuting Behaviour*, **Charlie Karlsson**, Jönköping International Business School; **Mikaela Backman**, Jönköping International Business School
- *Transit-Oriented Economic Development: The Impact of Light Rail on New Business Starts in the Phoenix, Arizona Region*, **Kevin Credit**, Michigan State University
- *Metropolitan Entrepreneurial Structure*, **Haifeng Qian**, University of Iowa
- *Related Variety in United States Invention: Technological, Locational, and Spatial Associations*, **Breandan O hUallachain**, Arizona State University; **Kevin Kane**, University of California, Irvine

**45. Regional/Rural Development III: Race, Gender, and Entrepreneurship Thursday Nov 12 | 4:00 PM-6:00 PM | Studio Suite**

**Organizers: Tessa Conroy**, University of Wisconsin, Madison; **Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

**Chair: Stephan Weiler**, Colorado State University

- *Economic Freedom and Racial Differences in Entrepreneurship: Evidence Across US States*, **Amanda Ross**, West Virginia University; **John Deskins**, West Virginia University
- *It's Who and What You Know: Women Entrepreneurs, Information Asymmetries, and Regional Economic Growth*, **Tessa Conroy**, University of Wisconsin, Madison; **Stephan Weiler**, Colorado State University
- *Women Business Owners: A Source of Stability During the Great Recession?*, **Steve Deller**, University of Wisconsin, Madison; **Tessa Conroy**, University of Wisconsin, Madison

**Discussants:**

**Tessa Conroy**, University of Wisconsin, Madison

**John Pender**, USDA Economic Research Service

**Amanda Ross**, West Virginia University

**46. Spatial Econometrics III Thursday Nov 12 | 4:00 PM-6:00 PM | Executive Suite**

**Organizer and Chair: Giuseppe Arbia**, Università Cattolica del Sacro Cuore, Rome

- *The Association Between Public Transportation Infrastructure and Home Price Growth and Stability*, **Gregory S. Macfarlane**, Parsons Brinckerhoff; **Juan Moreno-Cruz**, Georgia Institute of Technology
- *The role of the spatial externalities of irrigation on corn production: empirical evidence on the US Corn Belt counties*, **Dongwoo Kang**, University of Arizona; **Sandy Dall Erba**, University of Illinois
- *Bayesian Spatio-Temporal Modeling and Mapping of Dengue Fever: The Case of the City of Bandung, Indonesia*, **I. Gede N. Mindra Jaya**, Padjadjaran University; **Henk Folmer**, University of Groningen; **Budi Nurani**, Padjadjaran University

**Discussants:**

**Henk Folmer**, University of Groningen

**Gregory S. Macfarlane**, Parsons Brinckerhoff

**Sandy Dall Erba**, University of Illinois

**47. UEA 03A: Dynamic Choices and Housing Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway I**

**Chair: Alex Anas**, SUNY-Buffalo

- *Family Location Choices and Child Development*, **Morris Davis**, Rutgers University; **Jesse Gregory**, University of Wisconsin - Madison; **Daniel Hartley**, Federal Reserve Bank of Cleveland; **Kegon TK Tan**, University of Wisconsin - Madison
- *Valuing Time-Varying Attributes Using the Hedonic Model: When Is a Dynamic Approach Necessary?*, **Kelly Bishop**; **Alvin Murphy**, Arizona State University
- *Homeowner Borrowing and Housing Collateral: New Evidence from Expiring Price Controls*, **Anthony DeFusco**, Northwestern University
- *Rationality and Exuberance in Land Prices and the Supply of New Housing*, **Alex Anas**, SUNY-Buffalo; **Debarshi Indra**, University of California, Riverside

**Discussants:**

**Alex Anas**, SUNY-Buffalo

**Morris Davis**, Rutgers University

**Alvin Murphy**, Arizona State University

**Anthony DeFusco**, Northwestern University

**48. UEA 03B: Neighborhood Composition Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway II**

**Chair: Jenny Schuetz**, Board of Governors of the FRS

- *The Formation and Dynamics of Ethnic Neighborhoods*, **Sanghoon Lee**, University of British Columbia; **Nathan Mudrick Schiff**, Shanghai University of Finance and Economics; **Tianran Dai**, Shanghai University of Finance and Economics
- *Racial Sorting and the Emergence of Segregation in American Cities*, **Allison Shertzer**, University of Pittsburgh; **Randall Phillip Walsh**, University of Pittsburgh
- *The Causes and Consequences of Gentrification and Neighborhood Change in U.S. Cities 1980-2010*, **Nathaniel Baum-Snow**, Brown University; **Daniel Hartley**, Federal Reserve Bank of Cleveland
- *Who Thinks "The Rent is Too Damn High"? The Relationship Between Local Affordability, Housing Choices and Preferences*, **Jeff Larrimore**, Board of Governors of the FRS; **Jenny Schuetz**, Board of Governors of the FRS

**Discussants:**

**Jenny Schuetz**, Board of Governors of the FRS

**Nathan Mudrick Schiff**, Shanghai University of Finance and Economics

**Randall Phillip Walsh**, University of Pittsburgh

**Daniel Hartley**, Federal Reserve Bank of Cleveland

**49. UEA 03C: Local Labor Markets I Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway III**

**Chair:** Joerg Rolf Stahl, Pompeu Fabra University

- *Turnover and Churning in Thick Labor Markets*, **Stefan Leknes**, Norwegian University of Science and Technology
- *The Role of Local Economies' Industrial Composition in the Careers of Displaced Workers*, **Frank Neffke**, Harvard University; **Anne Otto**, IAB Institute for Employment Research; **César Hidalgo**, MIT
- *The Impact of Market Size on Firm Organization*, **Grigorios Spanos**, Aix-Marseille School of Economics
- *Capital Gain: The Returns to Locating in the Capital City*, **Joerg Rolf Stahl**, Pompeu Fabra University

**Discussants:**

**Joerg Rolf Stahl**, Pompeu Fabra University

**Stefan Leknes**, Norwegian University of Science and Technology

**Frank Neffke**, Harvard University

**Grigorios Spanos**, Aix-Marseille School of Economics

**6:30 PM-8:00 PM**

**Main Conference Reception Thursday Nov 12 | 6:30 PM-8:00 PM | Location TBA**

**Friday, 13 November 2015**

**7:30 AM-5:30 PM**

**Registration and Exhibits Friday Nov 13 | 7:30 AM-5:30 PM | Grand Ballroom Foyer**

**8:00 AM-10:00 AM**

**Journal of Regional Science Editorial Board Meeting (Invitation Only) Friday Nov 13 | 8:00 AM-10:00 AM | Forum Suite**

**50. Urban Economic Theory I Friday Nov 13 | 8:00 AM-10:00 AM | Broadway IV**

**Chair:** John R. Miron, University of Toronto

- *A Model of Referendum*, **Kuninori Nakagawa**, Shizuoka University
- *Preferences, Co-Production Externalities, and Club-Splitting*, **Eric J. Heikkila**, University of Southern California; **Yinqi Zhang**, University of Southern California
- *The Sources of Sharing Externalities: Specialization versus Competition*, **Philip Ushchev**, National Research University Higher School of Economics; **Alberto Bucci**, University of Milan
- *The State, the City, and the Market Economy*, **John R. Miron**, University of Toronto

**Discussants:**

**John R. Miron**, University of Toronto

**Kuninori Nakagawa**, Shizuoka University

**Eric J. Heikkila**, University of Southern California

**Philip Ushchev**, National Research University Higher School of Economics

**51. Analysis of Environmental Issues Friday Nov 13 | 8:00 AM-10:00 AM | Cabinet Suite**

**Chair:** Felix Haifeng Liao, University of Idaho

- *The E-Waste Spatial Development Process and its Environmental Hazard under Grey Industrial Economic : A Case Study of "Town G", Guangdong Province, Mainland China*, **Chi-tung Hung**, Ming Chuan University; **Wen-Yen Lin**, Ming Chuan University; **Yi Su**, Ming Chuan University
- *Air Quality and the Development of Los Angeles*, **Miles M. Finney**, California State University, Los Angeles
- *Dilemma Between Proper Treatment of Waste*, **Masashi Yamamoto**, University of Toyama
- *The Spatial Heterogeneity of Water Quality Benefits in Urban Housing Markets: Evidence from Coeur d'Alene, Idaho*, **Felix Haifeng Liao**, University of Idaho



**Discussants:**

**Felix Haifeng Liao**, University of Idaho  
**Chi-tung Hung**, Ming Chuan University  
**Miles M. Finney**, California State University, Los Angeles  
**Masashi Yamamoto**, University of Toyama

**52. FDI and Multinationals Friday Nov 13 | 8:00 AM-10:00 AM | Council Suite**

**Chair: Michael Moritz**, Institute for Employment Research (IAB)

- *Trade Integration, Welfare and Horizontal Multinationals: A Three-Country Model*, **Fabio Cerina**, University of Cagliari; **Tadashi Morita**, Kindai University; **Kazuhiro Yamamoto**, Osaka University
- *Are Spillovers from FDI Different?*, **Michiel Gerritse**, University of Groningen
- *Impact of Supply Chain Network Structure on FDI: Theory and Evidence*, **Ryo Itoh**, Tohoku University; **Kentaro Nakajima**, Tohoku University
- *Size of FDI and Firm Characteristics: Evidence from a Survey on German Multinational Activity in the Czech Republic*, **Michael Moritz**, Institute for Employment Research (IAB); **Veronika Hecht**, Institute for Employment Research (IAB); **Patricia Noska**, Ludwig Maximilian University of Munich; **Johannes Schäffler**,

**Discussants:**

**Michael Moritz**, Institute for Employment Research (IAB)  
**Tadashi Morita**, Kindai University  
**Michiel Gerritse**, University of Groningen  
**Kentaro Nakajima**, Tohoku University

**53. Regional Policy I Friday Nov 13 | 8:00 AM-10:00 AM | Directors Suite**

**Chair: John Connaughton**, University of North Carolina, Charlotte

- *The Evaluation of China's Regional Policy*, **Yanzhen Wang**, Northeast Normal University; **Xiumin Li**, Northeast Normal University
- *Technical and Vocational Education and Training in Brazil: Its Role as an Educational and Regional Policy*, **Flavia Chein**, Federal University of Juiz de Fora; **Antônio José Negreiros Araújo**, Federal University of Juiz de Fora; **Cristine Campos de Xavier Pinto**,
- *Impact Evaluation of Investments in the Appalachian Region: A Reappraisal*, **Juan Tomas Sayago-Gomez**, West Virginia University; **Randall W. Jackson**, West Virginia University; **Donald Lacombe**, West Virginia University; **Gianfranco Piras**, Catholic University of America
- *Regional Implications of the Shift in Manufacturing Jobs and Incomes*, **John Connaughton**, University of North Carolina, Charlotte; **Caroline Swartz**, University of North Carolina, Charlotte; **Richard Cebula**, Jacksonville University

**Discussants:**

**John Connaughton**, University of North Carolina, Charlotte  
**Xiumin Li**, Northeast Normal University  
**Flavia Chein**, Federal University of Juiz de Fora  
**Juan Tomas Sayago-Gomez**, West Virginia University

**54. Human Capital and Skills Acquisition Friday Nov 13 | 8:00 AM-10:00 AM | Galleria I**

**Chair: Christine Singer**,

- *The Labor Share---A Genome of Footloose Capital Models*, **Han Liang**; **Dao-Zhi Zeng**, Tohoku University
- *Smooth Transitions? Comparing Career Pathways of Secondary Education School Leavers with General and Vocational Education*, **Marten Middeldorp**, University of Groningen; **Arjen Edzes**, University of Groningen; **Jouke van Dijk**, University of Groningen
- *The Transition from Employment to Self-Employment: A Microdata Assessment of the Relationship Between Education and Start-Up Propensity Across Occupations*, **Johan Klaesson**, Jönköping International Business School; **Johan Larsson**, Jönköping International Business School
- *Do Low-Skilled Workers Benefit from Further Training Subsidies?*, **Christine Singer**

**Discussants:**

**Christine Singer**

**Dao-Zhi Zeng**, Tohoku University

**Marten Middeldorp**, University of Groningen

**Johan Klaesson**, Jönköping International Business School

**55. Modeling House Values I Friday Nov 13 | 8:00 AM-10:00 AM | Galleria II**

**Chair: Jeffrey Zabel**, Tufts University

- *Housing Price Index Movements Across U.S. Cities*, **Dan Gerlowski**, University of Baltimore; **Ting Zhang**, University of Baltimore; **Dong Chen**, University of Baltimore
- *Constructing a Hedonic Residential Land Price Index for Israel*, **Doron Sayag**, Israel Central Bureau of Statistics; **Weitzman Nagar**, Bank of Israel
- *Integrating Interviews into a Spatial Agent-Based Model of Housing Price Dynamics in Beijing*, **Ziye Zhang**, Cornell University; **Yuri Surtadi Mansury**, Cornell University
- *Local House Price Diffusion*, **Jeffrey Zabel**, Tufts University; **Jeffrey Cohen**, University of Connecticut

**Discussants:**

**Jeffrey Zabel**, Tufts University

**Dan Gerlowski**, University of Baltimore

**Weitzman Nagar**, Bank of Israel

**Ziye Zhang**, Cornell University

**56. Congestion and Congestion Pricing Friday Nov 13 | 8:00 AM-10:00 AM | Galleria III**

**Chair: Ahmad Mohassel**, University of Arizona

- *Congestion by Accident? A Two-Way Relationship for Highways in England*, **Ilias Pasidis**, University of Barcelona
- *Congestion Pricing Impact Analysis: Advancing a Methodological Approach*, **Arash Beheshtian**, Cornell University; **Omid M. Rouhani**, Cornell University
- *Traffic Demand Elasticity of Toll Pricing for Freight Transportation: Estimation Based on an Empirical Study by the Random Coefficient Ordered Probit Model*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute
- *The Effect of Highway Construction Projects on Congestion: Evidence from California Department of Transportation*, **Ahmad Mohassel**, University of Arizona

**Discussants:**

**Ahmad Mohassel**, University of Arizona

**Ilias Pasidis**, University of Barcelona

**Arash Beheshtian**, Cornell University

**Dapeng Zhang**, Rensselaer Polytechnic Institute

**57. Geocomputation I Friday Nov 13 | 8:00 AM-10:00 AM | Parlor B**

**Organizers: Jean-Claude F. Thill**, University of North Carolina, Charlotte; **Suzana Dragicevic**, Simon Fraser University

**Chair: Daniel A. Griffith**, University of Texas, Dallas

- *Market Entry and Effects of Government Support: U.S. Geospatial Evidence from New-Energy Vehicles*, **Kuming Chang**, Cornell University
- *GeoDa Web -- Enhancing Web-Based Mapping with Spatial Analytics*, **Xun Li**, Arizona State University; **Luc Anselin**, Arizona State University; **Julia Koschinsky**, Arizona State University
- *Comprehensive Multimodal Performance Measure of Transportation and Land Use Systems: Application of Transportation Cost Index in Portland, Oregon*, **Liming Wang**, Portland State University; **Huajie Yang**, Portland State University; **Jenny Liu**, Portland State University; **Brian Gregor**, Oregon Analytics; **Bud Reiff**, Metro Regional Government

**Discussant:**

**Daniel A. Griffith**, University of Texas, Dallas

**58. Taxes and Expenditures Friday Nov 13 | 8:00 AM-10:00 AM | Parlor C**

**Chair: Nathaly M. Rivera Casanoba**, Michigan State University

- *Willingness to Pay for Property Tax in Shanghai, China*, **Huiping Li**, Shanghai University of Finance and Economics (SHUFE); **Yilin Hou**; **Zhongwei Deng**, Shanghai Finance University
- *Tax and Expenditure Limitations and Local Government Structure: Special Districts*, **Judith I. Stallmann**, University of Missouri; **Steve Deller**, University of Wisconsin, Madison; **Craig S. Maher**, University of Nebraska, Omaha
- *Tax Competition and Federal Equalization Schemes with Decentralized Leadership*, **Emilson Caputo Delfino Silva**, University of Alberta
- *Marginal Benefits of the Mining Property Tax on Local Public Expenditures in Chile*, **Nathaly M. Rivera Casanoba**, Michigan State University; **Dusan J. C. Paredes**, Universidad Catolica del Norte

**Discussants:**

**Nathaly M. Rivera Casanoba**, Michigan State University

**Huiping Li**, Shanghai University of Finance and Economics (SHUFE)

**Judith I. Stallmann**, University of Missouri

**Emilson Caputo Delfino Silva**, University of Alberta

**59. Disaster Risk and Resilience Friday Nov 13 | 8:00 AM-10:00 AM | Senate Suite**

**Chair: Christopher B. Goodman**, University of Nebraska, Omaha

- *Social Capital and Efficiency of Earthquake Waste Management in Japan*, **Kiyomi Kawamoto**, Hokkaido University of Education
- *Future Landuse Scenarios for Climate Change Adaptation and Mitigation: A Case Study in Tokyo Metropolitan Area*, **Yoshiki Yamagata**, National Institute for Environmental Studies; **Daisuke Murakami**, National Institute for Environmental Studies; **Hajime Seya**, Hiroshima University
- *Community Resilience, Natural Disaster Risk, and Global Climate Change: Spatio-Temporal Vulnerability and Resiliency in the U.S. Mississippi River Basin*, **Hyun Kim**, University of Wisconsin, Madison
- *The Effect of Suburbanization on Significant Tornado Impacts*, **Christopher B. Goodman**, University of Nebraska, Omaha

**Discussants:**

**Christopher B. Goodman**, University of Nebraska, Omaha

**Kiyomi Kawamoto**, Hokkaido University of Education

**Yoshiki Yamagata**, National Institute for Environmental Studies

**Hyun Kim**, University of Wisconsin, Madison

**60. Spatial Econometrics IV Friday Nov 13 | 8:00 AM-10:00 AM | Executive Suite**

**Organizer and Chair: Giuseppe Arbia**, Università Cattolica del Sacro Cuore, Rome

- *Difference-in-Difference Regression with Spatial Data*, **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *The Longitudinal Effects of Neighborhood Disadvantage on the Political Participation of Young Adults: Can Peer Groups Mitigate the Impact?*, **Gbenga Ajilore**, University of Toledo; **Gayle Alberda**, Drake University
- *Parcel-Level Land Development Dynamics: A Spatial and Temporal Autologistic Model*, **Emre Tepe**, Ohio State University; **Jean-Michel Guldman**, Ohio State University

**Discussants:**

**Emre Tepe**, Ohio State University

**Raymond J. G. M. Florax**, Purdue University

**Gbenga Ajilore**, University of Toledo

**61. Regional/Rural Development IV: Human Capital and Policy Friday Nov 13 | 8:00 AM-10:00 AM | Studio Suite**

**Organizers: Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

**Chair: Eric Thompson**, University of Nebraska, Lincoln

- *Economic Impacts of the Supplemental Nutrition Assistance Program in Nonmetro vs. Metro Counties*, **John Pender**, USDA Economic Research Service

- *Sources of Active Job Search Among the Employed: Implications for the Skills Gap*, **Eric Thompson**, University of Nebraska, Lincoln
- *Reducing Poverty Rates in Nonmetropolitan Counties with Low Human Capital: Is Employment Growth Effective?*, **Alexander Marre**, USDA Economic Research Service

**Discussants:**

**David Mushinski**, Colorado State University  
**Timothy R. Wojan**, USDA Economic Research Service  
**Eric Thompson**, University of Nebraska, Lincoln

**62. UEA 04A: Systems of Cities II Friday Nov 13 | 8:00 AM-10:00 AM | Broadway I**

**Chair: Klaus Desmet**, Southern Methodist University

- *Market Size and Productivity: Evidence of Chinese Cities*, **Yi Niu**, Capital University of Economics and Business; **Chengri Ding**, University of Maryland - College Park
- *History and the Sizes of Cities: A Structural, Partial-Identification Approach to Path Dependence*, **Jeffrey Lin**, Federal Reserve Bank of Philadelphia; **Hoyt Bleakley**, University of Michigan
- *Trade and Inequality in the Spatial Economy*, **David Carson Jinkins**, Copenhagen Business School; **Farid Farrokhi**, Pennsylvania State University
- *The Great Divergence: Guilds and Spatial Competition in England and China*, **Klaus Desmet**, Southern Methodist University; **Avner Greif**, Stanford University; **Stephen L. Parente**, University of Illinois

**Discussants:**

**Klaus Desmet**, Southern Methodist University  
**Yi Niu**, Capital University of Economics and Business  
**Jeffrey Lin**, Federal Reserve Bank of Philadelphia  
**Klaus Desmet**, Southern Methodist University

**63. UEA 04B: Homeownership I Friday Nov 13 | 8:00 AM-10:00 AM | Broadway II**

**Chair: Jonathan Halket**, University of Essex

- *Urbanization and Property Rights*, **Yongyang Cai**, Hoover Institution, Stanford University and Becker-Friedman Institute, University of Chicago; **Harris Selod**, World Bank; **Jevgenijs Steinbuks**, The World Bank, Development Research Group
- *Should We Be Taxed Out of Our Homes? The Optimal Taxation of Housing Consumption*, **David Albouy**, University of Illinois, Urbana-Champaign
- *The Effect of Home Ownership on Job Matching Quality*, **Xi Yang**, University of Southern California
- *A Selection Model of Hedonic House Values and Rents*, **Jonathan Halket**, University of Essex

**Discussants:**

**Jonathan Halket**, University of Essex  
**Harris Selod**, World Bank  
**David Albouy**, University of Illinois, Urbana-Champaign  
**Xi Yang**, University of Southern California

**64. UEA 04C: Urban Transportation Empirics Friday Nov 13 | 8:00 AM-10:00 AM | Broadway III**

**Chair: Ismir Mulalic**, Technical University of Denmark

- *Is Highway Access Good for Your Tax Base?*, **Raphael Parchet**, University of Lugano; **Stephan Fretz**, McKinsey&Company
- *From Periphery to Core: Measuring Agglomeration Effects Using High-Speed Rail*, **Gabriel Ahlfeldt**, London School of Economics; **Arne Feddersen**, University of Southern Denmark
- *Estimating the Impact of High-Speed Rail on Economic Geography: Quasi-Experimental Evidence from Japan*, **Zhigang Li**, Asian Development Bank; **Hangtian Xu**, Hunan University
- *Public Transport and Car Ownership: Evidence from the Copenhagen Metropolitan Area*, **Ismir Mulalic**, Technical University of Denmark; **Jan Rouwendal**, Free University, Amsterdam; **Ninette Pilegaard**, Technical University of Denmark

**Discussants:**

**Ismir Mulalic**, Technical University of Denmark  
**Raphael Parchet**, University of Lugano  
**Gabriel Ahlfeldt**, London School of Economics  
**Zhigang Li**, Asian Development Bank

## **10:00 AM-10:30 AM**

**Coffee Break Friday Nov 13 | 10:00 AM-10:30 AM | Grand Ballroom Foyer**

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

**RSAI Council Meeting (Invitation Only) Friday Nov 13 | 10:30 AM-12:30 PM | Forum Suite**

### **65. Urban Economic Theory II Friday Nov 13 | 10:30 AM-12:30 PM | Broadway IV**

**Chair: Jan Brueckner**, University of California, Irvine

- *Relationship Between Urban Population Growth and Utility Level of Workers with Heterogeneity of Labor Efficiency*, **Mitsuru Ota**, University of Tsukuba
- *A Typology of Urban Centers and Subcenters in German City Regions*, **Angelika Krehl**, Research Institute for Regional and Urban Development (ILS); **Stefan Siedentop**, Research Institute for Regional and Urban Development (ILS)
- *Has Exurban Growth Slowed? An Examination of Housing Supply, Land Restrictions, and the Recent Housing Boom-Bust in the Baltimore Metropolitan Region*, **Douglas Wrenn**, Pennsylvania State University; **Elena G. Irwin**, Ohio State University; **Allen Klaiber**, Ohio State University
- *Parking and Urban Form*, **Jan Brueckner**, University of California, Irvine; **Sofia F. Franco**, Nova School of Business and Economics

#### **Discussants:**

**Jan Brueckner**, University of California, Irvine

**Mitsuru Ota**, University of Tsukuba

**Angelika Krehl**, Research Institute for Regional and Urban Development (ILS)

**Elena G. Irwin**, Ohio State University

### **66. Renewable Energy and Conservation Friday Nov 13 | 10:30 AM-12:30 PM | Cabinet Suite**

**Chair: Olesya Savchenko**, University of Illinois, Urbana Champaign

- *Renewable Energy System Adoption and the Principal-Agent Problem*, **Jaewoo Cho**, University of California, Irvine; **Jae Hong Kim**, University of California, Irvine
- *State Tax Breaks for Conservation: Do They Work?*, **Maria Edisa Soppelsa**, University of Illinois, Urbana-Champaign
- *Land Assembly, Biodiversity Offset and Urban Land Use: A Dynamic Urban Growth Model Approach*, **Junya Fukumoto**, Tohoku University; **Yanfen Feng**, Tohoku University
- *Who Benefits from Renewable Energy? Evidence from Indonesia*, **Olesya Savchenko**, University of Illinois, Urbana Champaign; **Kathy Baylis**, University of Illinois, Urbana-Champaign

#### **Discussants:**

**Olesya Savchenko**, University of Illinois, Urbana Champaign

**Jaewoo Cho**, University of California, Irvine

**Maria Edisa Soppelsa**, University of Illinois, Urbana-Champaign

**Junya Fukumoto**, Tohoku University

### **67. Local and Regional Inequality Friday Nov 13 | 10:30 AM-12:30 PM | Council Suite**

**Chair: Sudhir K. Thakur**, California State University, Sacramento

- *Local Governments and Income Inequality Across U.S. Counties*, **Victor H. Iturra**, Ohio State University; **Mark Partridge**, Ohio State University; **Linda Lobao**, Ohio State University

- *Do Right to Work Laws Worsen Income Inequality? Evidence from the Last Five Decades*, **Abdul Munasib**, University of Georgia; **Aparna Mathur**, American Enterprise Institute; **Devesh Roy**, IFPRI; **Jeffrey Jordan**, University of Georgia
- *Economic Impact of High-Speed Rail on Regional Income Inequality in China*, **Feiyang Sun**, Cornell University; **Yuri Surtadi Mansury**, Cornell University
- *Spatial Dynamics and Regional Inequality in India (1971-2011): An Exploratory Data Analysis*, **Sudhir K. Thakur**, California State University, Sacramento

**Discussants:**

**Sudhir K. Thakur**, California State University, Sacramento  
**Victor H. Iturra**, Ohio State University  
**Abdul Munasib**, University of Georgia  
**Feiyang Sun**, Cornell University

**68. Regional Policy II Friday Nov 13 | 10:30 AM-12:30 PM | Directors Suite**

**Chair: Andreas Daniel Mazat**, ifo Institute

- *Continuous Strategy Networks of R&D Collaborations in Oligopoly*, **Yih-Luan Chyi**, National Tsing Hua University; **Chih-Sheng Hsieh**, Chinese University of Hong Kong; **Chia-Ming Yu**, National Tsing Hua University
- *Large Establishments and Local Retailers: Evidence from Commercial Regulations*, **Maria Sánchez-Vidal**, London School of Economics
- *Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis*, **Amit Batabyal**, Rochester Institute of Technology; **Peter Nijkamp**, VU University Amsterdam
- *Broadband Infrastructure and Entrepreneurship*, **Oliver Falck**, ifo Institute; **Andreas Daniel Mazat**, ifo Institute; **Bastian Stockinger**, IAB Institute for Employment Research

**Discussants:**

**Andreas Daniel Mazat**, ifo Institute  
**Chia-Ming Yu**, National Tsing Hua University  
**Maria Sánchez-Vidal**, London School of Economics  
**Amit Batabyal**, Rochester Institute of Technology

**69. Immigration Policy and Destination Choice Friday Nov 13 | 10:30 AM-12:30 PM | Galleria I**

**Chair: Janet E. Kohlhase**, University of Houston

- *Unauthorized Immigration, Transit States, and Fiscal Competition*, **Subhayu Bandyopadhyay**, Federal Reserve Bank of St. Louis; **Santiago M. Pinto**, Federal Reserve Bank of Richmond
- *Immigration Policy, High Skilled Dependents, and Brain Waste in the U.S.*, **Natasha Duncan**, Purdue University; **Ayoung Kim**, Purdue University; **Brigitte Waldorf**, Purdue University
- *Determinants of Illegal Immigrants Choice to Locate in USA*, **Juan Tomas Sayago-Gomez**, West Virginia University
- *Which City? Location of Immigrants in Sweden*, **Mikaela Backman**, Jönköping International Business School; **Janet E. Kohlhase**, University of Houston

**Discussants:**

**Janet E. Kohlhase**, University of Houston  
**Santiago M. Pinto**, Federal Reserve Bank of Richmond  
**Natasha Duncan**, Purdue University  
**Juan Tomas Sayago-Gomez**, West Virginia University

**70. Modeling House Values II Friday Nov 13 | 10:30 AM-12:30 PM | Galleria II**

**Chair: Yiming Wang**, University College London

- *Hedonic Prices and the Benefit of a Nonmarginal Amenity Improvement in an Urban Setting*, **David Pines**, Tel Aviv University
- *Crime, School Quality and Housing Prices*, **Paulo Guimaraes**, European Central Bank; **Joseph Von Nessen**, University of South Carolina; **Douglas P. Woodward**, University of South Carolina

- *The Impact of Flood on Residential Land Value: An Evidence of the Bangkok Metropolitan Region*, **Sutee Anantsuksomsri**, Waseda University; **Nij Tontisirin**, Thammasat University; **Teetuch Trepermsub**, Thammasat University
- *What Raises More Rental Value for Cheap versus Expensive Residential Properties? Evidence from Shanghai Based on a Quantile Spatial Hedonic Model*, **Yiming Wang**, University College London

**Discussants:**

**Yiming Wang**, University College London  
**David Pines**, Tel Aviv University  
**Douglas P. Woodward**, University of South Carolina  
**Sutee Anantsuksomsri**, Waseda University

**71. Public Transit Friday Nov 13 | 10:30 AM-12:30 PM | Galleria III**

**Chair: Paolo Avner**, World Bank

- *Dynamic Public Transit Accessibility: Comparing the Effects of Infrastructure (Dis)investments over Time*, **Steven Farber**, University of Toronto, Scarborough; **Liwei Fu**, University of Utah
- *Public Transportation in U.S. Rural and Small Urban Areas: Towards a Comprehensive Accessibility-Based, People-Oriented Systems Evaluation*, **V. Dimitra Pyrialakou**, Purdue University; **Konstantina Gkritza**, Purdue University
- *Equity Implications of the Subway Network Expansion in a Metropolitan Area*, **Yena Song**, Chonnam National University; **Hyun Kim**, University of Tennessee; **Keumsook Lee**, Sungshin Women's University
- *Enhancing Accessibility: What Contribution of Land Use Changes in Nairobi?*, **Paolo Avner**, World Bank; **Somik V. Lall**, World Bank

**Discussants:**

**Paolo Avner**, World Bank  
**Steven Farber**, University of Toronto, Scarborough  
**V. Dimitra Pyrialakou**, Purdue University  
**Yena Song**, Chonnam National University

**72. Geocomputation II Friday Nov 13 | 10:30 AM-12:30 PM | Parlor B**

**Organizers: Suzana Dragicevic**, Simon Fraser University; **Jean-Claude F. Thill**, University of North Carolina, Charlotte

**Chair: Liming Wang**, Portland State University

- *A Geo-Computation Approach to Study Creation and Diffusion of Knowledge Across Creative Industries in Metro Areas*, **Marcos Valdivia**, National University of Mexico
- *Re-Reading Politics in the News: Computation Beyond Event-Based Representations*, **Samuel Stehle**, Pennsylvania State University
- *A Framework to Examine the Environmental Dimension of Urbanization in Brazil*, **Monica Amaral Haddad**, Iowa State University; **Ana Clara Mourao Moura**, Federal University of Minas Gerais

**Discussant:**

**Liming Wang**, Portland State University

**73. Warning!: Issues Related to Scale, Data, and Inference Friday Nov 13 | 10:30 AM-12:30 PM | Parlor C**

**Chair: Timothy R. Wojan**, USDA Economic Research Service

- *"The Scale We Use, the World We See": A Contextual Analysis of Extreme Right Voting and Attitudes Towards Immigrants and Immigration in Belgium*, **Quentin David**, Univesite de Lille; **Jean-Benoit Pilet**, Université Libre de Bruxelles; **Gilles Van Hamme**, Université Libre de Bruxelles
- *Shining Light on Erroneous Use of China's Sub-National Data*, **John Gibson**, University of Waikato; **Chao Li**, University of Waikato
- *Pseudo Margins of Error for Metrics Derived from American Community Survey Data*, **David Folch**, Florida State University
- *A Glitch in the Matrix? Moneyball for Government and the Cult of Statistical Significance*, **Timothy R. Wojan**, USDA Economic Research Service

**Discussants:**

**Timothy R. Wojan**, USDA Economic Research Service  
**Quentin David**, Univesite de Lille  
**John Gibson**, University of Waikato  
**David Folch**, Florida State University

**74. Social Capital and the People Friday Nov 13 | 10:30 AM-12:30 PM | Senate Suite**

**Chair: Matthew Roskruge**, University of Waikato

- *Migrants' Social Capital Investment Decisions: To Bond or to Bridge?*, **Zhiling Wang**, VU University Amsterdam
- *Migration Decision of Temporal Migrant Workers and Social Capital in Rural Regions*, **Kakuya Matsushima**, Kyoto University; **Kiyoshi Kobayashi**, Kyoto University; **Gunawan Praytno**, Brawijaya University
- *What Goes Around Comes Around: A Structural Equation Modelling Approach on Social Capital, Income and Immigration Aversion*, **Marco Savioli**, University of Bologna; **Roberto Patuelli**, University of Bologna; **Maurizio Mussoni**, University of Bologna
- *Understanding the Relationship Between Regional Population Diversity and Social Capital Formation*, **Matthew Roskruge**, University of Waikato; **Jacques Poot**, University of Waikato

**Discussants:**

**Matthew Roskruge**, University of Waikato  
**Zhiling Wang**, VU University Amsterdam  
**Kakuya Matsushima**, Kyoto University  
**Roberto Patuelli**, University of Bologna

**75. Spatial Econometrics V Friday Nov 13 | 10:30 AM-12:30 PM | Executive Suite**

**Organizer and Chair: Giuseppe Arbia**, Università Cattolica del Sacro Cuore, Rome

- *Healthcare Expenditure and Mobility Across Italian Regions: A Spatial Econometric Analysis*, **Fabrizio Renzi**, Bank of Italy; **Giorgio Dr Ivaldi**, Bank of Italy; **Stefano Dr Ranucci**, Bank of Italy; **Stefano Dr Ranucci**, Bank of Italy
- *Anisotropic Uncertainty in Spatial Data: A Gaussian Process Regression Approach with Bayesian Model Averaging*, **Jacob Dearmon**, Oklahoma City University; **Tony E. Smith**, University of Pennsylvania

**Discussants:**

**Tony E. Smith**, University of Pennsylvania  
**Fabrizio Renzi**, Bank of Italy

**76. Regional/Rural Development V: Wealth Creation Friday Nov 13 | 10:30 AM-12:30 PM | Studio Suite**

**Organizers: Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

**Chair: John Pender**, USDA Economic Research Service

- *How Effective are Rural Business Development Programs? Evaluation of USDA's Rural Business Development Programs*, **Seth Wiggins**, USDA Economic Research Service; **Anil Rupasingha**, USDA Economic Research Service
- *Personal Bankruptcy, Entrepreneurship, Innovation and Funding Rates: A Principal Agent Model*, **Ignacio Correas**, Colorado State University
- *Linkages Between Rural Community Wealth and Health Care Provision: Initial Findings of a Survey of 150 Small Rural Towns*, **John Pender**, USDA Economic Research Service; **M. Vivian Hughes**, USDA Economic Research Service

**Discussants:**

**Ignacio Correas**, Colorado State University  
**John Pender**, USDA Economic Research Service  
**Seth Wiggins**, USDA Economic Research Service

**77. UEA 05A: Housing Supply and Tall Buildings Friday Nov 13 | 10:30 AM-12:30 PM | Broadway I**

**Chair: Daniel Paul McMillen**, University of Illinois, Urbana-Champaign

- *Supply Constraints Are Not Valid Instrumental Variables for Home Prices Because They Are Correlated with Many Demand Factors*, **Thomas Davidoff**, University of British Columbia



- *The Production Function for Housing: Evidence from France*, **Pierre-Philippe Combes**, University of Aix-Marseille; **Gilles Duranton**, University of Pennsylvania; **Laurent Gobillon**, INED
- *The Vertical City: Rent Gradients and Spatial Structure*, **William Strange**, University of Toronto; **Stuart S. Rosenthal**, Syracuse University; **Crocker Liu**, Cornell University
- *The Vertical City: The Price of Land and the Height of Buildings in Chicago 1870-2010*, **Gabriel Ahlfeldt**, London School of Economics; **Daniel Paul McMillen**, University of Illinois, Urbana-Champaign

**Discussants:**

**Daniel Paul McMillen**, University of Illinois, Urbana-Champaign  
**Thomas Davidoff**, University of British Columbia  
**Laurent Gobillon**, INED  
**William Strange**, University of Toronto

**78. UEA 05B: Neighborhood Effects Friday Nov 13 | 10:30 AM-12:30 PM | Broadway II**

**Chair: Eleonora Patacchini**, Cornell University

- *Diversity and Employment Prospects: Neighbors Matter!*, **Camille Hemet**, Paris School of Economics; **Clément Malgouyres**, Banque de France
- *Endogenous Social Networks and Inequality: Spatial Aspects*, **Yannis M. Ioannides**, Tufts University
- *Estimating the Willingness to Pay for Amenities with a Difference-in-Difference Hedonic Approach Based on an Inter-Temporal Equilibrium Model*, **Tatsuhito Kono**, Tohoku University; **Keisuke Tanaka**, Tohoku University
- *Neighborhood Effects in Education*, **Eleonora Patacchini**, Cornell University

**Discussants:**

**Eleonora Patacchini**, Cornell University  
**Camille Hemet**, Paris School of Economics  
**Yannis M. Ioannides**, Tufts University  
**Tatsuhito Kono**, Tohoku University

**79. UEA 05C: Misallocation and Inequality Friday Nov 13 | 10:30 AM-12:30 PM | Broadway III**

**Chair: Fariha Kamal**, U.S. Census Bureau

- *The Alibaba Effect: Spatial Consumption Inequality and the Welfare Gains from e-Commerce*, **Jingting Fan**, University of Maryland; **Lixin Tang**, Shanghai University of Finance and Economics; **Weiming Zhu**, University of Maryland - College Park; **Ben Zou**, Michigan State University
- *Retail Markups, Misallocation, and Store Variety in the U.S.*, **Colin Joseph Hottman**, Board of Governors of the FRS
- *The Misallocation of Land and Other Factors of Production in India*, **Gilles Duranton**, University of Pennsylvania; **Ejaz Ghani**, World Bank; **Arti Grover**, World Bank; **William Kerr**, Harvard University
- *Spatial Concentration of Buyer-Seller Matches in International Trade: The Role of Institutions and Infrastructure*, **Fariha Kamal**, U.S. Census Bureau; **Asha Sundaram**, University of Cape Town

**Discussants:**

**Fariha Kamal**, U.S. Census Bureau  
**Ben Zou**, Michigan State University  
**Colin Joseph Hottman**, Board of Governors of the FRS  
**Gilles Duranton**, University of Pennsylvania

**12:30 PM-2:30 PM**

**RSAI Fellows Luncheon (Invitation Only) Friday Nov 13 | 12:30 PM-2:30 PM | Location TBA**

**1:30 PM-3:30 PM**

**80. Water as Resource and Constraint Friday Nov 13 | 1:30 PM-3:30 PM | Cabinet Suite**

**Chair: Christopher Severen**, University of California, Santa Barbara

- *Island as Bad Geography. Insularity, Connectedness, Trade Costs and Trade*, **Anna Maria Maria Pinna**, University of Cagliari, CRENoS; **Luca De Benedictis**, University of Macerata
- *Assessing the Most Stringent Water Management System of China toward 2030: Based on a Dynamic CGE Model with the Water Parallel Pricing System*, **Shuai Zhong**, Chinese Academy of Sciences; **Lei Shen**, Institute of Geographic Sciences and Natural Resources Research; **Mitsuru Okiyama**, Reitaku University; **Suminori Tokunaga**, Reitaku University
- *Geographic Concentration in the Northeast U.S. Sea Scallop Fishery*, **Min-Yang Lee**, NOAA Fisheries; **Cameron L. Speir**, NOAA Fisheries; **Andrew Carr-Harris**, University of Rhode Island
- *Coastal Land Use Regulation and Amenities*, **Christopher Severen**, University of California, Santa Barbara; **Andrew Plantinga**, University of California, Santa Barbara

**Discussants:**

**Christopher Severen**, University of California, Santa Barbara  
**Anna Maria Maria Pinna**, University of Cagliari, CRENoS  
**Shuai Zhong**, Chinese Academy of Sciences  
**Min-Yang Lee**, NOAA Fisheries

**81. Trade: Regional and Territorial Friday Nov 13 | 1:30 PM-3:30 PM | Council Suite**

**Chair: Mark Brown**, Statistics Canada

- *The Demand and Supply of Territories*, **Mona Kashiha**, Boston College; **Ben Li**, Boston College
- *Pro-Competitive Effects and Harm from Gradual Trade Liberalization*, **Igor Bykadorov**, Ca' Foscari University/ NRU HSE; **Sergey Kokovin**, NRU HSE/NRU NSU; **Andrea Ellero**, Università Ca' Foscari Venezia; **Stefania Funari**, Ca Foscari University of Venice; **Pavel Molchanov**, Higher School of Economics
- *The Competitiveness of Italian Regions in a Network of Global Value Chains*, **Luca Cherubini**, Bank of Italy; **Bart Los**, University of Groningen
- *Measuring Interprovincial Barriers to Trade in Canada, 2002 to 2008*, **Mark Brown**, Statistics Canada; **Jesse Tweedle**, University of Calgary; **Robby Bemrose**, Statistics Canada

**Discussants:**

**Mark Brown**, Statistics Canada  
**Mona Kashiha**, Boston College  
**Igor Bykadorov**, Ca'Foscari University/ NRU HSE  
**Bart Los**, University of Groningen

**82. Local Development Strategies Friday Nov 13 | 1:30 PM-3:30 PM | Directors Suite**

**Chair: Oliver M. Fritz**, Austrian Institute of Economic Research (WIFO)

- *Brewing Growth: Regional Craft Breweries and Emerging Economic Development Opportunities*, **Neil Reid**, University of Toledo; **Jay Gatrell**, Bellarmine University
- *Where Do Music Festivals Come From? (And Where Do They Go?)*, **Patrick J. Adler**, University of California, Los Angeles
- *The Impact of Legalized Casino Gambling on Crime*, **Mark W. Nichols**, University of Nevada; **Mehmet Tosun**, University of Nevada, Reno
- *Developing Tourism Strategies for a Small, Heterogenous Region: The Case of Styria, Austria*, **Oliver M. Fritz**, Austrian Institute of Economic Research (WIFO)

**Discussants:**

**Oliver M. Fritz**, Austrian Institute of Economic Research (WIFO)  
**Neil Reid**, University of Toledo  
**Patrick J. Adler**, University of California, Los Angeles  
**Mark W Nichols**, University of Nevada

**83. Spatial Analysis: Applications I Friday Nov 13 | 1:30 PM-3:30 PM | Executive Suite**

**Chair: Myrna L. Sastre Gutierrez**, Universidad Autonoma de Coahuila

- *Spatial Neighborhood Effects on Efficiency in the Use of Microcredits of Rural Women in Guatemala*, **Coro Chasco**, Universidad Autónoma de Madrid; **Maricruz Lacalle-Calderón**, Universidad Autonoma de Madrid; **Dusan J. C. Paredes**, Universidad Catolica del Norte

- *A Spatiotemporal Statistical Analysis of Transportation Network and Urban Growth in Japan in 1970-2010*, **Daisuke Murakami**, National Institute for Environmental Studies; **Yoshiki Yamagata**, National Institute for Environmental Studies
- *The Relationship Between Alcohol Outlet Density and Violence: Spatial Panel Results for New Zealand*, **Michael P. Cameron**, University of Waikato; **William Cochrane**, University of Waikato
- *Space-Time Distribution Dynamics of Human Development in Mexico: A Fifty Year Overview*, **Myrna L. Sastre Gutierrez**, Universidad Autonoma de Coahuila; **Sergio J. Rey**, Arizona State University

**Discussants:**

**Myrna L. Sastre Gutierrez**, Universidad Autonoma de Coahuila  
**Coro Chasco**, Universidad Autónoma de Madrid  
**Daisuke Murakami**, National Institute for Environmental Studies  
**Michael P. Cameron**, University of Waikato

**84. Cities and Agglomeration Friday Nov 13 | 1:30 PM-3:30 PM | Forum Suite**

**Chair: Michal Fabinger**, University of Tokyo

- *Trade Liberalization and Markup Divergence: A General Equilibrium Approach*, **Kristian Behrens**, UQAM; **Sergey Kichko**, Higher School of Economics
- *Cities Trade Pattern*, **Jorge Diaz Lanchas**, Universidad Autonoma de Madrid; **Carlos Llano-Verduras**, Autonomous University of Madrid; **Asier Minondo**, University of Deusto
- *Do National Economies Exist Anymore? Redefining Economics in the Age of Global Cities*, **Marek Banczyk**, Columbia University
- *Analytic Solutions to Models of Agglomeration and Related Numerical Approaches*, **Michal Fabinger**, University of Tokyo

**Discussants:**

**Michal Fabinger**, University of Tokyo  
**Sergey Kichko**, Higher School of Economics  
**Jorge Diaz Lanchas**, Universidad Autonoma de Madrid  
**Marek Banczyk**, Columbia University

**85. Migration and Labor Markets Friday Nov 13 | 1:30 PM-3:30 PM | Galleria I**

**Chair: Andrés Rodríguez-Pose**, London School of Economics

- *The Impact of Work Related Moves on Family Outcomes*, **Susan Payne Carter**, West Point; **Abigail Wozniak**, University of Notre Dame
- *How Do Business Closures Affect Workforce Geography?*, **Cecilie Dohmann Weatherall**, Kraksfond the Institute for Urban Economic Research; **Bitte Håkansson**, Kraksfond Institute for Urban Economic Research
- *Labor Market Distortion Due to Over-investment in Human Capital and Limited Migration*, **Jaewon Lim**, University of Nevada, Las Vegas
- *Does Diversity Enhance the Long-Term Economic Impact of Migration? Evidence from the U.S.*, **Andrés Rodríguez-Pose**, London School of Economics; **Viola von Berlepsch**, London School of Economics

**Discussants:**

**Andrés Rodríguez-Pose**, London School of Economics  
**Susan Payne Carter**, West Point  
**Cecilie Dohmann Weatherall**, Kraksfond the Institute for Urban Economic Research  
**Jaewon Lim**, University of Nevada, Las Vegas

**86. Modeling House Values III Friday Nov 13 | 1:30 PM-3:30 PM | Galleria II**

**Chair: Hal Martin**, Federal Reserve Bank of Cleveland

- *Housing Prices and the Comparative Advantage of Cities*, **Jinyue Li**, University of Minnesota/City University of Hong Kong
- *Using Refined Measures of Price Momentum for Improving Empirical Models Estimated for Different Phases of a Housing Price Cycle*, **Boris A. Portnov**, University of Haifa; **Charles Ingene**, University of Oklahoma; **Sagi Akron**, University of Haifa

- *Housing Quality in Cali, Colombia: A Hedonic Price Model and Aggregate Spatial Analysis*, **Mauricio Quinones**, University of North Carolina, Charlotte
- *The Impact of Housing Tax Preferences on Local Home Values and Neighborhood Sorting*, **Hal Martin**, Federal Reserve Bank of Cleveland

**Discussants:**

**Hal Martin**, Federal Reserve Bank of Cleveland  
**Jinyue Li**, University of Minnesota/City University of Hong Kong  
**Boris A. Portnov**, University of Haifa  
**Mauricio Quinones**, University of North Carolina, Charlotte

**87. Urban Form and Transportation Friday Nov 13 | 1:30 PM-3:30 PM | Galleria III**

**Chair: Marlon G. Boarnet**, University of Southern California

- *CAFE Standards, Rebound Effects and Urban Form*, **Waldemar Marz**, ifo Institute; **Frank Goetzke**, University of Louisville
- *Mitigating the Adverse Impacts of Higher Transit Prices Through Construction Subsidies: Exploration Through a Land-Use Transport Model*, **Paolo Avner**, World Bank; **Shomik Mehndiratta**, World Bank; **Stephane Hallegatte**, World Bank; **Vincent Viguié**, Ecole des Ponts ParisTech
- *Modal Choice and Transit Development in a City with Multiple Business Centers*, **Quentin David**, Univesite de Lille; **Moez Kilani**, Universite de Lille
- *Urban Spatial Structure, Employment Sub-centers and VMT: Evidences in Southern California*, **Marlon G. Boarnet**, University of Southern California; **Xize Wang**, University of Southern California

**Discussants:**

**Marlon G. Boarnet**, University of Southern California  
**Waldemar Marz**, ifo Institute  
**Paolo Avner**, World Bank  
**Quentin David**, Univesite de Lille

**88. Geocomputation III Friday Nov 13 | 1:30 PM-3:30 PM | Parlor B**

**Organizers: Jean-Claude F. Thill**, University of North Carolina, Charlotte; **Suzana Dragicevic**, Simon Fraser University

**Chair: Luc Anselin**, Arizona State University

- *Computational Issues in Conditional Permutation Inference for LISA Statistics*, **Luc Anselin**, Arizona State University; **Sergio J. Rey**, Arizona State University; **Jason Laura**, Arizona State University
- *Comparing Interpolated and Dasymetric Data for Use in Spatial Segregation Measures*, **Christopher S. Fowler**, Pennsylvania State University
- *Assessment of Rasterized Vulnerability Indicators and Spatial Analysis Applications of Overlay Methods*, **Wen-Yen Lin**, Ming Chuan University; **Chi-tung Hung**, Ming Chuan University
- *Extreme Eigenvalues of Irregular Surface Partitionings: Approximations and Implementations*, **Daniel A. Griffith**, University of Texas, Dallas; **Roger Bivand**, Norwegian School of Economics (NHH); **Yongwan Chun**, University of Texas, Dallas

**Discussant:**

**Luc Anselin**, Arizona State University

**89. Applications of Econometric Models I Friday Nov 13 | 1:30 PM-3:30 PM | Parlor C**

**Chair: Bern Caudill Dealy**, University of New Mexico

- *A State-Level Analysis of Okun's Law*, **Ruben Hernandez**, Federal Reserve Bank of Cleveland; **Amy Y. Guisinger**, George Washington University; **Michael T. Owyang**, Federal Reserve Bank of St. Louis
- *Stochastic Pricing and Supply Chain Management in a Dynamic Network Economy*, **Amir Meimand**, Zilliant; **Terry L. Friesz**, Pennsylvania State University
- *Variance of Tax Revenue Portfolio and Critical Infrastructure Resilience*, **Bern Caudill Dealy**, University of New Mexico; **Vanessa N. Vargas**, Sandia National Laboratories

**Discussants:**

**Bern Caudill Dealy**, University of New Mexico  
**Ruben Hernandez**, Federal Reserve Bank of Cleveland  
**Amir Meimand**, Zilliant

**90. Regional Economic Effects of Disasters I Friday Nov 13 | 1:30 PM-3:30 PM | Senate Suite**

**Organizer:** Yasuhide Okuyama, University of Kitakyushu

- *Economic Consequence Analysis Tool (E-CAT) for Disasters*, **Adam Rose**, University of Southern California; **Fynn Prager**, University of Southern California; **Zhenhua Chen**, University of Southern California; **Sam Chatterjee**, PNNL
- *Evaluating Economic Effects of Production Activities in Zones Surrounding the Nuclear Power Station*, **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Yuzuru Miyata**, Toyohashi University of Technology
- *Quantitative Vulnerability Assessment of Spatially Dispersed Critical Infrastructure Networks in the Face of Extreme Weather Events: Advancing the Methodology*, **Arash Beheshtian**, Cornell University; **Kieran Donaghy**, Cornell University

**Discussants:**

**Hiroyuki Shibusawa**, Toyohashi University of Technology  
**Arash Beheshtian**, Cornell University  
**Adam Rose**, University of Southern California

**91. Regional/Rural Development VI: Health Care Friday Nov 13 | 1:30 PM-3:30 PM | Studio Suite**

**Organizers:** **David Mushinski**, Colorado State University; **Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

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

- *The Impacts of Medicaid Expansion on Rural Low-Income Adults -- Lessons from the Oregon Health Insurance Experiment*, **Heidi Allen**, Columbia University; **Bill Wright**, Providence Portland Medical Center; **Lauren Broffman**, Providence Portland Medical Center
- *The Human Cost of Pharmaceutical Money*, **Jason Parker**, Michigan State University; **Scott Loveridge**, Michigan State University
- *The Role of Regional Factors in Determining Behavioral Health*, **Assa Dembele**, Michigan State University; **Scott Loveridge**, Michigan State University
- *The Impact of Oregon Tort Reform on Cesarean Sections in Portland, Oregon*, **Aanston Frazier**, Colorado State University; **David Mushinski**, Colorado State University

**Discussants:**

**Scott Loveridge**, Michigan State University  
**Aanston Frazier**, Colorado State University  
**David Mushinski**, Colorado State University  
**Heidi Allen**, Columbia University

**92. UEA 06A: Homeownership II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway I**

**Chair:** **Edward Coulson**, University of Nevada, Las Vegas

- *The Effects of Macprudential Mortgage Insurance Regulation During a Housing Boom: Evidence from Canada*, **Lu Han**, University of Toronto
- *Default Option Exercise over the Financial Crisis and Beyond*, **Stuart A. Gabriel**, University of California, Los Angeles
- *Optimal Sharing of Interest-Rate Risk in Mortgage Contracts: The Effects of Potential Prepayment and Default*, **Jan Brueckner**, University of California, Irvine; **Kangoh Lee**, San Diego State University
- *Are New Homes Special?*, **Edward Coulson**, University of Nevada, Las Vegas; **Adele Morris**, Brookings Institution; **Helen Neill**, University of Nevada - Las Vegas

**Discussants:**

**Edward Coulson**, University of Nevada, Las Vegas  
**Lu Han**, University of Toronto

**Stuart A. Gabriel**, University of California, Los Angeles  
**Jan Brueckner**, University of California, Irvine

**93. UEA 06B: Empirics of Agglomeration II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway II**

**Chair: Shimeng Liu**, University of Southern California

- *Regional Concentration of Industry in China*, **Stephen Sheppard**, Williams College; **Daniel Zhao**, Federal Reserve Bank of Boston
- *What Are the Returns to Regional Mobility? Evidence from Mass Layoffs*, **Wolfgang Dauth**, IAB and University of Wuerzburg; **Sebastian Findeisen**, University of Mannheim; **Attila Lindner**, University of California, Berkeley
- *Agglomeration, Urban Wage Premiums, and College Majors*, **Shimeng Liu**, University of Southern California

**Discussants:**

**Shimeng Liu**, University of Southern California

**Stephen Sheppard**, Williams College

**Wolfgang Dauth**, IAB and University of Wuerzburg

**94. UEA 06C: Local Labor Markets II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway III**

**Chair: Nathalie Picarelli**, London School of Economics

- *Search, Labor Supply and Unemployment of Married Women in Cities*, **Paola L. Montero Ledezma**, Stockholm University; **Wei Xiao**, Southwestern University of Finance and Economics; **Yves Zenou**, Stockholm University
- *Elastic Labor Supply and Agglomeration*, **Takanori Ago**, Senshu University; **Kazuhiro Yamamoto**, Osaka University; **Tadashi Morita**, Kindai University; **Takatoshi Tabuchi**, University of Tokyo
- *The Urban Wage Premium in Imperfect Labour Markets*, **Boris Hirsch**, University of Erlangen-Nuernberg; **Elke J. Jahn**, Institute for Employment Research (IAB) & University of Bayreuth; **Michael Oberfichtner**, University of Erlangen-Nuernberg & Institute for Employment Research (IAB)
- *Estimating the Effect of Subsidized Housing on Labor Supply: Evidence from South Africa*, **Nathalie Picarelli**, London School of Economics

**Discussants:**

**Nathalie Picarelli**, London School of Economics

**Wei Xiao**, Southwestern University of Finance and Economics

**Kazuhiro Yamamoto**, Osaka University

**Michael Oberfichtner**, University of Erlangen-Nuernberg & Institute for Employment Research (IAB)

**95. UEA 06D: Innovation in Space Friday Nov 13 | 1:30 PM-3:30 PM | Broadway IV**

**Chair: Steven Brakman**, University of Groningen

- *Do STEM and Non-STEM College Graduates Increase Innovation? Evidence from U.S. Metropolitan Areas*, **John V. Winters**, Oklahoma State University
- *Space Race: Learning and Productivity in Cities*, **Alex Whalley**, University of California, Merced
- *The Location of Cross-Border Mergers & Acquisitions in the USA*, **Steven Brakman**, University of Groningen; **Harry Garretsen**, University of Groningen; **Charles Van Marrewijk**, University of Utrecht
- *A Quantitative Analysis of Goods Flow and City Size*, **Thomas J. Holmes**, University of Minnesota; **Ethan Singer**, University of Minnesota

**Discussants:**

**Thomas J. Holmes**, University of Minnesota

**John V. Winters**, Oklahoma State University

**Alex Whalley**, University of California, Merced

**Steven Brakman**, University of Groningen

**3:30 PM-4:00 PM**

**Coffee Break Friday Nov 13 | 3:30 PM-4:00 PM | Grand Ballroom Foyer**

## 4:00 PM-6:00 PM

### 96. Agriculture and Water Issues *Friday Nov 13 | 4:00 PM-6:00 PM | Cabinet Suite*

**Chair:** **Alberto Franco**, University of Extremadura

- *Impact of Public Irrigation Projects on Poverty in Brazilian Semi-Arid*, **Renata M. Caldas**, Federal University of Pernambuco; **Yony Sampaio**, Pimes - UFPE
- *Water Resource Risk and Farm Exit in the High Plains Aquifer System*, **Vanessa N. Vargas**, Sandia National Laboratories; **Bern Caudill Dealy**, University of New Mexico
- *Irrigation and Land Use Choice: A Dynamic Application to the Bajio Aquifers in Mexico*, **Alberto Hernandez Morales**, Cornell University
- *Impacts of a Regional Agri-Food Industry on Economy and Water Environment: The Case of the Spanish Region of Extremadura*, **Alberto Franco**, University of Extremadura; **Xueqin Zhu**, University of Wageningen

#### Discussants:

**Alberto Franco**, University of Extremadura

**Renata M. Caldas**, Federal University of Pernambuco

**Vanessa N. Vargas**, Sandia National Laboratories

**Alberto Hernandez Morales**, Cornell University

### 97. Trade: International *Friday Nov 13 | 4:00 PM-6:00 PM | Council Suite*

**Chair:** **Javier Barbero**, Universidad Autónoma de Madrid

- *International Trade as a Determinant of Social Capital: Evidence from Cross-Country Data*, **Luz Saavedra**, University of St. Thomas; **Robert Riley**, University of St. Thomas
- *Do Larger Countries Have Higher Welfare?*, **Hajime Takatsuka**, Kagawa University; **Dao-Zhi Zeng**, Tohoku University
- *Endogenous Labor Supply and International Trade*, **Takatoshi Tabuchi**, University of Tokyo; **Takanori Ago**, Senshu University; **Tadashi Morita**, Kindai University; **Kazuhiro Yamamoto**, Osaka University
- *Does Institutional Quality Matter for Trade? Institutional Conditions in a Sectoral Trade Framework*, **Inmaculada C. Álvarez**, Universidad Autónoma de Madrid; **Javier Barbero**, Universidad Autónoma de Madrid; **José L. Zofío**, Universidad Autónoma de Madrid; **Andrés Rodríguez-Pose**, London School of Economics

#### Discussants:

**Javier Barbero**, Universidad Autónoma de Madrid

**Luz Saavedra**, University of St. Thomas

**Hajime Takatsuka**, Kagawa University

**Takatoshi Tabuchi**, University of Tokyo

### 98. Issues in Local Development *Friday Nov 13 | 4:00 PM-6:00 PM | Directors Suite*

**Chair:** **Hiranya K. Nath**, Sam Houston State University

- *The Effectiveness of Microenterprise Policies in Chile: The Case of Centro de Emprendimientos Chile Compra*, **Sergio Andres Contreras**, University of Illinois, Urbana-Champaign
- *Small Homes, Fiscal Externalities, and the Property Tax: Evidence from the Cities and Schools, 1970-2010*, **Ryan Michael Gallagher**, Northeastern Illinois University
- *Second Chance Education as Crime Prevention: Evidence from a Voucher in Vocational Education and Training*, **Cain Polidano**, University of Melbourne; **Nikhil Jha**, University of Melbourne
- *Information and Communications Technology (ICT) and Services Trade*, **Hiranya K. Nath**, Sam Houston State University; **Lirong Liu**, Sam Houston State University

#### Discussants:

**Hiranya K. Nath**, Sam Houston State University

**Sergio Andres Contreras**, University of Illinois, Urbana-Champaign

**Ryan Michael Gallagher**, Northeastern Illinois University

**Cain Polidano**, University of Melbourne

**99. Spatial Analysis: Applications II Friday Nov 13 | 4:00 PM-6:00 PM | Executive Suite**

**Chair:** Peter Stenberg, USDA Economic Research Service

- *Grain Price Convergence Among the Gubernias of the Russian Empire from 1861 to 1915*, Vera Ivanova, Higher School of Economics
- *The Importance of Firm-Size for the Economic Growth of Brazilian Micro-Regions*, Douglas Mesquita Carneiro; Carlos Eduardo Lobo Silva; Tulio Antonio Cravo,
- *Spatial Co-location Patterns of Firms in the Aerospace Industry in Mexico*, Miguel Flores; Amado Villarreal, Tecnológico de Monterrey; Saidi Flores, Tec de Monterrey
- *Spatially-Distributed Household Broadband Technology Adoption*, Peter Stenberg, USDA Economic Research Service

**Discussants:**

**Peter Stenberg**, USDA Economic Research Service

**Vera Ivanova**, Higher School of Economics

**Douglas Mesquita Carneiro**

**Miguel Flores**

**100. Infrastructure Friday Nov 13 | 4:00 PM-6:00 PM | Forum Suite**

**Chair:** Alina M. Schoenberg, Bundeswehr University Munich

- *The Demand for Parks, Policy Evaluation and the Sensitivity to Park Specifications*, Toke Emil Panduro, Copenhagen University; Cathrine Ulla Jensen, Copenhagen University; Thomas Hedemark Lundhede, Copenhagen University; Kathrine von Graevenitz, Center for European Economic Research; Bo Jellesmark Thorsen, Copenhagen University
- *The Impact of Child-Friendly Environment on Family Leisure Motivation and Leisure Constraint*, Chien-Wen Lo, Ming Chuan University
- *Estimating the Short-Run Effect on Market-Access of the Construction of Better Transportation Infrastructure in Mexico*, Fernando Diego Perez Cervantes, Banco de Mexico; Aldo Sandoval-Hernandez, University of Western Ontario
- *Zoning and Infrastructure in Bavaria*, Alina M. Schoenberg, Bundeswehr University Munich; Florian W. Bartholomae, Bundeswehr University Munich

**Discussants:**

**Alina M. Schoenberg**, Bundeswehr University Munich

**Cathrine Ulla Jensen**, Copenhagen University

**Chien-Wen Lo**, Ming Chuan University

**Fernando Diego Perez Cervantes**, Banco de Mexico

**101. Labor and Welfare Aspects of Development Friday Nov 13 | 4:00 PM-6:00 PM | Galleria I**

**Chair:** Craig Carpenter, Michigan State University

- *Occupational Segregation and Social Welfare*, Coral Del Rio, University of Vigo; Olga Alonso-Villar, University of Vigo
- *Understanding the Drivers of Productivity Benefits from Immigrant Diversity in Cities*, Abigail M. Cooke, University at Buffalo, SUNY; Thomas Kemeny, University of Southampton
- *Shaping and Making a Future: Iranian American Business and Technology Leaders and Entrepreneurs in Silicon Valley*, Kathrine E. Richardson, San Jose State University
- *The Dynamics of Latino-Owned Businesses with Comparisons to Other Ethnicities*, Craig Carpenter, Michigan State University; Scott Loveridge, Michigan State University

**Discussants:**

**Craig Carpenter**, Michigan State University

**Olga Alonso-Villar**, University of Vigo

**Abigail M. Cooke**, University at Buffalo, SUNY

**Kathrine E. Richardson**, San Jose State University

**102. Modeling House Values IV Friday Nov 13 | 4:00 PM-6:00 PM | Galleria II**

**Chair:** Joep Steegmans, Utrecht University



- *The Post-Expiration Effects of LIHTC Projects on Host Neighborhood Property Value Beyond 15-Year Compliance Period*, **Jiemin Wu**, University of Maryland, College Park
- *Small and Medium Multi-family Housing: Affordability, Distribution, and Trends*, **Raphael Bostic**, University of Southern California; **Andrew Jakabovics**, Enterprise Community Partners; **Seva Rodnyansky**, University of Southern California; **Anthony W. Orlando**, University of Southern California; **Yeokwang An**, University of Southern California
- *Demand for New Cities: Property Value Capitalization of New Municipal Incorporation*, **Carlianne Patrick**, Georgia State University; **Christopher Mothorpe**, College of Charleston
- *Decreasing House Prices and Household Mobility: An Empirical Study on Loss Aversion and Negative Equity*, **Joep Steegmans**, Utrecht University; **Wolter Hassink**, Utrecht University

**Discussants:**

**Joep Steegmans**, Utrecht University  
**Jiemin Wu**, University of Maryland, College Park  
**Seva Rodnyansky**, University of Southern California  
**Carlianne Patrick**, Georgia State University

**103. Commuting and Travel Behavior Friday Nov 13 | 4:00 PM-6:00 PM | Galleria III**

**Chair: Steven R. Gehrke**, Portland State University

- *Gender Differences in Commuting Behavior and Time Allocation*, **Akiko Sakanishi**, Nara Prefectural University
- *Staggered Work Hours at the University: An Economic Evaluation Using Smart-Card Data*, **Nicolas E. Coulombel**, Université Paris Est; **Mohamed Khalil El-Mahrsi**, IFSTTAR; **Emmanuel Munch**, Université Paris Est
- *The Role of Income as a Determinant of Mode of Transportation and Length of Commute*, **Michelangelo Landgrave**, California State University, Long Beach; **Branden Galley**, California State University, Long Beach; **Annette Kunitsa**, California State University, Long Beach
- *An Activity-Based Approach to Measuring the Effect of Land Use Mixing on Pedestrian Travel*, **Steven R. Gehrke**, Portland State University; **Kelly J. Clifton**, Portland State University

**Discussants:**

**Steven R. Gehrke**, Portland State University  
**Akiko Sakanishi**, Nara Prefectural University  
**Nicolas E. Coulombel**, Université Paris Est  
**Michelangelo Landgrave**, California State University, Long Beach

**104. Journal of Regional Science Special Session Friday Nov 13 | 4:00 PM-6:00 PM | Grand Ballroom II**

**Organizers: Steven Brakman**, University of Groningen; **Edward Coulson**, University of Nevada, Las Vegas; **Mark Partridge**, Ohio State University; **Jens Suedekum**, Heinrich-Heine-University Düsseldorf

**Chair: Mark Partridge**, Ohio State University

- *How Can We Improve the Evaluation of Urban and Regional Policy?*, **Henry G. Overman**, London School of Economics
- *Optimal Real Estate Capital Durability and Local Economic Uncertainty: The Case of Climate Change*, **Matthew Kahn**, University of California, Los Angeles

**Discussants:**

**Philip McCann**, University of Groningen  
**David Albouy**, University of Illinois, Urbana-Champaign

**105. Geocomputation IV Friday Nov 13 | 4:00 PM-6:00 PM | Parlor B**

**Organizers: Suzana Dragicevic**, Simon Fraser University; **Jean-Claude F. Thill**, University of North Carolina, Charlotte

**Chair: Suzana Dragicevic**, Simon Fraser University

- *Agent-Based Simulation of A Multiscalar Model for Polycentric Urban-Regional Systems*, **Zhaoya Gong**, University of North Carolina, Charlotte; **Jean-Claude F. Thill**, University of North Carolina, Charlotte
- *Can Conventional Measures Identify Geographically Varying Mixed Regression Relationships? A Simulation-Based Analysis*, **Aaron Swoboda**, Carleton College

- *Monocentric Urban Simulation Models: Getting Closer to Fractal Properties and Landscape Representation*, **Geoffrey Caruso**, University of Luxembourg; **Pierre Frankhauser**, University of Besançon; **Dominique Peeters**, Center for Operations Research and Econometrics; **Isabelle Thomas**, Center for Operations Research and Econometrics; **Gilles Vuidel**, University of Besançon
- *Optimizing Emerald Ash Borer Eradication: Integration of GIS and Agent-Based Approaches*, **Taylor M. Anderson**, Simon Fraser University; **Suzana Dragicevic**, Simon Fraser University

**Discussant:**

**Suzana Dragicevic**, Simon Fraser University

**106. Applications of Econometric Models II Friday Nov 13 | 4:00 PM-6:00 PM | Parlor C**

**Chair: Mario Polese**, University of Quebec

- *Impact of the Mobility of Capital and Labor on China's Regional Economic Disparities: An Explanation Based on a Two-Region Factors Marginal Product Dynamic Model*, **Xue Zhang**, Cornell University; **Tao Ma**, Harbin Institute of Technology
- *Estimating Market Access Effects with Regional Wage Data: An Application of the Gravity Equation and the Structural Wage Equation in a Non-linear Dynamic Specification*, **Johannes Plambeck**, Cornell University; **Kieran Donaghy**, Cornell University
- *What Comes First: Firms or Households? A Canadian Case Study*, **Charles-David Babin**, Université Laval; **Jean-Christophe Dubé**, Université Laval; **Alexandre Potvin**, Université Laval; **Hemza Lekkat**, Université Laval; **Olivier Ringue**, Université Laval; **Jean Dubé**, Université Laval
- *Where Do New Economy Jobs Locate in Cities? Evidence from Toronto, Montreal, and Vancouver Using Micro-data and Spatial-Econometric Modelling*, **Mario Polese**, University of Quebec; **Chloé Duvivier**; **Philippe Apparicio**,

**Discussants:**

**Mario Polese**, University of Quebec

**Xue Zhang**, Cornell University

**Kieran Donaghy**, Cornell University

**Jean Dubé**, Université Laval

**107. Rural Development Issues Friday Nov 13 | 4:00 PM-6:00 PM | Studio Suite**

**Chair: Senal A Weerasooriya**, Oregon State University

- *Tell Me Your Preferences and I'll Tell You Where to Live*, **Lise Bourdeau-Lepage**, University Lyon 3 UMR EVS
- *Research on the High-end Development of Agricultural Products Logistics in the Era of Large Data Era-- Discussion of Logistics Information Platform Project in Wanyuan City*, **Min Tian**, Xi Hua University/University of North Carolina, Chapel Hill; **Guangzheng Rui**, Xi Hua University; **Jiahui Cao**, Xi Hua University
- *Incidence of PROCAMPO Subsidy on Farmland Rental Rates in Mexico*, **Ariadna Martinez Gonzalez**, Ohio State University
- *Distributional Effects of the Farm Bill: Nutrition Assistance versus Farm Safety Net Programs*, **Senal A. Weerasooriya**, Oregon State University; **Jeffrey Reimer**, Oregon State University

**Discussants:**

**Senal A Weerasooriya**, Oregon State University

**Lise Bourdeau-Lepage**, University Lyon 3 UMR EVS

**Min Tian**, Xi Hua University/University of North Carolina, Chapel Hill

**Ariadna Martinez Gonzalez**, Ohio State University

**108. Regional Economic Effects of Disasters II Friday Nov 13 | 4:00 PM-6:00 PM | Senate Suite**

**Organizer: Yasuhide Okuyama**, University of Kitakyushu

- *The Rise and Fall of the Kobe Economy from the 1995 Earthquake*, **Yasuhide Okuyama**, University of Kitakyushu
- *An Analytical Framework of Cooperative Park Management for Both Normal and Disaster Situations*, **Eizo Hideshima**, Nagoya Institute of Technology; **Nemat Mohammadi**; **Yoshio Noguchi**,

- *An Assessment of Crowding-Out Effect in Disaster Preparedness*, **Shinya Horie**, Kobe University; **Timo Goeschl**, Heidelberg University; **Shunsuke Managi**, Kyushu University

**Discussants:**

**Eizo Hideshima**, Nagoya Institute of Technology  
**Shinya Horie**, Kobe University  
**Yasuhide Okuyama**, University of Kitakyushu

**109. UEA 07A: Local Labor Markets III Friday Nov 13 | 4:00 PM-6:00 PM | Broadway I**

**Chair: Christopher Palmer**, University of California, Berkeley

- *Fast Locations and Slowing Labor Mobility*, **Patrick Coate**, University of Michigan; **Kyle Mangum**, Georgia State University
- *Long-Term Effects of the Great Recession Across Space*, **Danny Yagan**, University of California, Berkeley
- *The Effect of Business Cycle Fluctuations on Migration Decisions*, **Tyler Ransom**, Duke University
- *IV Quantile Regression for Group-Level Treatments with an Application to the Distributional Effects of Trade*, **Christopher Palmer**, University of California, Berkeley

**Discussants:**

**Christopher Palmer**, University of California, Berkeley  
**Kyle Mangum**, Georgia State University  
**Danny Yagan**, University of California, Berkeley  
**Tyler Ransom**, Duke University

**110. UEA 07B: Homeownership III Friday Nov 13 | 4:00 PM-6:00 PM | Broadway II**

**Chair: Ahmet Ali Taskin**, Central Bank of Turkey

- *Housing Prices and Mating Preferences: Evidence from Online Daters*, **Yongheng Deng**, National University of Singapore; **Yu Qin**, National University of Singapore; **Hongjia Zhu**, National University of Singapore
- *Regulating Investment Homes: Evidence from Switzerland*, **Christian A. L. Hilber**, London School of Economics; **Olivier Schoeni**, London School of Economics
- *Socioeconomic and Racial Disparities in the Financial Returns to Homeownership*, **Tom Mayock**, Office of the Comptroller of the Currency; **Rachel Spritzer**, Federal Reserve Bank of Philadelphia
- *Does Homeownership Prolong the Duration of Unemployment?*, **Ahmet Ali Taskin**, Central Bank of Turkey; **Firat Yaman**, City University London

**Discussants:**

**Ahmet Ali Taskin**, Central Bank of Turkey  
**Yu Qin**, National University of Singapore  
**Christian A. L. Hilber**, London School of Economics  
**Tom Mayock**, Office of the Comptroller of the Currency

**111. UEA 07C: Neighborhoods and Education Friday Nov 13 | 4:00 PM-6:00 PM | Broadway III**

**Chair: Rosa Sanchis-Guarner**, London School of Economics

- *Measuring Neighborhood Preferences Under Credit Constraints*, **Edward Kung**, University of California, Los Angeles; **Ralph Mastrodonaco**, University of Oregon
- *Partners in Crime: School, Neighborhoods and the Formation of Criminal Networks*, **Stephen B. Billings**, University of North Carolina, Charlotte; **David Deming**, Harvard University; **Stephen L. Ross**, University of Connecticut
- *School Autonomy and Parental Preferences*, **Marco Bertoni**, University of Padova; **Steve Gibbons**, London School of Economics; **Olmo Silva**, London School of Economics
- *ICT and Education: Evidence from Student Home Addresses*, **Benjamin Faber**, University of California, Berkeley; **Rosa Sanchis-Guarner**, London School of Economics; **Felix Weinhardt**, Humboldt-University Berlin

**Discussants:**

**Rosa Sanchis-Guarner**, London School of Economics  
**Edward Kung**, University of California, Los Angeles  
**Stephen B. Billings**, University of North Carolina, Charlotte  
**Olmo Silva**, London School of Economics

**112. UEA 07D: Urban Theory I Friday Nov 13 | 4:00 PM-6:00 PM | Broadway IV**

**Chair:** Benoit Schmutz, Howard University

- *Equilibrium Dynamics in a Model of Growth and Spatial Agglomeration*, **Shota Fujishima**, University of Tokyo; **Daisuke Oyama**, University of Tokyo
- *Equilibrium Commuting*, **Marcus Berliant**, Washington University, St. Louis; **Takatoshi Tabuchi**, University of Tokyo
- *Illegal Immigration and Multiple Destinations*, **Kaz Miyagiwa**, Florida International University; **Yasuhiro Sato**, Osaka University
- *Frictional Spatial Equilibrium*, **Modibo Sidibe**, Duke University; **Benoit Schmutz**, Howard University

**Discussants:**

**Benoit Schmutz**, Howard University

**Shota Fujishima**, University of Tokyo

**Marcus Berliant**, Washington University, St. Louis

**Yasuhiro Sato**, Osaka University

**6:15 PM-8:30 PM**

**113. Isserman Lecture and Reception Friday Nov 13 | 6:15 PM-8:30 PM | Grand Ballroom II**

**Organizer and Chair:** Luc Anselin, Arizona State University

- *TBA*, **Edward Feser**, University of Illinois, Urbana-Champaign

**Saturday, 14 November 2015**

**7:30 AM-10:00 AM**

**114. Registration and Exhibits Saturday Nov 14 | 7:30 AM-10:00 AM | Grand Ballroom Foyer**

**8:00 AM-10:00 AM**

**RRI Advisory Board Meeting (Invitation Only) Saturday Nov 14 | 8:00 AM-10:00 AM | Forum Suite**

**115. When Workers Move Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway IV**

**Chair:** Matthias Dorner, Max-Planck Institute for Innovation and Competition

- *Migrant Attractive Power of Shale Gas Developments in the USA*, **Isha Rajbhandari**, Ohio State University; **Alessandra Faggian**, Ohio State University; **Mark Partridge**, Ohio State University
- *Do Workers Move Closer to Jobs?: Evidence from Commuting and Household Relocation Patterns in the 2000s*, **Jae Hong Kim**, University of California, Irvine; **Jaewon Lim**, University of Nevada, Las Vegas
- *Where Does the Water Flow? A Model of Urban Migration and Agricultural Production When Water is Mobile Across Regions*, **Juan Carlos Lopez**, University of California, Riverside
- *Social Ties and Quality Signals in the Migration of Knowledge Workers -- Lessons from East German Inventor Mobility*, **Matthias Dorner**, Max-Planck Institute for Innovation and Competition; **Dietmar Harhoff**, Max-Planck Institute for Innovation and Competition; **Karin Hoisl**, Max-Planck Institute for Innovation and Competition; **Tina Hinz**, University of Erlangen-Nuernberg; **Stefan Bender**,

**Discussants:**

**Matthias Dorner**, Max-Planck Institute for Innovation and Competition

**Isha Rajbhandari**, Ohio State University

**Jae Hong Kim**, University of California, Irvine

**Juan Carlos Lopez**, University of California, Riverside

**116. Agricultural Production and Trade I Saturday Nov 14 | 8:00 AM-10:00 AM | Cabinet Suite**

**Chair:** Yuko Akune, Reitaku University

- *Special Safeguard Tariff Impacts on the Brazilian Economy*, **Cinthia da Costa Cabral**, Embrapa; **Joaquim J. M. Guilhoto**, FEA-USP; **Heloisa L. Burnquist**, ESALQ - USP
- *The Role of Agglomeration Factors and Local Institutions on the Long-Term Resilience of Coffee Agricultural Clusters in Costa Rica*, **Thomas H. Douthat**, Georgia Institute of Technology
- *A Proposal for Conservation Measures by Concatenated Groves as a Green Belt in Metropolitan Suburbs -- Through Merchandising "Trespassing Rights" Applied to the Green Belt That Levied by Residential Comparable Taxation on Land*, **Norihiko Yazawa**, Tokyo International University
- *Regional Economic Impact of Green Tea Cultivar Choices Using Intertemporal Dynamic CGE Model*, **Yuko Akune**, Reitaku University

**Discussants:**

**Yuko Akune**, Reitaku University

**Cinthia da Costa Cabral**, Embrapa

**Thomas H. Douthat**, Georgia Institute of Technology

**Norihiko Yazawa**, Tokyo International University

**117. Industry Clusters and Economic Development Saturday Nov 14 | 8:00 AM-10:00 AM | Council Suite**

**Chair:** Andre Torre, INRA

- *Spatial Spillover Effect of Industrial Clusters in Turkey*, **Irfan Kaygalak**, Balikesir University
- *Clusters in Regional Economics and Geography*, **Jing Chen**, West Virginia University
- *Industry Clustering and Unemployment in U.S. Regions: An Exploratory Note*, **Thomas Lambert**, Northern Kentucky University
- *Territorial Governance and Proximity Dynamics. The Case of Clusters of Local Producers in the Amazonian*, **Andre Torre**, INRA

**Discussants:**

**Andre Torre**, INRA

**Irfan Kaygalak**, Balikesir University

**Jing Chen**, West Virginia University

**Thomas Lambert**, Northern Kentucky University

**118. Perspectives on Economic Development Saturday Nov 14 | 8:00 AM-10:00 AM | Directors Suite**

**Chair:** Hernan Ocampo Solarte, Universidad Autonoma de Occidente

- *A Pseudo-Panel Approach to Estimating Dynamic Effects of Road Infrastructure Provision on Firm Productivity in a Developing Country Context*, **Samira Barzin**, Imperial College London; **Daniel J. Graham**, Imperial College London; **Sabine D'Costa**, University of Westminster
- *Historical Trades, Tasks and Agglomeration economies*, **Philipp Ehrl**, Catholic University of Brasília; **Leonardo M. Monasterio**, Catholic University of Brasília
- *Industrialization from Scratch: The Persistent Effects of China's "Third Front" Movement*, **Ben Zou**, Michigan State University; **Jingting Fan**, University of Maryland
- *Besides Fundamental and Proximate causes, Intermediate Causes Have a Role in the Economic Development Process*, **Hernan Ocampo Solarte**, Universidad Autonoma de Occidente

**Discussants:**

**Hernan Ocampo Solarte**, Universidad Autonoma de Occidente

**Samira Barzin**, Imperial College London

**Philipp Ehrl**, Catholic University of Brasília

**Ben Zou**, Michigan State University

**119. Spatial Analysis: Methods I Saturday Nov 14 | 8:00 AM-10:00 AM | Executive Suite**

**Chair:** Roberto Patuelli, University of Bologna

- *Spatial Matching Model with Ordinal Outcome: Analyzing Spatial Interaction with Agent Collaboration*, **Dapeng Zhang**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute

- *Revisiting Spatial Econometric Models for Flows Data*, **Patricio Aroca**, Universidad Adolfo Ibanez; **Coro Chasco**, Universidad Autónoma de Madrid
- *Spatio-Temporal Modeling of Economic Growth*, **Tetyana Z. Beregovska**, University of Missouri
- *Forecasting Regional Unemployment Across National Boundaries*, **Roberto Patuelli**, University of Bologna; **Matías Mayor**, University of Oviedo

**Discussants:**

**Roberto Patuelli**, University of Bologna  
**Dapeng Zhang**, Rensselaer Polytechnic Institute  
**Patricio Aroca**, Universidad Adolfo Ibanez  
**Tetyana Z. Beregovska**, University of Missouri

**120. Segregation and Interaction I Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria I**

**Chair: Steven Farber**, University of Toronto, Scarborough

- *Can Urban Renewal Policies Reverse Ethnic Tipping Points?*, **Nicolás González-Pampillón**, Universitat de Barcelona & IEB; **Jordi Jofre-Monseny**, Universitat de Barcelona & IEB; **Elisabet Viladecans-Marsal**, Universitat de Barcelona
- *Meet the New Neighborhood, Same as the Old Neighborhood: Persistence in U.S. Metropolitan Areas from 1970 to 2010*, **Thomas Malone**, University of Southern California; **Christian L. Redfearn**, University of Southern California
- *The Effect of Outside Options on Neighborhood Tipping Points*, **Peter Q. Blair**, University of Pennsylvania
- *A Nationwide Comparison of Racial Segregation in Metropolitan Regions: What Can Be Learned from a Social Interaction Approach?*, **Steven Farber**, University of Toronto, Scarborough; **Nate Wessel**, University of Toronto

**Discussants:**

**Steven Farber**, University of Toronto, Scarborough  
**Jordi Jofre-Monseny**, Universitat de Barcelona & IEB  
**Thomas Malone**, University of Southern California  
**Peter Q. Blair**, University of Pennsylvania

**121. Housing and Homeownership Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria II**

**Chair: John Gibson**, University of Waikato

- *Consumption in Cities*, **Giulia Faggio**, University of Westminster; **Steve Gibbons**, London School of Economics
- *The Perception of Housing Lock and Unemployment*, **Daniel Ringo**, Board of Governors of the FRS
- *The Determinants of Housing and Neighborhood Satisfaction*, **Herman Li**, University of Nevada, Las Vegas
- *Home Ownership and Civics: Longitudinal Evidence on Whether Owners Are More Likely to Vote*, **John Gibson**, University of Waikato; **Steven Stillman**, University of Otago; **Bonggeun Kim**, Seoul National University

**Discussants:**

**John Gibson**, University of Waikato  
**Giulia Faggio**, University of Westminster  
**Daniel Ringo**, Board of Governors of the FRS  
**Herman Li**, University of Nevada, Las Vegas

**122. Transportation: Air and Freight Markets Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria III**

**Chair: Marquise J. McGraw**, Middlebury College

- *Investigation of Carriers' Ability to Transfer Toll Increases: An Empirical Analysis of Freight Agents' Relative Market Power*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute; **Wei Zou**, Rensselaer Polytechnic Institute
- *Measuring the Degree of Market Power for Privatized Airports with Non-Aviation Activities*, **Katsumi Tanabe**, Keio University
- *Essential Air Service Subsidies and the Local Impact of Air Travel*, **Michael LeFors**, University of California, Irvine
- *The Extensive Margin of Aviation Networks: Implications for Urban Development*, **Anca D. Cristea**, University of Oregon

- *Does Airport Size Matter? Hub Airports and Local Economic Outcomes*, **Marquise J. McGraw**, Middlebury College

**Discussants:**

**Marquise J. McGraw**, Middlebury College  
**Wei Zou**, Rensselaer Polytechnic Institute  
**Michael LeFors**, University of California, Irvine  
**Katsumi Tanabe**, Keio University  
**Anca D. Cristea**, University of Oregon

**123. Poster Session Saturday Nov 14 | 8:00 AM-10:00 AM | Grand Ballroom II**

- *A Study on the Optimal Size of Medical Service Area: Spatial Competition Model Approach*, **Kiheiji Nishida**, Hyogo University of Health Sciences; **Tetsu Kawakami**, Kinki University
- *Regional Input-Output Analysis: A Cross Plate-Form Toolbox*, **Moez Kilani**, Universite de Lille
- *The Impact of the Built Environment on Foreclosure*, **Jaewoong Won**, Texas A&M
- *Transit Growth Crime Effect: The Impact of Mass Transportation Hubs on Public Disorder and Fear of Crime*, **Valerie Spicer**, Simon Fraser University; **Justin Song**, Simon Fraser University
- *Testing the Medical Arms Race Hypothesis: A Spatial Approach*, **Robyn Kibler**, University of South Florida
- *An Empirical Study of the Relationships Between Urban Agglomeration, Inequality and Inclusive Wealth*, **Jue Yang**, Fujitsu Research Institute

**124. Locational Aspects of Foreign Investment I Saturday Nov 14 | 8:00 AM-10:00 AM | Parlor C**

**Chair: Nicola Cortinovis**, Utrecht University

- *Foreign Investments and the Territorial Dynamics of Innovation in Chile, Colombia and Mexico*, **Riccardo Crescenzi**, London School of Economics; **Alex Jaax**, London School of Economics
- *Multinational Enterprises and International Acquisitions*, **Andrea Ascani**, London School of Economics
- *Empirical Analysis of Penetration Rate of Refrigerator and Location Choice for Japanese Frozen Food Industry in East Asia*, **Maria Ikegawa**, University of Tsukuba; **Suminori Tokunaga**, Reitaku University
- *Proximity and Economic Growth: Space, Trade, FDI and Knowledge in European Regions*, **Nicola Cortinovis**, Utrecht University; **Frank Van Oort**, Utrecht University

**Discussants:**

**Nicola Cortinovis**, Utrecht University  
**Riccardo Crescenzi**, London School of Economics  
**Andrea Ascani**, London School of Economics  
**Maria Ikegawa**, University of Tsukuba

**125. Jobs, Firms, and Labor Markets I Saturday Nov 14 | 8:00 AM-10:00 AM | Senate Suite**

**Chair: Zhengyu Cai**, Oklahoma State University

- *Human Capital and Firm Relocation: Why Footloose Firms Are a Rare Breed*, **Gintare Morkute**, University of Groningen; **Sierdjan Koster**, University of Groningen
- *Computerization of Jobs and Workers' Personality*, **Eckhardt Bode**, Kiel Institute for the World Economy; **Stephan Brunow**, Institute of Employment Research (IAB); **Ingrid Ott**, Karlsruhe Institute of Technology; **Alina Sorgner**, University of Jena
- *Long Lasting Labour Market Consequences of German Unification*, **Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung; **Joachim Möller**, Institute of Employment Research (IAB); **Van Phan-thi-Hong**, Institute of Employment Research (IAB); **Stephan Brunow**, Institute of Employment Research (IAB)
- *Hours Worked of the Self-Employed and Agglomeration*, **Zhengyu Cai**, Oklahoma State University

**Discussants:**

**Zhengyu Cai**, Oklahoma State University  
**Gintare Morkute**, University of Groningen  
**Eckhardt Bode**, Kiel Institute for the World Economy  
**Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung

**126. Health and Development *Saturday Nov 14 | 8:00 AM-10:00 AM | Studio Suite***

**Chair:** Rhiannon Jerch, Cornell University

- *Out-of-Pocket Expenditures in Health: A Regional Perspective for Colombia*, **Javier Perez**, Banco de la Republica, Colombia; **Alejandro Silva-Urieña**,
- *A Regional Economic Analysis of Certificate-of-Need Requirements and Health Care Facility Expansions*, **Christopher Yench**, West Virginia University
- *2006 Massachusetts Health Care Reform and Its Impact on Sources of Insurance Coverage*, **Abdul Munasib**, University of Georgia; **Devesh Roy**, IFPRI; **Mouhcine Guettabi**, University of Alaska, Anchorage; **Jeffrey Jordan**, University of Georgia
- *Access versus Choice: Testing the "Food Desert" Construct*, **Rhiannon Jerch**, Cornell University; **Kathy Baylis**, University of Illinois, Urbana-Champaign; **Sahan Dissanyake**, Colby College

**Discussants:**

**Rhiannon Jerch**, Cornell University

**Javier Perez**, Banco de la Republica, Colombia

**Christopher Yench**, West Virginia University

**Abdul Munasib**, University of Georgia

**127. Location/Spatial Modeling I *Saturday Nov 14 | 8:00 AM-10:00 AM | Parlor B***

**Organizers:** **Alan Murray**, Drexel University; **Ran Wei**, University of Utah

**Chair:** **Ran Wei**, University of Utah

- *An Integrated Classification Scheme for Mapping Estimates and Errors of Estimation from the American Community Survey*, **Ran Wei**, University of Utah; **Daoqin Tong**, University of Arizona
- *Optimal Allocation of Area in Hierarchical Road Networks*, **Masashi Miyagawa**, University of Yamanashi
- *Geospatial Approach for Evaluating Potential Impacts and Improving Response Readiness for Coastal Communities to Hydrocarbon Spills*, **Jake R. Nelson**, Arizona State University; **Tony H. Grubestic**, Arizona State University; **Lawrence Sim**, Department of Energy; **Kelly Rose**, Department of Energy
- *TRANSMAX II: An Alternative Formulation for Solving Maximal Covering Shortest Path Problems*, **Richard L. Church**, University of California, Santa Barbara; **Timothy Niblett**, University of California, Santa Barbara

**Discussants:**

**Hyun Kim**, University of Tennessee

**Daisuke Watanabe**, Tokyo University of Marine Science and Technology

**James Gaboardi**, Florida State University

**Alan Murray**, Drexel University

**128. UEA 08A: Trade & Welfare *Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway I***

**Chair:** **Leo Feler**, Johns Hopkins University

- *How Deep is Your Love? A Quantitative Spatial Analysis of the Transatlantic Trade Partnership*, **Oliver Krebs**, University of Würzburg; **Michael Paul Pflüger**, University of Würzburg
- *Internal Geography, Labor Mobility, and the Distributional Impacts of Trade*, **Jingting Fan**, University of Maryland
- *Trade Shocks and the Provision of Local Public Goods*, **Leo Feler**, Johns Hopkins University; **Mine Z. Senses**, Johns Hopkins University

**Discussants:**

**Leo Feler**, Johns Hopkins University

**Michael Paul Pflüger**, University of Würzburg

**Jingting Fan**, University of Maryland

**129. UEA 08B: Land Use *Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway II***

**Chair:** **Hans Koster**, VU University Amsterdam

- *The Urban Economics of Retail*, **Coen N. Teulings**, University of Cambridge; **Ioulia V. Ossokina**, CPB Netherlands Bureau for Economic Policy Analysis



- *Job Decentralization, Subcenter Formation and Public Transportation*, **Miquel-Àngel Garcia-López**, Universitat Autònoma de Barcelona; **Camille Hemet**, Paris School of Economics; **Elisabet Viladecans-Marsal**, Universitat de Barcelona
- *Zoning and the Economic Geography of Cities*, **Allison Shertzer**, University of Pittsburgh; **Tate Twinam**, University of Washington, Bothell; **Randall Phillip Walsh**, University of Pittsburgh
- *Land Use Planning, Urban Spatial Structure and the Office Market: Evidence from Blitz Bombings*, **Gerard Dericks**, Oxford University; **Hans Koster**, VU University Amsterdam

**Discussants:**

**Hans Koster**, VU University Amsterdam  
**Ioulia V. Ossokina**, CPB Netherlands Bureau for Economic Policy Analysis  
**Miquel-Àngel Garcia-López**, Universitat Autònoma de Barcelona  
**Tate Twinam**, University of Washington, Bothell

**130. UEA 08C: Local Labor Markets IV Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway III**

**Chair: Mark van Duijn**, University of Groningen

- *Regional Payroll Tax Cuts and Individual Wages: Heterogeneous Effects Across Sectors and Education Levels*, **Hildegunn E. Stokke**, Norwegian University of Science and Technology
- *Micro-Regional Evidence on Financial-Crisis Effects*, **Maximilian von Ehrlich**, University of Bern
- *Dynamic Responses to Labor Demand Shocks: Evidence from the Financial Industry in Delaware*, **Russell Weinstein**, Rensselaer Polytechnic Institute
- *Moving Costs and the Location Choice of Dutch Households*, **Mark van Duijn**, University of Groningen

**Discussants:**

**Mark van Duijn**, University of Groningen  
**Hildegunn E. Stokke**, Norwegian University of Science and Technology  
**Maximilian von Ehrlich**, University of Bern  
**Russell Weinstein**, Rensselaer Polytechnic Institute

**10:00 AM-10:30 AM**

**Coffee Break Saturday Nov 14 | 10:00 AM-10:30 AM | Grand Ballroom Foyer**

**10:30 AM-12:00 PM**

**131. Agricultural Production and Trade II Saturday Nov 14 | 10:30 AM-12:00 PM | Cabinet Suite**

**Chair: Sandy Dall Erba**, University of Illinois

- *Agricultural Trade and the Spatial Allocation of Farmers: Implications for Deforestation in Brazil*, **Heitor Sandes Pellegrina**, Brown University
- *Crop Diversification: Does Neighbourhood matter?*, **Sophie Legras**, INRA; **Rachel Guillain**, Université de Bourgogne; **Elsa Martin**, Agrosup Dijon
- *The Impact of Urbanization on China's Regional Agricultural Production*, **Xiaofei Li**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *The Impact of Climate Change on Agriculture in the Southwestern United States: The Ricardian Approach Revisited*, **Sandy Dall Erba**, University of Illinois; **Francina Dominguez**, University of Illinois, Urbana-Champaign

**Discussants:**

**Sandy Dall Erba**, University of Illinois  
**Heitor Sandes Pellegrina**, Brown University  
**Sophie Legras**, INRA  
**Xiaofei Li**, Purdue University

**132. Industry Linkages and Structure *Saturday Nov 14 | 10:30 AM-12:00 PM | Council Suite***

**Chair:** Jonathon P. Leczna, Boston University

- *Inter-Industry Linkages and Comovement of Entrepreneurship*, **Jiaochen Liang**, Pennsylvania State University
- *Agglomeration Economies and Regional Industrial Structure in China: An Analysis of Firm-Level Productivity*, **Zhi Li**, University of Maryland, College Park
- *Agglomeration, Knowledge Spillover and R&D Intensity of Chinese Firms*, **Yu Qiao**, University of Maryland, College Park
- *Industrial Similarity as a Source of Output Comovement Among U.S. States*, **Jonathon P. Leczna**, Boston University

**Discussants:**

**Jonathon P. Leczna**, Boston University

**Jiaochen Liang**, Pennsylvania State University

**Zhi Li**, University of Maryland, College Park

**Yu Qiao**, University of Maryland, College Park

**133. Economic Growth Factors *Saturday Nov 14 | 10:30 AM-12:00 PM | Directors Suite***

**Chair:** Richard Martin, University of Georgia

- *Economic Growth in Colombian Municipalities: The Role of Spatial Externalities, Human and Physical Capital*, **Luis A. Galvis**, Banco de la Republica, Colombia; **Lucas Wilfried Hahn-De-Castro**, Banco de la Republica
- *Why Growth Rates Are So Small in Mexico? A Regional Assessment with Dynamic Panel Data and GMM Procedures*, **Vicente German-Soto**, Universidad Autonoma de Coahuila; **Luis Gutiérrez Flores**, Universidad Autónoma de Coahuila
- *An Analysis of Growth Drag in China*, **Junbo Xue**, China Academy of Science; **Zhenhua Chen**, University of Southern California; **Zheng Wang**, Institute of Policy and Management
- *Overcoming Deindustrialization: Economic Growth in Manufacturing-Based U.S. Cities, 1960-2000*, **Richard Martin**, University of Georgia

**Discussants:**

**Richard Martin**, University of Georgia

**Luis A. Galvis**, Banco de la Republica, Colombia

**Vicente German-Soto**, Universidad Autonoma de Coahuila

**Junbo Xue**, China Academy of Science

**134. Spatial Analysis: Methods II *Saturday Nov 14 | 10:30 AM-12:00 PM | Executive Suite***

**Chair:** Sergio J. Rey, Arizona State University

- *Continuous and Discrete Spatial Heterogeneity: Modeling Strategies and Simulation*, **Mauricio Sarrias**, Cornell University
- *A Parallelized Bayesian Spatial Autoregressive Panel Probit Model*, **Amy Speer Hughes**, UTSW; **Yongwan Chun**, University of Texas, Dallas; **Tammy Leonard**, University of Dallas; **Dohyeong Kim**, University of Texas, Dallas; **Daniel A. Griffith**, University of Texas, Dallas; **Sandi L. Pruitt**, University of Texas Southwestern Medical Center
- *Discrete Choice with Interdependencies: A Spatial Binary Probit Model with Endogenous Weight Matrix*, **Yiwei Zhou**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute
- *The Properties of Tests for Spatial Effects in Discrete Markov Chain Models of Regional Income Distribution Dynamics*, **Sergio J. Rey**, Arizona State University; **Wei Kang**, Arizona State University; **Levi J. Wolf**, Arizona State University

**Discussants:**

**Sergio J. Rey**, Arizona State University

**Mauricio Sarrias**, Cornell University

**Amy Speer Hughes**, UTSW

**Xiaokun Wang**, Rensselaer Polytechnic Institute

**135. Segregation and Interaction II *Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria I***

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

- *The Cultural Ripple Tank: Modelling Dynamic Regional Cultural Change via a Survey and Adaptation of Non-Economic Models*, **Brian J. Osoba**, Central Connecticut State University
- *Does Public School Consolidation Generate Peer Effects? Evidence from Ohio and Texas*, **Olivier Parent**, University of Cincinnati; **David Brasington**, University of Cincinnati
- *Neighborhood Sorting and School Segregation*, **Gregorio S. Caetano**, University of Rochester; **Hugh Macartney**, Duke University
- *The Anatomy of Declining Racial Segregation*, **Janice Fanning Madden**, University of Pennsylvania

**Discussants:**

**Janice Fanning Madden**, University of Pennsylvania

**Brian J. Osoba**, Central Connecticut State University

**Olivier Parent**, University of Cincinnati

**Gregorio S. Caetano**, University of Rochester

**136. Land Use and Housing *Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria II***

**Chair:** Nij Tontisirin, Thammasat University

- *The Impact of Industrial Risk Regulation on Local Housing Markets: Evidence from a French Policy Change*, **Marianne Bléhaut**, Paris Sud University; **Amélie Mauroux**, Paris Dauphine University
- *Land-Use Regulation and the Production of Affordable Housing*, **Lewis James Lehe**, University of California - Berkeley
- *Have Externality of Factories Been Underestimated? A Random Bid-Rent Approach Using a Spatial Population Distribution*, **Ryo Itoh**, Tohoku University
- *Industrial Estates and Urban Transformation: A Case Study of Ayutthaya*, **Nij Tontisirin**, Thammasat University; **Sukhonthamas Jenjit**, Thammasat University

**Discussants:**

**Nij Tontisirin**, Thammasat University

**Marianne Bléhaut**, Paris Sud University

**Lewis James Lehe**, University of California - Berkeley

**Ryo Itoh**, Tohoku University

**137. Transportation: Motor Vehicles *Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria III***

**Chair:** Aneil Baron

- *Freeway Speed, Weather Conditions and Traffic Accidents: A Case Study of the Buffalo Metropolitan Area*, **Ha Hwang**, University at Buffalo, SUNY; **Jiyoung Park**, University at Buffalo, SUNY
- *Developing an Estimation Tool for Nova Scotia's Fuel Consumption and Vehicle Emissions from the Passenger Road Transportation Sector*, **Spencer Matheson**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University
- *MPG and the City: Do Residents Select Fuel Economy Depending on Location?*, **Aneil Baron**; **Matthew Roberts**, Ohio State University

**Discussants:**

**Aneil Baron**

**Jiyoung Park**, University at Buffalo, SUNY

**Spencer Matheson**, Dalhousie University

**138. Locational Aspects of Foreign Investment II *Saturday Nov 14 | 10:30 AM-12:00 PM | Parlor C***

**Chair:** Frank Van Oort, Utrecht University

- *Spatial Patterns and Locational Determinants of Foreign Direct Investment in Central China: Market Potentials, Localization Economies, and the Wuhan Economic Circle in Hubei Province*, **Hao Huang**, University of Utah
- *Spatial Panel Data Analysis of Spatial Dependence and Location Choices of Japanese FDI in East Asia*, **Suminori Tokunaga**, Reitaku University; **Maria Ikegawa**, University of Tsukuba; **Yuko Akune**, Reitaku University

- *Empirical Analysis of Location Choice for Japanese MNFs in East Asia*, **Suminori Tokunaga**, Reitaku University; **Maria Ikegawa**, University of Tsukuba; **Yuko Akune**, Reitaku University
- *Location Decisions of Chinese Multinationals in Europe: The Role of Overseas Communities*, **Frank Van Oort**, Utrecht University; **Bas Karreman**, Erasmus University Rotterdam; **Martijn Burger**, Erasmus University Rotterdam

**Discussants:**

**Suminori Tokunaga**, Reitaku University  
**Hao Huang**, University of Utah  
**Frank Van Oort**, Utrecht University  
**Suminori Tokunaga**, Reitaku University

**139. Jobs, Firms, and Labor Markets II Saturday Nov 14 | 10:30 AM-12:00 PM | Senate Suite**

**Chair: Chun Kuang**, George Washington University

- *Bayesian Estimation of Labor Demand by Age: Regularity Conditions and an Application to an Input-Output Model*, **Kijin Kim**, University of Illinois, Urbana-Champaign; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Education and Labor Market Outcomes of Highly Educated Immigrants: Does the Name Matter?*, **Dafeng Xu**, Cornell University
- *Skill-Biased Technological Change in Cities and Residential Mobility Costs*, **Jessica Hug**, University of Geneva
- *Why Does the Return to Experience Vary Across Cities?*, **Chun Kuang**, George Washington University

**Discussants:**

**Chun Kuang**, George Washington University  
**Kijin Kim**, University of Illinois, Urbana-Champaign  
**Dafeng Xu**, Cornell University  
**Jessica Hug**, University of Geneva

**140. Location/Spatial Modeling II Saturday Nov 14 | 10:30 AM-12:00 PM | Parlor B**

**Organizers: Alan Murray**, Drexel University; **Ran Wei**, University of Utah

**Chair: Alan Murray**, Drexel University

- *Assessing Vulnerability of Mass Transit Systems Using Reliable Paths Problems*, **Hyun Kim**, University of Tennessee
- *A Study on Analyzing the Road Network Pattern of Major Cities in U.S. Using Proximity Graphs*, **Daisuke Watanabe**, Tokyo University of Marine Science and Technology
- *U.S. Airline Deregulation: Exploring Spatiotemporal Distribution of Air Fares by Airports and Associated Flight Segments*, **Fangwu Wei**, Drexel University; **Tony H. Grubestic**, Arizona State University
- *Residential Lighting Assessment*, **Alan Murray**, Drexel University; **Xin Feng**, Drexel University

**Discussants:**

**F. Antonio Medrano**, University of California, Santa Barbara  
**Masashi Miyagawa**, University of Yamanashi  
**Daoqin Tong**, University of Arizona  
**Mark Horner**, Florida State University

**141. Land: Prices, Transitions, and Affordability Saturday Nov 14 | 10:30 AM-12:00 PM | Studio Suite**

**Chair: Kevin Kane**, University of California, Irvine

- *Contextualizing Location Affordability: Urban Sprawl and Foreclosure*, **Ann Hartell**
- *Market Thinness, Income Sorting and Leapfrog Development Across the Urban-Rural Gradient*, **Yong Chen**, Oregon State University; **Elena G. Irwin**, Ohio State University; **Ciriyam Jayaprakash**, Ohio State University; **Dan E. Shaffer**, Ohio State University
- *Flood Impact on Neighborhood House Prices: A Spatial Quantile Regression Analysis*, **Lei Zhang**, North Dakota State University
- *Hazards of Change: A Survival Analysis of Agricultural Land Development in Central Arizona*, **Kevin Kane**, University of California, Irvine; **Abigail M. York**, Arizona State University

**Discussants:**

**Kevin Kane**, University of California, Irvine  
**Ann Hartell**  
**Yong Chen**, Oregon State University  
**Lei Zhang**, North Dakota State University

**142. Regional and Urban Issues in Latin America: Informality and Development Saturday Nov 14 | 10:30 AM-12:00 PM | Forum Suite**

**Organizers:** **Rosella Nicolini**, Universitat Autònoma de Barcelona; **José Luis Roig**; **Ivan Muñiz**, Universitat Autònoma de Barcelona; **Miquel-Àngel Garcia-López**, Universitat Autònoma de Barcelona

**Chair:** **José Luis Roig**

- *Informal Employment and Informal Housing in Latin America: Theory, Facts and Ideas for a Unified Framework*, **Ana Isabel Moreno-Monroy**, Universitat Rovira i Virgili; **Héctor Mauricio Posada**, Universidad de Antioquia
- *Spatial Spillover Effects on Labor Market Outcomes: The Case of Metropolitan Area of Mexico City*, **Sayuri A. Koike**, Universitat Autònoma de Barcelona
- *Agglomeration Economies in the Presence of an Informal Sector: The Colombian Case*, **Gustavo A. García**, Universidad de los Andes
- *Co-agglomeration and Backward-Forward Linkage: A Spatial Analysis of Prospective Investment in the Brazilian Economy*, **Bruno de Oliveira Cruz**, IPEA; **Iuri Vladimir Queiroz**, IPEA

**Discussants:**

**Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)  
**Albert Saiz**, Massachusetts Institute of Technology  
**Harris Selod**, World Bank  
**David Cuberes**, Clark University

**143. UEA 09A: Banking and Broadband Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway I**

**Chair:** **Yongqiang Chu**, University of South Carolina

- *Finance and Urbanization in Early Nineteenth-Century New York*, **David Cuberes**, Clark University; **Howard Bodenhorn**, Clemson University
- *Broadband Diffusion and Firm Performance in Rural Areas: Quasi-Experimental Evidence*, **Simone Schueller**, FBK-IRVAPP & IZA; **Giulia Canzian**, FBK-IRVAPP; **Samuele Poy**, Transcrime-Università Cattolica del Sacro Cuore
- *Changing the Climate for Banking: The Economic Effects of Credit in a Climate-Vulnerable Area*, **Daniel Da Mata**, Institute of Applied Economic Research; **Guilherme Resende**, Institute of Applied Economic Research
- *Bank Competition, Credit Supply, and Risk-Taking: Evidence from the Real Estate Market*, **Yongqiang Chu**, University of South Carolina

**Discussants:**

**Yongqiang Chu**, University of South Carolina  
**David Cuberes**, Clark University  
**Simone Schueller**, FBK-IRVAPP & IZA  
**Daniel Da Mata**, Institute of Applied Economic Research

**144. UEA 09B: Urban Theory II Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway II**

**Chair:** **Cecile Gaubert**, University of California, Berkeley

- *The Size of Cities*, **Jordan Rappaport**, Federal Reserve Bank of Kansas City
- *The Emergence of Coagglomeration*, **Arthur O'Sullivan**, Lewis & Clark College
- *Barriers to Migration in a System of Cities*, **Nathan Seegert**, University of Utah
- *Welfare Gains from Interregional Mobility*, **Cecile Gaubert**, University of California, Berkeley

**Discussants:**

**Cecile Gaubert**, University of California, Berkeley  
**Jordan Rappaport**, Federal Reserve Bank of Kansas City  
**Arthur O'Sullivan**, Lewis & Clark College  
**Nathan Seegert**, University of Utah

**145. UEA 09C: Home Prices and Mortgages *Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway III***

**Chair: Jan Rouwendal**, Free University, Amsterdam

- *How Much Do UK Buy-To-Let Investors Pay for Houses?*, **Philippe Bracke**, Bank of England
- *The Effect of Mortgage Credit Availability on House Prices and Investment: Evidence from a Frontier Estimation Approach*, **Elliot Anenberg**, Board of Governors of the FRS
- *Local House Price Diffusion*, **Jeffrey Zabel**, Tufts University
- *Measuring Diverging House Prices*, **Jan Rouwendal**, Free University, Amsterdam

**Discussants:**

**Jan Rouwendal**, Free University, Amsterdam

**Philippe Bracke**, Bank of England

**Elliot Anenberg**, Board of Governors of the FRS

**Jeffrey Zabel**, Tufts University

**146. UEA 09D: Cities in Developing Countries *Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway IV***

**Chair: Yong Suk Lee**, Stanford University

- *Urban-Rural Migration and Congestion Costs Revisited: Is There a Triple Dividend for Cities in Developing Countries?*, **Torben Klarl**, Ulm University
- *Political Budget Cycles and Incentives --Evidence from Prefectural Cities in China*, **Jie Xiao**, Peking University; **Qinghua Zhang**, Peking University; **Brian Knight**, Brown University; **Liutang Gong**, Peking University
- *Countering Sanctions: The Unequal Geographic Impact of Economic Sanctions in North Korea*, **Yong Suk Lee**, Stanford University

**Discussants:**

**Yong Suk Lee**, Stanford University

**Torben Klarl**, Ulm University

**Jie Xiao**, Peking University

**12:30 PM-2:30 PM**

**NARSC Awards Luncheon *Saturday Nov 14 | 12:30 PM-2:30 PM | Grand Ballroom I***

**2:45 PM-4:45 PM**

**147. Sustainable Development and Resilience *Saturday Nov 14 | 2:45 PM-4:45 PM | Cabinet Suite***

**Chair: Amit Batabyal**, Rochester Institute of Technology

- *Labor Market Resilience and Re-orientation in Disaster Scenarios*, **Benjamin A. Jara Valencia**, Ohio State University; **Alessandra Faggian**, Ohio State University
- *Urban Economic Analysis of Land Use Change by Information Provision for Nankai Trough Huge Earthquake in Japan*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Kentaro Mizuno**, Toyohashi University of Technology
- *Business Incentives vs. Sustainable Community Development Strategies: Environment and Equity Goals Explain the Difference*, **Xue Zhang**, Cornell University; **Mildred E. Warner**, Cornell University
- *Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism*, **Amit Batabyal**, Rochester Institute of Technology

**Discussants:**

**Amit Batabyal**, Rochester Institute of Technology

**Benjamin A. Jara Valencia**, Ohio State University

**Yuzuru Miyata**, Toyohashi University of Technology

**Xue Zhang**, Cornell University

**148. Bricks and Mortar v. The Cloud Saturday Nov 14 | 2:45 PM-4:45 PM | Council Suite**

**Chair: Andrea Chegut**, Massachusetts Institute of Technology

- *Spatial Price Discrimination with Online Competition*, **Fu-Chuan Lai**, Academia Sinica; **Guo Wen-Chung**, National Taipei University
- *Spatial Competition vs. Spatial Agglomeration? Concentration and Clustering in the Dutch Retail Sector*, **Ilias Pasidis**, University of Barcelona; **Hans Koster**, VU University Amsterdam
- *Two Analyses of Geographic Pricing Competition: Brick-and-Mortar vs. Brick-and-Mortar and Online vs. Two Brick-and-Mortar Stores*, **Charles Ingene**, University of Oklahoma; **Amiya Basu**, Syracuse University
- *The Economics Behind the Cloud: The Value of Real Estate Capital Serving the Digital Demand*, **Andrea Chegut**, Massachusetts Institute of Technology

**Discussants:**

**Andrea Chegut**, Massachusetts Institute of Technology

**Fu-Chuan Lai**, Academia Sinica

**Ilias Pasidis**, University of Barcelona

**Charles Ingene**, University of Oklahoma

**149. Urban and Regional Economic Development Saturday Nov 14 | 2:45 PM-4:45 PM | Directors Suite**

**Chair: Mark Partridge**, Ohio State University

- *Establishment Size Structure and Economic Performance in U.S. Metropolitan Areas, 2001-2013*, **Michael Chohaney**, University of Toledo; **Oleg A. Smirnov**, University of Toledo
- *A Quasi-Experimental Approach to Measuring Industrial Agglomeration and Regional Productivity in U.S. Manufacturing, 1990-2012*, **Ayoung Kim**, Purdue University; **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *Entrepreneurship and Social Capital in Cities: The Determinants of Regional Advantage*, **Jae Beum Cho**, Cornell University
- *Are the Most Productive Regions Necessarily the Most Successful?*, **Mark Partridge**, Ohio State University; **Mike Betz**, Ohio State University; **Alexandra A. Tsvetkova**, Ohio State University

**Discussants:**

**Mark Partridge**, Ohio State University

**Michael Chohaney**, University of Toledo

**Ayoung Kim**, Purdue University

**Jae Beum Cho**, Cornell University

**150. GIS and Spatial Analysis Saturday Nov 14 | 2:45 PM-4:45 PM | Executive Suite**

**Chair: Brian Blankespoor**, World Bank

- *Using Double Kernel Density Smoothing to the Analysis of Attributeless Point-Based Datasets*, **Boris A. Portnov**, University of Haifa
- *Space-time polygon cluster detection using modified Mahalanobis Distance: A case study of Michigan immunization exemption rates*, **Monghyeon Lee**, University of Texas, Dallas
- *Mapping Huff Measures- A Computer Program of Spatial Analysis*, **Joao F. de Abreu**, Pontifical Catholic University of Minas Gerais; **Guilherme Moravia**, Pontifical Catholic University of Minas Gerais; **Eduardo F. Martins**, Pontifical Catholic University of Minas Gerais
- *Gridding Economic Activity*, **Brian Blankespoor**, World Bank; **Johanan Rivera Fuentes**, World Bank; **Paul Baptiste Blanchard**, World Bank; **Rashmin Gunasekera**, World Bank; **Oscar Anil Ishizawa**, World Bank; **Luis Felipe Jimenez Salazar**, World Bank

**Discussants:**

**Brian Blankespoor**, World Bank

**Boris A. Portnov**, University of Haifa

**Monghyeon Lee**, University of Texas, Dallas

**Joao F. de Abreu**, Pontifical Catholic University of Minas Gerais

**151. Migration and the City *Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria I***

**Chair:** **Martin Korpi**, Ratio Institute

- *Up and Down the Urban Hierarchy: Productivity Gain vs. Price Effect of Cities*, **Diana Gutiérrez-Posada**, University of Oviedo; **Dusan J. C. Paredes**, Universidad Catolica del Norte; **Fernando Rubiera-Morollón**, University of Oviedo
- *Inter-city Movements of Migrant Workers in China: the Duration of Stay and Settlement Intentions in the Host Cities*, **Zheng Tian**, Capital University of Economics and Business; **Ming Tian**, Beijing Normal University; **Brian Cushing**, West Virginia University
- *Toward the Urban Life: Does English Proficiency Matter?*, **Dafeng Xu**, Cornell University
- *Migration, Careers and the Urban Wage Premium: Does Human Capital Matter?*, **Martin Korpi**, Ratio Institute; **William A.V. Clark**, University of California, Los Angeles

**Discussants:**

**Martin Korpi**, Ratio Institute

**Diana Gutiérrez-Posada**, University of Oviedo

**Zheng Tian**, Capital University of Economics and Business

**Dafeng Xu**, Cornell University

**152. Land Use Restriction and Regulation *Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria II***

**Chair:** **Eilya Torshizian**, Auckland Council/The University of Auckland

- *Spatial Planning and the Segmentation of the Land Market*, **Or Levkovich**, VU University; **Jan Rouwendal**, Free University, Amsterdam
- *The Evolution of Municipal Structure*, **Junjie Wu**, Oregon State University; **Yong Chen**, Oregon State University
- *Do Stringent Quotas Slow Down Construction Land Expansion in China?*, **Li Fang**, University of Maryland, College Park
- *Are We Limiting Regional Development by Imposing Planning Permissions?*, **Eilya Torshizian**, Auckland Council/The University of Auckland

**Discussants:**

**Eilya Torshizian**, Auckland Council/The University of Auckland

**Or Levkovich**, VU University

**Yong Chen**, Oregon State University

**Li Fang**, University of Maryland, College Park

**153. Transportation: Applications and Methods *Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria III***

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

- *The Influencing Factors of Load Factor for Freight Vehicles in New York State*, **Wei Zou**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute
- *An Empirical Analysis of Freight Carriers' Bundled Choices Given Toll Changes*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute
- *Influence of Attribute Variation on Pairwise Comparison of Alternatives: Scaling Approach to Random Regret Models*, **Sunghoon Jang**, Eindhoven University of Technology; **Soora Rasouli**, Eindhoven University of Technology; **Harry Timmermans**, Eindhoven University of Technology
- *The Potential Economic Impacts of the Proposed Development Corridor in Egypt: A Spatial CGE Approach*, **Dina Elshahawany**; **Eduardo A. Haddad**, FEA-USP; **Michael L. Lahr**, Rutgers University

**Discussants:**

**Michael L. Lahr**, Rutgers University

**Sunghoon Jang**, Eindhoven University of Technology

**Xiaokun Wang**, Rensselaer Polytechnic Institute

**Wei Zou**, Rensselaer Polytechnic Institute



**154. Innovation and Dissemination of Knowledge Saturday Nov 14 | 2:45 PM-4:45 PM | Parlor C**

**Chair: Roberta Capello**, Politecnico di Milano

- *How Long Do Our Ideas Stay Alive? Citation Distributions Over Time in Regional Science Compared to Other Disciplines*, **Harvey Goldstein**, MODUL University-Vienna; **Gunther Maier**, Vienna University of Economics and Business
- *Interregional Inventor Collaboration and the Commercial Value of Patented Inventions: Evidence from the U.S. Biopharmaceutical Industry*, **Zafer Sonmez**, University of Illinois, Chicago
- *Impact of Knowledge Management Strategies on Firm-Level Innovation in the United States*, **Kathryn R. Dotzel**, Ohio State University
- *Persistence and Evolution in Regional Learning Paradigms and Trajectories: Towards a Dynamic Theory of Territorial Patterns of Innovation*, **Roberta Capello**, Politecnico di Milano; **Camilla Lenzi**, Politecnico di Milano

**Discussants:**

**Roberta Capello**, Politecnico di Milano

**Harvey Goldstein**, MODUL University-Vienna

**Zafer Sonmez**, University of Illinois, Chicago

**Kathryn R. Dotzel**, Ohio State University

**155. Development and Demographic Change Saturday Nov 14 | 2:45 PM-4:45 PM | Senate Suite**

**Chair: Keisuke Kondo**, Research Institute of Economy, Trade and Industry

- *The Influence of Geography and Regional Unemployment on Marriage and Divorce*, **Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB); **Miriam Marcén**, University of Zaragoza
- *Household Social Identities, Regional Economic Development and Gender Educational Disparities in China: Evidence from a Multi-Level Analysis*, **Xueji Wang**, University of North Carolina, Charlotte; **Jean-Claude F. Thill**, University of North Carolina, Charlotte
- *Does Agglomeration Discourage Fertility? Evidence from the Japanese General Social Survey 2000-2010*, **Keisuke Kondo**, Research Institute of Economy, Trade and Industry

**Discussants:**

**Keisuke Kondo**, Research Institute of Economy, Trade and Industry

**Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

**Xueji Wang**, University of North Carolina, Charlotte

**156. Health and Poverty Saturday Nov 14 | 2:45 PM-4:45 PM | Studio Suite**

**Chair: Yanan Li**, Cornell University

- *PSF Impact on Child Mortality in Brazilian Municipalities (1993/2012)*, **Suzana Quinet Bastos**, Universidade Federal de Juiz de Fora; **Bruno Gomes**, Universidade Federal de Juiz de Fora
- *A Social-Ecological Framework to Examine Effects of Environmental Opportunities and Barriers on Hispanic Children's Health*, **Yuchen Cui**, University of Maryland; **Jessica Guo**, Parsons Brinckerhoff; **Margarita Santiago-Torres**, Fred Hutchinson Cancer Research Center; **Dale Schoeller**, University of Wisconsin, Madison; **Sarah Esmond**, University of Wisconsin, Madison; **David Allen**, University of Wisconsin, Madison; **Aaron Carrel**, University of Wisconsin, Madison
- *Education, Poverty, and the Algerian Border: Spatial Perspectives in Morocco*, **Matthew Lehnert**, University of Toledo
- *Does Health Shock Have Persistent Effects in Developing Countries?*, **Yanan Li**, Cornell University

**Discussants:**

**Yanan Li**, Cornell University

**Suzana Quinet Bastos**, Universidade Federal de Juiz de Fora

**Yuchen Cui**, University of Maryland

**Matthew Lehnert**, University of Toledo

**157. Capital and Development Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway IV**

**Chair: Tüzin Baycan**, Istanbul Technical University

- *Local Public Employment Agencies and Unemployment Exit. Insight from a French Quasi-Experiment*, **Mathieu Bunel**, University of Burgundy; **Elisabeth Tovar**, University Paris West

- *Measuring Regional Inclusive Wealth: The Case of West Virginia Counties*, **Hodjat Ghadimi**, West Virginia University
- *A Programming Framework for the Collaborative Development of Regional Strategic Planning Models*, **Brian Gregor**, Oregon Analytics; **Tara Weidner**, Oregon Department of Transportation; **Jeremy Raw**, U.S. Department of Transportation
- *The Dark Side of Social Capital: A Regional Perspective*, **Tüzin Baycan**, Istanbul Technical University; **Özge Öner**, Jönköping International Business School

**Discussants:**

**Tüzin Baycan**, Istanbul Technical University  
**Elisabeth Tovar**, University Paris West  
**Hodjat Ghadimi**, West Virginia University  
**Brian Gregor**, Oregon Analytics

**158. Session in Memory of Walter Isard Saturday Nov 14 | 2:45 PM-4:45 PM | Forum Suite**

**Organizers:** **Adam Rose**, University of Southern California; **Marlon G. Boarnet**, University of Southern California; **Kieran Donaghy**, Cornell University; **Peter Nijkamp**, VU University Amsterdam; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign

- *Upgrading Inter-municipal Water Infrastructure Systems in Hudson River Communities: A Problem for Isardian Regional Science*, **Kieran Donaghy**, Cornell University; **Arash Beheshtian**, Cornell University; **Jati Waluyo**, Cornell University; **Javier Perez-Burgos**, University of the Andes; **Terry L. Friesz**, Pennsylvania State University
- *First/Last Mile Transit Access as an Equity Issue*, **Marlon G. Boarnet**, University of Southern California; **Genevieve Giuliano**, University of Southern California; **Yuting Hou**, University of Southern California; **Eun Jin Shin**, University of Southern California
- *The Road from Marshall via Isard to Porter - The Concept of Effective Clusters*, **Peter Nijkamp**, VU University Amsterdam; **Karima Kourtiti**, KTH Royal Institute of Technology; **Waldemar Ratajczak**, Adam Mickiewicz University

**Discussants:**

**David Boyce**, University of Illinois, Chicago  
**Roger Bolton**, Williams College

**159. Location/Spatial Modeling III Saturday Nov 14 | 2:45 PM-4:45 PM | Parlor B**

**Organizers:** **Alan Murray**, Drexel University; **Ran Wei**, University of Utah

**Chair:** **Daoqin Tong**, University of Arizona

- *GIS Raster Data for Multi-Objective Shortest Path Analysis: The Elephant in the Room*, **F. Antonio Medrano**, University of California, Santa Barbara; **Richard L. Church**, University of California, Santa Barbara
- *A Spatial Econometric Analysis of the Distribution of Farmers' Markets in the United States*, **Wangshu Mu**, University of Arizona; **Daoqin Tong**, University of Arizona; **Sandy Dall Erba**, University of Illinois
- *A Spatial Optimization Modeling Approach for Special Needs Shelter Placement Serving the Aging Population: A Florida Case Study*, **Mark Horner**, Florida State University; **Eren Ozguven**, Florida State University; **Jean-Michael Marcelin**, Florida State University; **Ayberk Kocatepe**, Florida State University
- *Network-Based Model Building for Discrete Location Allocation in Python: Integrating PySAL and Gurobi*, **James Gaboardi**, Florida State University; **David Folch**, Florida State University

**Discussants:**

**Jake R. Nelson**, Arizona State University  
**Fangwu Wei**, Drexel University  
**Richard L. Church**, University of California, Santa Barbara  
**Ran Wei**, University of Utah

**160. UEA 10A: Urban Structure, Trade and Welfare Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway I**

**Chair:** **Daniel Murphy**, University of Virginia

- *Cities in Bad Shape: Urban Geometry in India*, **Mariaflavia Harari**, Massachusetts Institute of Technology

- *Local Labor Markets Effects of Trade Policy Uncertainty: Evidence from China's WTO Accession*, **Andrei Victor Potlogea**, Pompeu Fabra University; **Wenya Cheng**, University of Manchester
- *Measuring the Stringency of Land-Use Regulation and Its Determinants: The Case of China's Building-Height Limits*, **Jan Brueckner**, University of California, Irvine; **Shihe Fu**, Southwestern University of Finance and Economics; **Yizhen Gu**, University of California - Berkeley; **Junfu Zhang**, Clark University
- *Welfare Consequences of Asymmetric Growth*, **Daniel Murphy**, University of Virginia

**Discussants:**

**Daniel Murphy**, University of Virginia  
**Mariaflavia Harari**, Massachusetts Institute of Technology  
**Andrei Victor Potlogea**, Pompeu Fabra University  
**Junfu Zhang**, Clark University

**161. UEA 10B: Transportation Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway II**

**Chair: Jonathan Hall**, University of Toronto

- *Vickrey Meets Alonso: Commute Scheduling and Congestion in a Monocentric City*, **Mogens Fosgerau**, Technical University of Denmark; **Jinwon Kim**, California State University, Long Beach
- *Airport Size and Urban Growth*, **Nicholas Sheard**, Norwegian University of Science and Technology
- *The Value of Urgency: Evidence from Congestion Pricing Experiments*, **Kevin D. Roth**, University of California, Irvine; **Antonio M. Bento**, Cornell University; **Andrew Waxman**, Cornell University
- *When Pricing Fewer Lanes on Congested Highways is Better*, **Jonathan Hall**, University of Toronto

**Discussants:**

**Jonathan Hall**, University of Toronto  
**Jinwon Kim**, California State University, Long Beach  
**Nicholas Sheard**, Norwegian University of Science and Technology  
**Kevin D. Roth**, University of California, Irvine

**162. UEA 10C: Local Economic Development Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway III**

**Chair: Jianfeng Wu**, Fudan University

- *What Matters More for Economic Development, the Amount of Funding or the Number of Projects Funded? Evidence from the Community Development Financial Investment Fund*, **Kaitlyn Harger**, Florida Gulf Coast University; **Heather Stephens**, West Virginia University
- *Do English Planning Policies Make Shopping More Sustainable?*, **Paul Charles Cheshire**, London School of Economics; **Christian A. L. Hilber**, London School of Economics; **Rosa Sanchis-Guarnier**, London School of Economics
- *Picking Winners in Industrial Policy or Playing Politics? New Estimates of the Productivity Impacts of China's Industrial Parks*, **Matthew Kahn**, University of California, Los Angeles; **Weizeng Sun**, Tsinghua University; **Jianfeng Wu**, Fudan University; **Siqi Zheng**, Tsinghua University

**Discussants:**

**Jianfeng Wu**, Fudan University  
**Amanda Ross**, West Virginia University  
**Paul Charles Cheshire**, London School of Economics

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