## Tuesday, 08 November 8:00 AM-5:00 PM

Special Session: Workshops -- Gray's/Wayzata Bay

## Wednesday, 09 November

Special Session: Workshops -- Excelsior Bay

Special Session: Workshops -- Gray's Bay

Special Session: Workshops -- Spring Park Bay

Special Session: Workshops -- Wayzata Bay

4:00 PM-8:30 PM

Registration: Registration -- Registration

6:30 PM-7:30 PM

Special Session: Words of Welcome and RSAI Fellows Plenary -- Gray's/Wayzata Bay

8:00 PM-9:00 PM

Special Session: NARSC Icebreaker Reception -- Atrium

Thursday, 10 November 7:30 AM-5:30 PM

Registration: Registration -- Registration

## 8:00 AM-10:00 AM

- 1. Formal Paper Session: Big Data in Regional Science and Transport I -- Birch Lake
  - **Organizers:** Elizabeth A Mack, Michigan State University; Karst Geurs, University of Twente; Laurie Schintler, George Mason University; Emmanouil Tranos, University of Birmingham
  - Belgium through the lens of rail travel requests (API): does geography matter? THOMAS Isabelle —
     Université catholique de Louvain, Arnaud Adam Université catholique de Louvain, Jonathan Jones —
     Université catholique de Louvain, Christophe Cloquet Université catholique de Louvain, Adeline
     Decuyper Université catholique de Louvain
  - Accessibility vs. mobility: using big data to compare dynamic accessibility and actual mobility strategies Maria Henar Salas-Olmedo — Universidad Complutense Madrid, Borja Moya-Gómez — Complutense University of Madrid, Gustavo Romanillos — Complutense University of Madrid, Juan Carlos García-Palomares — Complutense, Javier Gutiérrez — Complutense University of Madrid

 Spatio-temporal inequalities in job accessibility in the Netherlands Karst Geurs — University of Twente, Borja Moya-Gomez — Universidad Complutense, Marcin Stepniak — Polish Academy of Science, John Pritchard — University of Twente

#### 2. Formal Paper Session: Theories in Transportation -- Cook's Bay

- Moving the Masses: The Electrification of the Streetcar System and the Decline of Mom-and-Pop Stores in Boston 1885-1905 Wei You University of California San Diego
- Crowding and Optimal Tariffs Under Second-Best Capacity Provision in Public Transport Daniel Hörcher Imperial College London, Daniel J. Graham — Imperial College London
- On the sustainability of a monocentric city: Lower transport costs from new transport facilities Toshitaka Gokan Institute of Developing Economies JETRO
- Time Allocation and Urban Commuting Patterns: Evidence from US Metropolitan Areas Akiko Sakanishi Nara Prefectural University
- Transit Investment and Neighborhood Change: On the Likelihood, Timing and Stability of Change Isabelle
   Nilsson University of North Carolina Charlotte, Elizabeth Delmelle University of North Carolina Charlotte

#### 3. Formal Paper Session: Economic Development: Policy and Practice I -- Crystal Lake

- Diffused Inclusive Community & Entrepreneurship Paradigm Marcello Graziano Central Michigan
  University, Jasper O. Kenter Scottish Association for Marine Science, Suzi Billing Scottish Association
  for Marine Science, Lucy Greenhill Scottish Association for Marine Science
- Regional Determinants of Research and Development Institutions in India: Spatial Analysis Sudhir K. Thakur California State University Sacramento
- The Digital Economy and the Rural-Urban Labor Hierarchy Peter Stenberg Economic Research Service USDA
- Urban-rural relations in a post-urban world Hans Westlund KTH & JIBS

#### 4. Formal Paper Session: Future directions in population studies -- Deer Lake

**Organizer:** Katherine Nesse, Seattle Pacific University

- Demography and Demographic Methods in an Era of Big Data Bruce Newbold McMaster University, Mark Brown — Statistics Canada
- A search for a relationship between neighborhood disorder and the demographic characteristics of the residents Katherine Nesse Seattle Pacific University
- The View from Over the Hill: Regional Research in a Post--Demographic Transition World Rachel S. Franklin Brown University, David Plane University of Arizona
- Borrowing from the Demographer's Toolbox: Longitudinal Methods in Regional Science Brigitte Waldorf
   — Purdue University

#### **Discussant:**

• Katherine Nesse, Seattle Pacific University

## 5. Formal Paper Session: Natural Resources: Models and Applications I -- Elk Lake

 The Examination and Analysis of the Long-run Relationship between Crude Oil Prices and the Stock Market (Market Capitalization); Evidence from Middle Eastern Economies (2000-2015) Mousa Tawfeeq — West Virginia University

- India's Energy Reform: Regional Impact of Electricity Grid Separation in Gujarat Abdul Munasib —
   BEA, Devesh Roy International Food Policy Research Institute, Avinash Kishore International Food Policy Research Institute, Akshay Bhatnagar International Food Policy Research Institute
- Costs and impacts of reducing Greenhouse Gas Emissions in Brazil Edson Paulo Domingues Cedeplar-LIFMG
- How Do Shocks in Oil Prices Affect Welfare Programs in Kern County? Nyakundi Michieka California State University, Bakersfield

#### 6. Formal Paper Session: Social Interaction and Development -- Gray's Bay

- Estimating the Determinants of the Demographic Mismatch between Schools and Neighborhoods in Urban Areas Miles M. Finney California State Los Angeles
- Social Networks and Choice Well-Being in Risky Environments: The Drug War in Mexico. Fernando Plascencia — Cornell University
- Individual and spatial heterogeneity in the accumulation of civic capital Giorgio Fazio Newcastle
  University, Enza Maltese University of Palermo, Davide Piacentino University of Palermo
- Social networks and their impact on community participation: setting-up a discrete choice experiment. Eveline S. van Leeuwen — VU University Amsterdam, Rixt Bijker — VU University Amsterdam

#### 7. Formal Paper Session: Trade and Economic Development -- Lafayette Bay

- The Regional Impact of the Transatlantic Trade & Investment Partnership (TTIP) on partner and Low Income Countries Steven Brakman — University of Groningen, Tristan Kohl — University of Groningen, Charles Van Marrewijk — University of Utrecht
- Firm Networks, Borders and Regional Economic Integration Mark Brown Statistics Canada, Afshan Dar-Brodeur , Jesse Tweedle Statistics Canada
- The analysis of borders effects in intra-African trade Alain Pholo Bala University of Johannesburg, Emilie Kinfack Djoumessi — University of Johannesburg
- Is Trade Harmful for Growth? Evidence from Southeast Asia Yuri Mansury Cornell University, Jingwen Li Cornell University
- Intra-regional integration in Americas and the impact on the Brazilian economy Fernando Salgueiro Perobelli Federal University of Juiz de Fora, Vinicius A. Vale Federal University of Juiz de Fora, Admir A. Betarelli Federal University of Juiz de Fora

#### 8. Formal Paper Session: Housing Methods and Applications I -- Lake Harriet

- Heterogeneity of Appreciation Rate Across House Price Distribution in Beijing, China Lei Zhang North Dakota State University, Yimin Yi — North Dakota State University
- Integrating Social Network Insights into a Spatial Agent-Based Model of Housing Price Dynamics in Beijing Ziye Zhang — Cornell University
- Rent/Value Ratios in Spatial Disequilibrium: Booming versus Lagging Cities Alessandra Faggian The
  Ohio State University, Philip E. Graves University of Colorado, Mark Partridge Ohio State
  University, Rodrigo A. Perez The Ohio State University
- Long-run neighborhood effects of sales of suburban public rental housing Paul E. Thorsnes University
  of Otago

## 9. Formal Paper Session: Migration: Labor Applications -- Maple Lake

- Career trajectories of immigrants in Sweden Mikaela Backman Jonkoping International Business School, Esteban Lopez — University of Illinois - Urbana-Champaign, Francisco Rowe — University of Liverpool
- Temporary Migration and the Skill Composition of Native Workers Daniel Crown The Ohio State
  University, Alessandra Faggian The Ohio State University, Jonathan Corcoran University of
  Oueensland
- Children Left Behind in China: The Role of School Fees Hai-Anh Dang The World Bank, Yang Huang —
   Paris Schol of Economics, Harris Selod The World Bank
- Do Foreigners Crowd Natives out of STEM Degrees and Occupations? Evidence from the U.S. Immigration Act of 1990 Tyler Ransom Duke University, John V. Winters Oklahoma State University

#### 10. Formal Paper Session: Migration and Economic Development -- Pine Lake

- Economic resilience and interregional migration Daniel Crown The Ohio State University, Timothy B. Jaquet Ohio State University, Alessandra Faggian The Ohio State University
- The missing ingredient: Distance Internal migration and its long term impact on economic development in the United States Viola von Berlepsch London School of Economics & Political Science
- Are Chinese Rural Migrants Willing to Convert to Urban Hukou? A Multilevel Model Study ZHENG TIAN —
   Capital University of Economics and Business, Ming Tian Beijing Normal University
- Amenities and Employment in the Migration Decisions of Recent College Graduates Robert Allen Manduca — Harvard University
- Provincial valuations of human capital in urban China, inter-provincial inequality and the implicit value of a Guangdong hukou Jeffrey Zax — University of Colorado at Boulder

#### Business Meeting: NARSC Council Meeting (Invitation Only) -- Cedar Lake

## 11. Urban Economics Association: Location, Regional Integration and Regional Policies -- Excelsior Bay

Chair: Simon Ray, Banque of France

- The welfare impact of tourism in an urban setting Gianandrea Lanzara University of Bologna, Gaetano Alfredo Minerva University of Bologna
- What Really Drives Spatial Demand? Evidence from Obstetrics Ted Rosenbaum Federal Trade Commission, Devesh Raval — Federal Trade Commission
- Transport Infrastructure, Regional Integration, and Firm Productivity Yi Niu Capital University of Economics and Business, Beijing
- Frictions in the corporate real-estate market, firms' relocation and employment dynamics Antonin Bergeaud London School of Economics, Simon Ray Banque of France

## **Discussants:**

- Simon Ray, Banque of France
- Yi Niu, Capital University of Economics and Business, Beijing
- Gaetano Alfredo Minerva, University of Bologna
- Ted Rosenbaum, Federal Trade Commission

## 12. Urban Economics Association: Housing and Real Estate -- Spring Park Bay

Chair: Thom Malone, University of Southern California

• Land-Use Constraints and the Intensive Margin of Housing Supply Zhi Wang — Fudan University, Qinghua Zhang — Peking University, Ya Tan — Peking University

- A Housing Search Model with Mortgage Rates Elliot Anenberg Board of Governors of the FRS, Edward Kung University of California Los Angeles
- Housing Market Spillovers in a System of Cities Thom Malone University of Southern California

#### **Discussants:**

- Elliot Anenberg, Board of Governors of the FRS
- Thom Malone, University of Southern California
- Qinghua Zhang, Peking University

#### 13. Urban Economics Association: Transportation I -- Wayzata Bay

Chair: Kenzo Asahi, Pontificia Universidad Catolica de Chile

- The Geographical Effects of Transportation Infrastructure on Firms' Output and Productivity Patterns across East and West Germany Samira Barzin Imperial College London, Daniel J. Graham Imperial College London, Sabine DCosta The University of Westminster
- How City Changes? The Effect of Public Transport in Urban Agglomeration of Bogota Miguel Andrés Garzón Ramírez — University of the Andes
- Commuting in a city with central and suburban bottlenecks: Theory and evidence Jinwon Kim —
   California State University Long Beach, Mogens Fosgerau Technical University of Denmark
- Better Public Transport Accessibility Implies Lower High School Test Scores: Evidence from a Subway
   Expansion Kenzo Asahi Pontificia Universidad Catolica de Chile

#### **Discussants:**

- Miguel Andrés Garzón Ramírez, University of the Andes
- Kenzo Asahi, Pontificia Universidad Catolica de Chile
- Samira Barzin, Imperial College London
- Jinwon Kim, California State University Long Beach

8:30 AM-10:00 AM

Business Meeting: PiRS Editorial Board Meeting (Invitation Only) -- Grand Portage Ballroom

10:00 AM-10:30 AM

: Coffee Break -- Grand Portage Ballroom

10:30 AM-12:00 PM

Special Session: NARSC Presidential Plenary -- Grand Portage Ballroom

12:30 PM-2:30 PM

Business Meeting: PRSCO Council Luncheon (Invitation Only) -- Cedar Lake

1:30 PM-3:30 PM

14. Formal Paper Session: Big Data in Regional Science and Transport II --Birch Lake

**Organizers:** Elizabeth A Mack, Michigan State University; Emmanouil Tranos, University of Birmingham; Laurie Schintler, George Mason University; Karst Geurs, University of Twente

- A Ground-up Approach to Emissions Modelling Using Smartphone GPS Data from Regular Drivers and Open Source Road Network Amir Zahabi — McGill University, Joshua Stipancic — McGill University, Luis Miranda-Moreno — McGill University
- Visual Exploration of Movement Patterns and Physics under Prism Constraints Ying Song University of Minnesota, Twin Cities, Harvey J. Miller — Ohio State University, Xuesong Zhou — Arizona State University, Stempihar Stempihar — Arizona State University
- Externalities of Traffic Congestion: Evidence from the Residential Property Values in the US Great Lakes Megaregion Jangik Jin — University of Wisconsin-Madison, Peter Rafferty — University of Wisconsin -Madison

## 15. Formal Paper Session: Transportation: Methods and Models -- Cook's Bay

- Causal Identification of Gentrification and Displacement Effects of Urban Rail Infrastructure Eleni Bardaka Purdue University, Michael Delgado Purdue University, Raymond J.G.M. Florax Purdue University
- Local elasticities and urban equilibrium: Decomposing the effects of transit in Los Angeles Christopher Severen University of California, Santa Barbara
- Estimation and Simulation of a Dynamic Interregional NEG Commodity-Flow Model Ziye Zhang Cornell University, Arash Beheshtian Cornell University, Ben Brown-Steiner Massachusetts Institute of Technology, Kieran P. Donaghy Cornell University
- Travel Costs and Healthy Food Accessibility: A Case Study of Indianapolis V. Dimitra Pyrialakou West Virginia University, Konstantina Gkritza Purdue University
- Impact of built environment on transportation behavior: the role of peer effects Changjoo Kim —
   University of Cincinnati, Olivier Parent University of Cincinnati, Rainer vom Hofe University of
   Cincinnati

#### 16. Formal Paper Session: Local Public Finance and Economic Development I -- Crystal Lake

- Do local governments use tax incentives to compensate for high business property taxes? David
   Merriman University of Illinois at Chicago, Joshua M. Drucker University of Illinois at Chicago, Rick
   Funderburg University of Illinois at Springfield, Rachel N. Weber University of Illinois at Chicago
- Impacts of Microcredit Programs on Employment and Income in the Brazilian Semiarid Area Renata M. Caldas Universidade Federal de Pernambuco, Brazil
- Spatial Distribution of Public Finance in Russia Vladimir Klimanov Institute for Public Finance Reform, Ksenia Budaeva — Institute for Public Finance Reform
- Significance of Property Tax for Local Governments: An Empirical Study Biswa Das Iowa State University

# 17. Formal Paper Session: Improving Methods for Building and Using Regional Social Accounts and Models -- Deer Lake

Organizer: Greg Alward, Alward Institute for Collaborative Science

- Developing Standard Protocols for Impact and Contribution Analyses of Agriculture Greg Alward Alward Institute for Collaborative Science
- Developing a Standard Protocols for Impact and Contribution Analysis of Forestry Greg Alward Alward Institute for Collaborative Science, David D. Kay Alward Institute for Collaborative Science
- Practical Methods to Improve Regional SAMs Greg Alward Alward Institute for Collaborative Science, David D. Kay — Alward Institute for Collaborative Science

From Ag Budgets to Input-output Accounts: Measuring the Economic Contribution of Regional Production
 Agriculture David D. Kay — Alward Institute for Collaborative Science, Stephen Cooke — Alward Institute
 for Collaborative Science, Greg Alward — Alward Institute for Collaborative Science

#### **Discussants:**

- Greg Alward, Alward Institute for Collaborative Science
- David D Kay, Alward Institute for Collaborative Science
- Larry Leefers, Michigan State University
- Philip Watson, University of Idaho

#### 18. Formal Paper Session: The Environment: Spatial Considerations -- Elk Lake

- A Spatial Econometric Analysis of Urban Water Demand: a case study of Charlotte, North
   Carolina Yuhong Zhou Medical College of Wisconsin, Jean-Claude F. Thill Univ. of North Carolina at
   Charlotte
- Uncertainties arising from selected sources of error in Syracuse blood lead level data Monghyeon Lee —
  The University of Texas Dallas, Yongwan Chun Universeity of Texas at Dallas, Daniel A. Griffith The
  University of Texas at Dallas
- Spatial spillovers and temporal dynamics: heterogeneous impacts of agricultural land use on water quality Shanxia Sun — Purdue University, Michael Delgado — Purdue University, Juan Sesmero — Purdue University

#### 19. Formal Paper Session: Innovation and Spillover I -- Gray's Bay

- Clustering to Coordinate: Who Benefits from Knowledge Spillovers? Santiago Truffa UC
   Berkeley, Gonzalo Maturana Emory University, Williams Grieser Tulane University
- University Knowledge Spillovers, Geographic Proximity and Innovation: an analysis of patent filings across U.S. counties Timothy Slaper Indiana University, Ping Zheng Indiana University
- Technology Intensity and Agglomeration Economies Jiaochen Liang California State University
   Fresno, Stephan J Goetz Penn State University
- Evaluating Spatial Economic Impacts in Cross-border Regions in Japan: A Regional Input Output Model
   Approach Hiroyuki SHIBUSAWA Toyohashi University of Technology, Yuzuru Yuzuru Toyohashi
   University of Technology, Katsuhiro Sakurai Rissho University

#### 20. Formal Paper Session: Input-Output Methods -- Lafayette Bay

- The Coordination of Monetary and Fiscal Policy in Regional Economy: The Case of Indonesia Jati Waluyo
   Cornell University
- IMPLAN's Phoenix Project william ault IMPLAN
- Identification of Key Sectors in the Regional Economy of Metropolitan Areas: A Network Analysis Approach
  using Input-Output (I-O) data Fernando DePaolis Middlebury Institute of International Studies, Phil
  Murphy Middlebury Institute of International Studies
- Mexico: Economic Performance of Local Economies. 2003-2013. Alejandro DAVILA UNIVERSIDAD AUTONOMA DE COAHUILA, Miriam Valdes — UAdeC - CISE

## 21. Formal Paper Session: Housing Policy and Practice I -- Lake Harriet

 Housing Affordability: The Land Use Regulation link to Informal Tenure in Developing Countries Cynthia Goytia — Torcuato Di Tella University, Ricardo Pasquini — Torcuato Di Tella University

- House price determination, loss aversion, and negative equity: Seller behavior in the absence of downpayment constraints Joep Steegmans — CPB Netherlands Bureau for Economic Policy Analysis, Wolter Hassink — Utrecht University
- Equitable Urban Revitalization and Access to Amenities Nicholas B. Irwin Ohio State University
- Public Rental Housing Really Open a door for Rural Migrants?--Based on study about Rural Migrants' Job
   Stability and Housing Experiences in Urban China Jiemin Wu University of Maryland-College Park

#### 22. Formal Paper Session: Labor and Human Capital -- Maple Lake

- The Effects of Firm's Location on the Persistency of Various Types of Innovation Charlie Karlsson —
  Jönköping International Business School, Sam Tavassoli CIRCLE, Lund University
- Regional Employment Effects of Technological Change Uwe Blien Institut fuer Arbeitsmarkt- und Berufsforschung, Oliver Ludewig — IAB Institute for Employment Research
- Is there a lack of STEM specialists? An empirical analysis for Germany Stephan Brunow Institute for Employment Research, Stefanie Lösch TU Dresden
- Health Status and Labor Income in Brazil: Do healthy workers earn more? Flavia Chein Federal
  University of Juiz de Fora, Esther Grizende Garcia Federal University of Juiz de Fora

#### 23. Formal Paper Session: Migration and Population (International) -- Pine Lake

- Regional Demographic Forecasts for Japan Using a Multiregional Model Incorporating Economic Conditions Kazuyoshi Nakano — Central Research Institute of Electric Power Industry
- The dynamics of villages, towns and cities in sub-Saharan Africa: the case of Mali
   Brian Blankespoor —
   The Wolrd Bank, Harris Selod The World Bank, Sandrine Mesple-Somps IRD, France, Gilles Spielvogel
   — Universite Paris 1 Pantheon-Sorbonne
- Immigrant Diversity and Wages in the Global South: Same-Same or Different? Abigail M. Cooke University at Buffalo, SUNY, Thomas Kemeny University of Southampton
- Cohort size and transitions into the labour market Duncan Roth Institute for Employment Research

#### 24. Urban Economics Association: Ethnic Minorities, Discrimination and Segregation -- Excelsior Bay

Chair: Stephen L Ross, University of Connecticut

- Efforts for Cultural Assimilation and Graduate School Admissions: Academic Pursuits versus Geographic Preferences? Dafeng Xu Cornell University
- Transit Access and Neighborhood Segregation. A Study of the Dallas Light Rail System Kilian Heilmann University of California San Diego
- Moved to Opportunity: The Long-Run Effect of Public Housing Demolition on Labor Market Outcomes of Children Eric Theodore Chyn — University of Michigan
- Veil of Darkness Tests for Racial Profiling in Traffic Stops when Minority Motorists Respond to Visibility Jesse Kalinowski — University of Connecticut, Matthew Ross — University of Connecticut, Stephen L Ross — University of Connecticut

#### **Discussants:**

- Kilian Heilmann, University of California San Diego
- Eric Theodore Chyn, University of Michigan
- Stephen L Ross, University of Connecticut
- Dafeng Xu, Cornell University

#### 25. Urban Economics Association: Urbanization and Housing -- Lake Calhoun

Chair: Stuart Gabriel, UCLA Anderson School of Management

- What is Different About Urbanization in Rich and Poor Countries? Cities in Brazil, China, India and the
  United States Juan Pablo Chauvin Harvard University, Edward L. Glaeser Harvard University, Yurean
  Ma Harvard University, Kristina Tobio Harvard University
- All roads lead to Rome ... and to sprawl? Evidence from European cities Miquel-Angel Garcia-Lopez —
  Universitat Autonoma Barcelona
- An anatomy of Italian cities: Evidence from firm level data Andrea Lamorgese Bank of Italy, Andrea Petrella Bank of Italy
- A Crisis of Missed Opportunities? Foreclosure Costs and Mortgage Modification During the Great Recession Stuart Gabriel — UCLA Anderson School of Management, Matteo Iacoviello — Federal Reserve Board of Governors, Chandler Lutz — Copenhagen Business School

#### **Discussants:**

- Miquel Àngel Garcia Lopez, Universitat Autònoma de Barcelona
- Andrea Lamorgese, Bank of Italy
- Stuart Gabriel, UCLA Anderson School of Management

#### 26. Urban Economics Association: China -- Spring Park Bay

Chair: Wei Xiao, Southwestern University of Finance and Economics

- Does Adversity Affect Long-Term Consumption and Financial Behaviour? Evidence from China's Rustication
   Programme Yi Fan National University of Singapore
- Housing Price and Fundamentals in A Transition Economy: The Case of Beijing Market bing han —
   University of Toronto, Lu Han University of Toronto, John Zhu University of Alberta
- The Value of Centralization: Evidence from a Political Hierarchy Reform in China Shiyu Bo London School of Economics
- Agricultural Land and Rural-Urban Migration in China: A New Pattern Wei Xiao Southwestern University of Finance and Economics

#### **Discussants:**

- bing han, University of Toronto
- Shiyu Bo, London School of Economics
- Wei Xiao, Southwestern University of Finance and Economics
- Yi Fan, National University of Singapore

#### 27. Urban Economics Association: Spatial Economic Theory I -- Wayzata Bay

Chair: Takatoshi Tabuchi, University of Tokyo

- Geography, Technology, and Optimal Trade Policy with Heterogeneous Firms Antonella Nocco —
   University of Salento Lecce, Gianmarco I.P. Ottaviano London School of Economics, Matteo Salto —
   European Commission
- Distorted monopolistic competition Kristian Behrens Université du Québec à Montréal, Giordano Mion
   —, Yasusada Murata Nihon University, Jens Suedekum Düsseldorf Institute for Competition
   Economics (DICE)
- On the optimal commodity taxation in a spatial setting Tatsuhito Kono Tohoku University, David Pines
   Tel Aviv University
- Multi-product Oligopoly and Trade Takatoshi Tabuchi University of Tokyo, Yi-Ling Cheng Tunghai University

#### **Discussants:**

- Yasusada Murata, Nihon University
- David Pines, Tel Aviv University

- Takatoshi Tabuchi, University of Tokyo
- Antonella Nocco, University of Salento Lecce

## 3:30 PM-4:00 PM

#### : Coffee Break -- Grand Portage Ballroom

## 4:00 PM-5:30 PM

Business Meeting: RSAI Long Range Planning Cmte. Meeting (Invitation Only) -- Cedar Lake

## 4:00 PM-6:00 PM

#### 28. Formal Paper Session: Big Data in Regional Science and Transport III --Birch Lake

**Organizers:** Elizabeth A Mack, Michigan State University; Emmanouil Tranos, University of Birmingham; Laurie Schintler, George Mason University; Karst Geurs, University of Twente

- Constructing a Routable Transit Network from a Real-time Vehicle Location Feed Nate Wessel —
   University of Toronto, Jeff Allen University of Toronto, Steven Farber University of Toronto
- Location as an Opportunity and Obstacle in the Use, Application and Management of Spatial Big Data Laurie Schintler — George Mason University
- Big Data for Urban Housing Value Research Zhenhua Chen Ohio State University

## 29. Formal Paper Session: Transportation Infrastructure -- Cook's Bay

- Impact of High-Speed Rail on Regional Economic Disparity in China Zhenhua Chen Ohio State University, Kingsley Haynes — George Mason University
- The impact of Motorways on urban growth in the presence of land development restrictions
   VU University Amsterdam, Jan Rouwendal
   VU University Amsterdam
- Monopoly pricing and price regulation for privatized airports with the commercial sector Katsumi Tanabe
   Keio University
- Mobility in Cities: Distributional Impact Analysis of Transportation Improvement in São Paulo Metropolitan Region Eduardo A. Haddad — University of Sao Paulo, Eduardo Germani — TTC Engenharia de Trafego e de Transportes LTDA, Nancy Lozano Gracia — The World Bank, Renato S. Vieira — University of Illinois -Urbana-Champaign, Bianca Bianchi Alves — World Bank, Shohei Nakamura — World Bank, Emmanuel Skoufias — World Bank

#### 30. Formal Paper Session: Community Development -- Crystal Lake

- Informal settlements and labor Informality: A first Approach Relationship for Colombian Cities Javier Perez — Banco de la Republica (The Central Bank of Colombia), Jaime Bonet — Banco de la Republica, Edwin Chirivi — Camacol
- Impacts of Rural Hospital Closures on Housing Values Cristina Miller Economic Research Service
- The Wealth of Cities: Rural Development Juan D. Soto Latin American Center for Rural Development (RIMISP), Milena Vargas Rimisp -- Latin American Center for Rural Development, Julio Berdegué Rimisp -- Latin American Center for Rural Development

## 31. Formal Paper Session: Regional Economic Effects of Disasters -- Deer Lake

- Organizer: Yasuhide Okuyama, University of Kitakyushu
- The Challenge of Estimating the Impact of Disasters: many approaches, many limitations and a compromise Andre Fernandes Tomon Avelino University of Illinois at Urbana-Champaign
- A MultiRegional Impact Assessment (MRIA) Model for disaster analysis Elco Koks VU University Amsterdam
- Long-term adaptation planning for climate-resilient infrastructures Arash Beheshtian Cornell University, Kieran P. Donaghy — Cornell University
- Disaster Impact Analysis with Environmental Consideration Yasuhide Okuyama University of Kitakyushu

#### **Discussants:**

- Elco Koks, VU University Amsterdam
- Yasuhide Okuyama, University of Kitakyushu
- Andre Fernandes Tomon Avelino, University of Illinois at Urbana-Champaign

#### 32. Formal Paper Session: Recovery from Disaster and Environmental Degradation -- Elk Lake

- Environmental Hazards and Mortgage Credit Risk: Evidence from Texas Pipeline Incidents Minhong Xu —
   University of Illinois at Urbana-Champaign, Yilan Xu University of Illinois Urbana-Champaign
- The Rising of Financial City under the Political Vulnerabilities: Case Study in YC Obsolete Industrial Area, Guangdong, Mainland China Chi-Tung Hung — Ming Chuan University, Wen-Yen Lin — Ming Chuan University, Chin-Wei Lu — Ming Chuan University
- Impacts of the Japan-Earthquake and Effects of Restoration in the Tohoku Region: using of a Regional I-O table and DSCGE Model Suminori TOKUNAGA — Reitaku University, Mitsuru Okiyama — Reitaku University
- Flood Mitigation and Community Rating System Meri Davlasheridze Texas A& M, Galveston, Qin Fan
   California State University, Fresno
- Comparing apples to oranges in economic impacts of natural disasters: input-output models in assessing the 2007 Chehalis River Flood (WA) Andre Fernandes Tomon Avelino — University of Illinois at Urbana-Champaign, Sandy Dall Erba — University of Illinois

## 33. Formal Paper Session: Spatial Econometric Methods -- Gray's Bay

- Important Overlooked IVs in Spatial Models Gianfranco Piras CUA, Harry H. Kelejian University of Maryland - College Park
- Spatial autoregressive discrete choice models for grouped data flows Patricio Aroca Adolfo Ibáñez University, Coro Chasco — Madrid Autonomus University
- Spatial Holes, Missing Neighbors, Global Processes and the Challenge of Spatial Analysis Should we
  consider the utility of spatial analysis when there is no neighbor in the survey sample? Xue Zhang —
  Cornell University
- Identifying high-leverage locations in spatial autoregressive models Oleg A. Smirnov University of Toledo
- Estimating Bayesian Spatial Econometric Models with Hamiltonian Monte Carlo Levi John Wolf —
   Arizona State University, Luc Anselin University of Chicago, Daniel Arribas-Bel University of Liverpool

## 34. Formal Paper Session: Econometric Methods and Models -- Lafayette Bay

"Moneyball for Government" Meets the "Cult of Statistical Significance:" What to Do When Nonsignificant
Findings Have Normative Implications? Jason P. Brown — Federal Reserve Bank of Kansas City, Dayton
M. Lambert — University of Tennessee, David A. McGranahan — USDA Economic Research
Service, Timothy Wojan — USDA Economic Research Service

- State Real GDP and the Coincident Index: A Preliminary Comparison Francis Ahking University of Connecticut
- An Examination of Shift-Share Demand Indicators: The Bartik Instrument at Twenty-Five Daniel A.
   Broxterman Florida State University, William D. Larson Federal Housing Finance Agency
- Regional Inequality and Economic Crises: an international panel analysis (1990-2014) Davide Furceri —
  University of Palermo, Fabio Mazzola University of Palermo, Pietro Pizzuto University of Palermo
- Non-metropolitan areas local characteristics: what impacts on new business creation and business closure? Ismaelh Ahmed Cisse Laval University, Jean Dube Universite Laval

#### 35. Formal Paper Session: Impacts on Housing Prices I -- Lake Harriet

- The Spatial and Time-Varying Social Contagion Effect of Distressed Sales Qin Fan California State University, Fresno, J. Andrew Hansz Old Dominion University
- The persistence of foreclosure shocks on the housing price Xian Bak University of Illinois at Urbana-Champaign, Geoffrey Hewings University of Illinois Urbana-Champaign
- Impact of Home Purchase Restrictions on Housing Prices in China Xin Li City University of Hong Kong
- Pipeline Incidents and Residential Property Values in Texas Cristina Miller Economic Research
  Service, Minhong Xu University of Illinois at Urbana-Champaign, Yilan Xu University of Illinois Urbana-Champaign
- Flood Hazards Impact on Neighborhood House Prices Lei Zhang North Dakota State University

#### 36. Formal Paper Session: Labor: Wages -- Maple Lake

- Is the wage curve overestimated? Bartlomiej Rokicki University of Warsaw
- Job Polarization on Local Labor Markets? Uwe Blien Institut fuer Arbeitsmarkt- und Berufsforschung, Wolfgang Dauth IAB Institute for Employment Research
- Urban Wage Premium Revisited: Evidence from Japanese Matched Employer-Employee Data Keisuke
   Kondo Research Institute of Economy, Trade and Industry
- Wage Compensation for Fly-in/Fly-out Commuters in Chile Dusan Paredes Catholic University of the North, Juan D. Soto — Latin American Center for Rural Development (RIMISP), David Fleming — Csiro

#### 37. Formal Paper Session: Migration and Population (U.S.) -- Pine Lake

- Technological Change and the Diffusion of Mexican Immigrants in the US Younjun Kim University of Nebraska-Lincoln, Eric Thompson — University of Nebraska - Lincoln
- The Impact of the 2011-2014 Illinois Tax Hike on Migration -- A General Equilibrium Approach Yizhou Zhang University of Illinois at Urbana-Champaign, Geoffrey Hewings University of Illinois Urbana-Champaign
- Interregional Migration and Intergenerational Mobility Bo Feng The Ohio State University, Mark Partridge — Ohio State University
- Does Intergenerational Mobility of a Region Matter for Millennials Migrants in US? Jaewon Lim —
  University of Nevada, Las Vegas (UNLV)

#### 38. Urban Economics Association: Transportation and Congestion -- Excelsior Bay

Chair: Gilles Duranton, University of Pennsylvania

- Terrorism and the Value of Proximity to Public Transportation: Evidence from the 2005 London Bombings Isabela Manelici — University of California - Berkeley
- Public transit and road congestion in the Eternal City Antonio Russo ETH Zürich, Martin Adler Free University, Amsterdam, Jos van Ommeren Vrije Universiteit Amsterdam, Federica Liberini ETH Zürich

- The Effects of Congestion and of Congestion Tolling in the Greater Los Angeles Region Alex Anas SUNY Buffalo
- Measuring congestion in a highly congested city: Bogot a Prottoy A. Akbar University of Pittsburgh, Gilles Duranton — University of Pennsylvania

#### **Discussants:**

- Antonio Russo, ETH Zürich
- Alex Anas, SUNY Buffalo
- Gilles Duranton, University of Pennsylvania
- Isabela Manelici, University of California Berkeley

#### 39. Urban Economics Association: Housing I -- Spring Park Bay

Chair: Stephen Billings, University of Colorado - Boulder

- The Effects of Hurricane Sandy on the New York City Housing Market Francesc Ortega CUNY
- Housing Supply and Price Growth in Monocentric Cities with Topography Joseph Williams Professors Capital, Jacob Cosman — Johns Hopkins University, Tom Davidoff — University of British Columbia
- Housing allowance and rents: Evidence from a stepwise subsidy scheme Teemu Lyytikäinen VATT Institute for Economic Research
- The Value of a Healthy Home: Lead Paint Remediation and Housing Values Stephen Billings University of Colorado Boulder, Kevin Schnepel University of Sydney

#### **Discussants:**

- Stephen Billings, University of Colorado Boulder
- Francesc Ortega, CUNY
- Jacob Cosman, Johns Hopkins University
- Teemu Lyytikäinen, VATT Institute for Economic Research

#### 40. Urban Economics Association: Crime -- Wayzata Bay

- Do More Eyes on the Street Reduce Crime? Evidence from Chicago's Safe Passage Program Daniel
   McMillen University of Illinois Urbana-Champaign, Ignacio Martin Sarmiento Barbieri University of
   Illinois Urbana-Champaign, Ruchi Singh University of Illinois Urbana-Champaign
- *Marijuana and Commercial Rents* Erik B Johnson University of Richmond, Stephen Billings University of Colorado Boulder, Sriram Villupuram University of Texas Arlington
- Why Do Kids Get into Trouble on School Days? Evidence from Teacher Work Days Stephen Billings —
   University of Colorado Boulder, David C Phillips University of Notre Dame

#### **Discussants:**

- Erik B Johnson, University of Richmond
- Ignacio Martin Sarmiento Barbieri, University of Illinois Urbana-Champaign
- Christopher John Palmer, University of California Berkeley

8:00 PM-9:00 PM

Special Session: Thursday Evening Reception -- Atrium

Friday, 11 November 7:30 AM-5:30 PM

Registration: Registration -- Registration

8:00 AM-10:00 AM

#### 41. Panel: Fuzzy Analysis for Intuitionistic Preferences on Complex Networks -- Deer Lake

Organizer: Fernando Plascencia, Cornell University

## 42. Formal Paper Session: Spatial developments in demographic methods -- Cedar Lake

Organizer: Katherine Nesse, Seattle Pacific University

- Measuring Social Vulnerability Seth E. Spielman University of Colorado
- Delineating labor-sheds from commuter-flow data for the U.S.: A generalized method for defining functional regions with quality of fit statistics. Christopher S. Fowler — Penn State University, Danielle Rhubart — Pennsylvania State University, Leif Jensen — Pennsylvania State University
- Estimating 1990 & 2000 Characteristics of 2010 Census Areas for NHGIS Time Series Tables Jonathan Schroeder University of Minnesota
- Assessing the impact of areal interpolation methodologies on subpopulations: Comparing the
   Neighborhood Change Database, the Longitudinal Tract Data Base, and NHGIS David Van Riper —
   University of Minnesota, Kyle Walker Texas Christian University, Steven Manson University of
   Minnesota Twin Cities

#### Discussant:

• Katherine Nesse, Seattle Pacific University

#### 43. Formal Paper Session: Transportation: Community Considerations -- Cook's Bay

- Saved By the Morning Bell: School Start Time and Teen Car Accidents Valerie K. Bostwick The Ohio State University
- Public Opinions on Toll Roads through Data Mining from Social Media: A Case Study of the I-77 HOT
   Lanes Otis Tyler Harris University of North Carolina Charlotte, Wenjia Zhang University of North
   Carolina Charlotte, Jean-Claude F. Thill Univ. of North Carolina at Charlotte
- Coordination of family members' activities with altruistic motivation Kakuya Matsushima Kyoto University, Kiyoshi Kobayashi — Kyoto University
- Green Apple Bikes, Rolling out Equitable Mobility Andrew R. Young Kansas State University, Gregory Newmark — Kansas State University

#### 44. Formal Paper Session: Economic Development: Policy and Practice II -- Crystal Lake

- An Expanded Look into the Role of Economic Diversity in Economic Growth and Stability Jennifer Thorvaldson — IMPLAN Group, LLC, James Squibb III — IMPLAN Group, LLC
- The Impact of Shale Oil and Gas Development on Local Economies Heather Stephens West Virginia University, Anil Rupasingha — USDA Economic Research Service
- Regional strategizing in Russia as a mechanism for regional social and economic development Anna Mikhaylova Institute for public finance reform, Ksenia Budaeva Institute for Public Finance Reform
- Historic Home Preservation as an Economic Development Strategy Steven William Firestone University of North Carolina at Charlotte, Jean-Claude F. Thill Univ. of North Carolina at Charlotte

## 45. Formal Paper Session: Natural Resources: Models and Applications II -- Elk Lake

- Exploration on the Planning for the Protection and Development of the East Part of the South Mountainous Area of Jinan xiong guoping southeast university
- North Dakota Agricultural Land Conversion: A Spatial Simultaneous Equation Approach Nazea KHAN CHOWDHURY — North Dakota State University, David C. Roberts — North Dakota State University
- Water Utility Pricing and Minimum Charges: What Explains the Differences in West Virginia? elham erfanian , Alan Collins West Virginia University

Observer effects in the Gulf of Maine ground fish sector Angela Muench — NOAA Northeast Fisheries
 Science Center, Chad Demarest — NOAA

## 46. Formal Paper Session: Social Interaction: Spatial Considerations -- Gray's Bay

- Fuzzy Analysis for Intuitionistic Preferences on Complex Networks Fernando Plascencia Cornell University
- Shared values and beliefs in a local survey Giorgio Fazio Newcastle University, University of
  Palermo, Enza Maltese University of Palermo, Giuseppe Notarstefano University of Palermo, Davide
  Piacentino University of Palermo
- Neighborhood Enclaves in CRC Screening Amy E. Hughes UTSW

## 47. Formal Paper Session: Trade: Methods and Models -- Lafayette Bay

- Market Potential and the Location of French firms in Africa Baraka Nafari University of
  Johannesburg, Alain Pholo Bala University of Johannesburg, Michel Tenikue Luxembourg Institute of
  Socio-economic Research
- Industry Relatedness and Trade Shock-induced New Industry Entry Jiaochen Liang California State University Fresno
- Empirical Analysis of Japanese Exports of Agricultural Products to East Asia: Using Gravity Model and Market Access Maria Ikegawa Policy Research Institute, MAFF
- A Spatial-Filtering Zero-Inflated Approach to the Estimation of the Gravity Model of Trade Rodolfo Metulini — University of Brescia, Roberto Patuelli — University of Bologna, Daniel A. Griffith — The University of Texas at Dallas

#### 48. Formal Paper Session: Housing Methods and Applications II -- Lake Harriet

- Natural amenities, energy development, and housing values Amanda L. Weinstein University of Akron, Heather Stephens — West Virginia University
- An Investigation of Nugget Effect of Housing Price in Beijing Ziye Zhang Cornell University
- An Index to Characterize Local Land Use Regulatory Environments for Residential Markets: A Regional Perspective LUIS ESTEVEZ St. Cloud State University

#### 49. Formal Paper Session: Economic Theory: Labor -- Maple Lake

- Impact of displacements costs on a spatially scattered labor market A theoretical approach El Mehdi Aboulkacem Université de Lille 1, Hubert Jayet University of Lille1
- Gender differences in the urban wage premium Andrew Perumal University of Massachusetts Boston
- Can computerization explain the increasing sorting of high-skilled workers into large cities? Jessica Hug University of Geneva
- Spatial mismatch and inequality of opportunity shaping urban labor markets of a megacity Eduardo A.
   Haddad University of Sao Paulo, Ana Maria Bonomi Barufi USP/Nereus

#### 50. Formal Paper Session: Migration and Human Capital I -- Pine Lake

• *U.S. Immigration Policy and Brain Waste* Ayoung Kim — Purdue University, Brigitte Waldorf — Purdue University, Natasha Duncan — Purdue University

- Highly Skilled Professional Labor and the Trans-Pacific Partnership: Is the Deal the Best Next Step beyond the NAFTA for Canada and the U.S.? Kathrine E. Richardson San Jose State University
- Migrants and Boomtowns: Micro Evidence from the US Shale Boom Isha Rajbhandari The Ohio State University, Alessandra Faggian The Ohio State University, Mark Partridge Ohio State University
- Industrial Composition and Intergenerational Mobility Stephan Whitaker Federal Reserve Bank of Cleveland
- FDI and Education: Municipality evidence of skill acquisition in Mexico 
  Eduardo Ibarra-Olivo London 
  School of Economics

#### 51. Special Session: Poverty: People, Places, and Policy I -- Birch Lake

- Local Wealth and Upward Mobility: Do the Correlates of Upward Mobility Vary Across Localities?
   Matthew Fannin Louisiana State University @ Baton Rouge, Vikash Dangal Louisiana State University, Bruce Weber Oregon State University
- Trajectories and Influential Factors of Childhood Exposure to Poverty Tracey Farrigan USDA Economic Research Service, Michele Ver Ploeg — Economic Research Service, Lisa Mancino — USDA Economic Research Service, Tom Hertz — USDA Economic Research Service, Chris Dicken — USDA Economic Research Service
- Childhood poverty exposure and income mobility: a Generalized Propensity Score approach Tim Smith —
  Purdue University
- Does the progressivity of education increase intergenerational mobility? Quasi-experimental evidence from school finance reforms Minghao Li — Pennsylvania State University

#### **Discussants:**

- DAVID J PETERS, Iowa State University
- Carsten Ochsen, University of Applied Labour Studies and Max Planck Institute for Demographic Research
- Michele Ver Ploeg, Economic Research Service
- Michael Delgado, Purdue University

## Business Meeting: RSAI Council Meeting (Invitation Only) -- Grand Portage Ballroom

#### 52. Urban Economics Association: Location and Neighborhoods -- Excelsior Bay

Chair: Keren Mertens Horn, University of Massachusetts - Boston

- Does Minimum Lot Size Zoning Stabilize Neighborhood Redevelopment? Weihua Zhao University of Louisville
- Is Localization Changing Over Time? Andrew J Cassey Washington State University
- Where to locate your business under the borrowing constraint? Jungho Lee Singapore Management University, Jianhuan Xu Singapore Management University
- School Accountability and Residential Location Patterns: Evaluating the Unintended Consequences of No Child Left Behind Keren Mertens Horn — University of Massachusetts - Boston

#### **Discussants:**

- Andrew J Cassey, Washington State University
- Jungho Lee, Singapore Management University
- Keren Mertens Horn, University of Massachusetts Boston
- Weihua Zhao, University of Louisville

#### 53. Urban Economics Association: Transportation II -- Spring Park Bay

Chair: Jeffrey Lin, Federal Reserve Bank of Philadelphia

- Is Uber a substitute or complement to public transit? Jonathan Hall University of Toronto, Craig Paulsson — Yale, Joseph Price — Brigham Young University
- Generalized Commuter Mobility and Economic Performance in US Cities Justin Tyndall University of British Columbia
- Public Transport Connectivity and Housing Price Premium: Evidence from Singapore Kecen Jing —
   National University of Singapore, Wen-Chi Liao National University of Singapore
- Freeway revolts! Highways, downtown amenities, and urban growth Jeffrey C. Brinkman Federal Reserve Bank of Philadelphia, Jeffrey Lin Federal Reserve Bank of Philadelphia

#### **Discussants:**

- Justin Tyndall, University of British Columbia
- Wen-Chi Liao, National University of Singapore
- Jeffrey Lin, Federal Reserve Bank of Philadelphia
- Jonathan Hall, University of Toronto

#### 54. Urban Economics Association: Cities in developing countries -- Wayzata Bay

Chair: Qinghua Zhang, Peking University

- Illuminating the World Cup Effect: Night Lights Evidence from South Africa Gregor Pfeifer University of Hohenheim, Fabian Wahl University of Hohenheim, Martyna Marczak University of Hohenheim
- The Globe as a Network: Geography and the Origins of the World Income Distribution Matthew Johnston Delventhal — Universitat Autònoma de Barcelona and Barcelona GSE
- The persistency of early Chinese development zones: FDI attraction and urbanization patterns Ying Chen
   London School of Economics
- To Build Outward or Upward: City Leaders and Urban Land Development in China Qinghua Zhang —
   Peking University

#### **Discussants:**

- Matthew Johnston Delventhal, Universitat Autònoma de Barcelona and Barcelona GSE
- Ying Chen, London School of Economics
- Qinghua Zhang, Peking University
- Gregor Pfeifer, University of Hohenheim

## 10:00 AM-10:30 AM

## : Coffee Break -- Grand Portage Ballroom

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

## 55. Special Session: Poverty: People, Places, and Policy II --Birch Lake

Organizer: Brigitte Waldorf, Purdue University

- A Reinvestigation of Differences in the Determinants of Poverty and Persistent Poverty Stephan J Goetz Penn State University
- New Evidence on Intergenerational Income Mobility in the United States Huan Li Purdue
   University, Tim Smith Purdue University, Michael Delgado Purdue University, Raymond J.G.M. Florax
   — Purdue University, Brigitte Waldorf Purdue University, Indraneel Kumar Purdue University

 Local government and income inequality across US counties Victor H. Iturra — Universidad Catolica del Norte, Mark Partridge — Ohio State University, Linda Lobao — Ohio State University, Gregory Hooks — McMaster University

#### **Discussants:**

- Tim Smith, Purdue University
- Thomas A. Knapp, Pennsylvania State University
- Raymond J.G.M. Florax, Purdue University
- Nancy White, Bucknell University

## 10:30 AM-12:30 PM

#### 56. Formal Paper Session: Location and Spatial Analysis -- Cedar Lake

Organizers: Ran Wei, University of Utah; Alan T. Murray, University of California - Santa Barbara

- An examination of the jobs-housing balance of different categories of workers across 26 metropolitan regions in 2003 and 2013. Daniel Schleith — University of Cincinnati, Michael J. Widener — University of Toronto, Changjoo Kim — University of Cincinnati
- An alternative classification scheme for uncertain attribute mapping Ran Wei University of Utah, Tony
   H. Grubesic Arizona State University
- Maximal covering location problem with time period for dynamic patrol routing using de facto population estimated from mobile phone data Gunhak Lee — Seoul National University, Kamyoung Kim —
- Optimizing green space locations to reduce daytime and nighttime urban heat island effects in Phoenix, Arizona Yujia Zhang — Arizona State University, Alan T. Murray — University of California - Santa Barbara, Billie L. Turner II — Arizona State University
- The Evolving Location Analytics Toolbox Alan T. Murray University of California Santa Barbara
- The Effects of Centroid Connector Density on Discrete Spatial Network Optimization Models James Gaboardi Florida State University, Mark W. Horner Florida State University, David C. Folch Florida State University
- Heterogeneous space facility siting in order to maximize coverage Xin Feng University of California,
   Santa Barbara, Alan T. Murray University of California Santa Barbara
- A new p-median model that is sensitive to economies of scale Rick Church University Of California At Santa Barbara, Vladimir Marianov Pontificia Universidad Catolica de Chile
- On Solving Large p-Median Problems Wangshu Mu University of Arizona, Daoqin Tong University of Arizona
- Spatial Optimization for Equitable Polling Locations: A Case Study of Leon County, Florida Levon Mikaelian — Florida State University, Mark W. Horner — Florida State University
- Merging fine and coarse resolution remotely sensed data with household-level survey data to evaluate small-scale vulnerability to climate change in West Africa Kathryn Grace — , Greg Husak — University of California - Santa Barbara

## 57. Formal Paper Session: Economic Growth and Success -- Crystal Lake

- Globalization: Help or Hurt? An Application of Multi-Trade CGE Model on ASEAN Jingwen Li Cornell University
- Linguistic Distance and Economic Development: Costs of Accessing Domestic and International Centers Mariko Nakagawa — University of Tokyo
- Besides Fundamental and Proximate Causes, Intermediate Causes have a Role in the Economic Development Process (Part II) Hernan Ocampo Solarte — Universidad Autonoma de Occidente
- Chilean Public Procurement System Influences on Territorial Development Patricio Aroca Adolfo Ibáñez University, Sergio Andres Contreras University of Illinois

58. Formal Paper Session: Regional/Rural Development I: Firm Dynamics and Agglomeration -- Deer Lake
Organizers: Sarah A Low, USDA; Stephan Weiler, Colorado State University

- Determinants of Firm Relocation along the Rural-Urban Continuum: Evidence from the National
   Establishment Time-Series Database Anil Rupasingha USDA Economic Research Service, Alexander
   Marre USDA Economic Research Service
- USDA's Business and Industry (B&I) Loan Program and Business Dynamics John Pender USDA
   Economic Research Service, Anil Rupasingha USDA Economic Research Service, Daniel Crown The
   Ohio State University
- How do agglomeration economies vary over time? Evidence from New Firm Location Decisions over the Last Two Decades Younjun Kim — University of Nebraska-Lincoln, Georgeanne Artz — Iowa State University
- Rural Migration Patterns and Entrepreneurship Steven Deller University of Wisconsin-Madison, Tessa
   Conroy University of Wisconsin Madison, Matthew Kures University of Wisconsin Madison

#### **Discussants:**

- Younjun Kim, University of Nebraska-Lincoln
- Steven Deller, University of Wisconsin-Madison
- Anil Rupasingha, USDA Economic Research Service
- John Pender, USDA Economic Research Service

## 59. Formal Paper Session: Environmental Issues in Development -- Elk Lake

- Cities and biodiversity: spatial efficiency of land use Jun Yoshida Tohoku University, Tatsuhito Kono —
  Tohoku University
- The evaluation of INDCs and challenges raised by INDCs Zheng Wang —
- Towards A Post-Carbon City: Istanbul 2050 Roadmap Tuzin Baycan Istanbul Technical University, Aysun Aygun Istanbul Technical University
- Assessing the external net benefits of wind energy: the case of lowa's wind farms Timothy J. Rakitan lowa State University

## 60. Formal Paper Session: Innovation and Development -- Gray's Bay

- On Research and Development in a Model of Schumpeterian Economic Growth in a Creative Region Amit Batabyal — Rochester Institute Of Technology, Seung Jick Yoo — Sookmyung Women's University
- Cluster and Innovation: Selection or Learning? Li Fang University of Maryland, College Park
- Development barriers in European border regions Roberta Capello Politecnico di Milano, Andrea Caragliu Politecnico di Milano, Ugo Fratesi —
- A Research about the Effect of Informal Institutional Factors on Entrepreneurship Yuan Tian institute of Policy and Management ,Chinese Academy of Sciences, Zheng Wang — Chinese Academy of Sciences
- Quality of government and social capital as drivers of regional diversification in Europe Frank van Van
   Oort Utrecht University, Nicola Cortinovis Utrecht University, Ron Boschma University of Utrecht

## 61. Formal Paper Session: Trade: Industry and Competition -- Lafayette Bay

- The impact of import competition from the USA and China on the manufacturing sector in Chile;
   Opportunities and threats Alexandra Sotiriou London School of Economics
- Tax competition, imperfect labor market and endogenous entry of firms Tadashi Morita Kindai University, Yukiko Sawada Osaka University, Kazuhiro Yamamoto Osaka University
- Painful Birth of Trade under Classical Monopolistic Competition Igor Bykadorov IM SB RAS, NSU,
   NSUEM, Andrea Ellero Ca Foscari University of Venice, Stefania Funari Ca Foscari University of
   Venice, Sergey Kokovin Higher School of Economics, Pavel Molchanov Higher School of Economics
- Incorporation of services in natural resource-intensive goods: description and measurement of the phenomenon Enrique Gilles Universidad EAN, Marcel Vaillant Universidad de la República

#### 62. Formal Paper Session: Housing and Population -- Lake Harriet

- Homeownership in the era of population decline: Costly ownership abandonment and long-life quality houses Masatomo Suzuki — The University of Tokyo, Yasushi Asami — University of Tokyo
- Factors Influencing the Geography of Residential Location of the Middle Class: A Case of Seoul Jungyul Sohn Seoul National University, Soo Kyoung Oh Seoul Digital University
- Life-Cycle Housing Demand and Labor Force Age Composition Chun Kuang George Washington University
- Decomposing Housing Affordability Problems in Rural America Peter J. Han USDA, John Cromartie —

#### 63. Formal Paper Session: Labor: Spatial and Economic Applications -- Maple Lake

- How Do Labor Reforms Impact Employment Outcomes? Hartz Reforms and the Constituents of Employment in Germany Abdul Munasib — BEA, Malte Ehrich — Georg-August-University Goettingen, Devesh Roy — International Food Policy Research Institute
- Regional labour market consequences of automatization in Europe sierdjan koster University of Groningen, Arjen Edzes — University of Groningen
- Heterogeneous impacts of ageing on the German labour market Duncan Roth Institute for Employment Research, Thomas de Graaff — Free University, Amsterdam, Ceren Ozgen — Free University, Amsterdam

## 64. Formal Paper Session: Migration and Human Capital II -- Pine Lake

- Let Tiebout Pick up the Tab: Pricing out Externalities with Free Mobility Hiroki Watanabe Lamar University
- The spatial mobility of medical specialists in The Netherlands Viktor Andreas Venhorst University of Groningen, Michiel Daams University of Groningen
- How much does the likelihood to become an entrepreneur depend on the migration status? Udo Brixy —
   Institute for Employment Research, Wolfgang Dauth IAB Institute for Employment Research
- Human Capital Mobility: Do High Ability Workers Move Between Metropolitan Areas With Sufficient
  Frequency to Support Attraction as a Means of Occupation Based Economic Development? Cory R. Yemen

   Rutgers University
- Space-Time Analysis of Economic Development and Inequality: Links between Migration and Foreign Direct Investment in China Hao Huang Illinois Institute of Technology

#### Business Meeting: Regional Science Academy Meeting (Invitation Only) -- Cook's Bay

## 65. Urban Economics Association: Spatial Labor Markets I -- Excelsior Bay

Chair: Hans R.A. Koster, Vrije Universiteit Amsterdam

- Spatial wage disparities -- Workers, firms, and assortative matching Jens Suedekum Düsseldorf Institute for Competition Economics (DICE), Wolfgang Dauth — University of Würzburg, Sebastian Findeisen — University of Mannheim
- The Long Run Effect of Universities on Local Labor Markets Alexander Whalley University of Calgary, Enrico Moretti — University of California - Berkeley
- Search, labor supply, and unemployment of married women in cities Paola L. Montero Ledezma —
   University of Chile, Wei Xiao Southwestern University of Finance and Economics, Yves Zenou —
   Monash University

Income Sorting, Amenities and the Social Structure of Cities Carl Gaigné — INRA - Rennes, Hans R.A.
 Koster — Vrije Universiteit Amsterdam, Fabien Moizeau — Université de Rennes 1, Stephane Riou — Université Jean Monnet, Jacques-Francois Thisse — Université catholique de Louvain

#### **Discussants:**

- Alexander Whalley, University of Calgary
- Hans R.A. Koster, Vrije Universiteit Amsterdam
- Jens Suedekum, Düsseldorf Institute for Competition Economics (DICE)
- Paola L. Montero Ledezma, University of Chile

#### 66. Urban Economics Association: Agglomeration, Growth, Labor and Crime -- Lake Calhoun

Chair: Matthew Freedman, University of California - Irvine

- Shopping externalities and retail concentration: Evidence from the Netherlands. Ilias Pasidis University
  of Barcelona (UB) and Barcelona Institute of Economics (IEB), Hans R.A. Koster Vrije Universiteit
  Amsterdam, Jos van Ommeren Vrije Universiteit Amsterdam
- Does federal contracting spur development? Michiel Gerritse University of Groningen, Andrés Rodríguez-Pose — London School of Economics
- Does The Public Sector Provide Police Service Inefficiently? Evidence from French Quarter Task
   Force Cheng Cheng University of Mississippi, Wei Long Tulane University
- Persistence in Industrial Policy Impacts: Evidence from Depression-Era Mississippi Matthew Freedman University of California Irvine

#### **Discussants:**

- Michiel Gerritse, University of Groningen
- Wei Long, Tulane University
- Matthew Freedman, University of California Irvine
- Ilias Pasidis, University of Barcelona

#### 67. Urban Economics Association: Neighborhood Effects -- Spring Park Bay

Chair: Edward Coulson, University of Nevada - Las Vegas

- East Side Story: Historical Pollution and Persistent Neighborhood Sorting Stephan Heblich University of Bristol, Alex Trew — University of St. Andrews, Yanos Zylberberg — University of Bristol
- Structural Demand Estimation with Borrowing Constraints Amine Ouazad INSEAD, Romain G. Rancière
   Paris School of Economics
- The Effects of Charter Schools on Neighborhood and School Segregation Evidence from New York
   City Sarah A. Cordes Temple University, Agustina Laurito New York University
- *Tenure Tipping* Edward Coulson University of Nevada Las Vegas, Greg Wommer Pennsylvania State University

#### **Discussants:**

- Sarah A. Cordes, Temple University
- Edward Coulson, University of Nevada Las Vegas
- Stephan Heblich, University of Bristol

## 68. Urban Economics Association: Networks and Social Interactions -- Wayzata Bay

Chair: Maximilian von Ehrlich, University of Bern

Does network make firms global? Evidence from firm-to-firm transaction Ryo Itoh — Tohoku University, Kentaro Nakajima — Tohoku University

- The Effect of Neighborhood Design on Social Interaction as Measured by Carpooling Dhari S. Aljutaili University of California - Irvine
- Implications of local ties in spatial equilibrium Mike Zabek University of Michigan
- Agglomerations and the Spatial Structure of Social Networks: Evidence from Mobile Phone
   Data Maximilian von Ehrlich University of Bern, Konstantin Buechel —

#### **Discussants:**

- Maximilian von Ehrlich, University of Bern
- Ryo Itoh, Tohoku University
- Dhari S Aljutaili, UC Irvine
- Mike Zabek, University of Michigan

## 12:30 PM-2:30 PM

Business Meeting: RSAI Fellows Luncheon (Invitation Only) -- Northern Shores Grille (Hotel Restaurant)

## 1:30 PM-3:30 PM

## 69. Formal Paper Session: Spatial Econometrics -- Cedar Lake

Organizer: Giuseppe Arbia, Università Cattolica del Sacro Cuore, Rome (Italy)

- Testing the Significance of Impact Measures in Spatial Panel Data Models Giuseppe Arbia —
   Università Cattolica del Sacro Cuore, Rome (Italy), Anil Bera University of Illinois Urbana-Champaign
- Highway infrastructure and state-level employment growth: A spatio-temporal analysis Jerome Segura University of Wisconsin Stevens Point
- A spatial diffusion model with common factors and an application to cigarette consumption Paul Elhorst
   University of Groningen, Carlo Ciccarelli University of Tor Vergata

#### 70. Formal Paper Session: Local Public Finance and Economic Development II -- Crystal Lake

- Program Budgeting Implementation in Russia's Regions Anna Mikhaylova Institute for public finance reform, Vladimir Klimanov Institute for Public Finance Reform
- Tax policies and informality in regional economies Laudo Ogura Grand Valley State University
- The effects of intergovernmental transfers on inter and intra regional inequalities in Brazil Renata M.
   Caldas Universidade Federal de Pernambuco, Brazil, Yony Sampaio Universidade Federal de Pernambuco, Brazil
- Regional Income Disparities in Decentralizing Indonesia, 2001-2007 Andi Irawan University of Illinois at Urbana-Champaign

#### 71. Formal Paper Session: Regional/Rural Development II: Regional Growth -- Deer Lake

Organizers: Sarah A Low, USDA; Stephan Weiler, Colorado State University

- Determinants of Regional Growth in China for 1999-2013: An Integrative Analysis Dan Rickman —
   Oklahoma State University, Hongbo Wang Oklahoma State University
- Urban First: USDA Research Impacts on Regional Total Factor Productivity Jason Parker Michigan State University, John T. Mann Michigan State University, Scott Loveridge Michigan State University
- Was Access to Capital a Barrier to Entry, Survival, and Growth in the Hinterland? Evidence from the Rural
  United States Sarah A. Low USDA, Anil Rupasingha USDA Economic Research Service, Daniel Crown
   The Ohio State University

#### **Discussants:**

- Jason Parker, Michigan State University
- Sarah A Low, USDA
- Dan Rickman, Oklahoma State University

#### 72. Formal Paper Session: Entrepreneurship I -- Elk Lake

Organizers: Elizabeth A Mack, Michigan State University; Alexandra A Tsvetkova, Ohio State University

- New Firm Entry as a Response to Business Closure and Contraction Henry C. Renski University of Massachusetts Amherst, Ian Walsh — University of Massachusetts - Amherst, Bruce Skaggs — University of Massachusetts - Amherst
- Self-employment effects on regional growth: a bigger bang for a buck? Alexandra A. Tsvetkova Ohio State University, Mark Partridge Ohio State University, Michael Betz Ohio State University
- New Venture Activity and Broadband Provision Elizabeth A. Mack Michigan State University, Ana Moreno — Rovira i Virgili University
- Crowdfunding from the heart? Unraveling the drivers and outcomes of globally crowdfunded entrepreneurship John P. Berns — University of Mississippi, Maria Figueroa-Armijos — George Mason University, Serge P. da Motta Veiga — American University, Timothy C. Dunne — Boise State University

#### 73. Formal Paper Session: Innovation and Spillover II -- Gray's Bay

- Do Cross-boundary Spillovers Facilitate Product Evolution in China? Canfei He Peking University
- The role of interregional and inter-sectoral knowledge spillovers on regional knowledge creation across US metropolitan counties Sandy Dall Erba University of Illinois, Dongwoo Kang Korea Labor Institute, Kun Peng University of Illinois Urbana-Champaign
- Industrial concentration, market size and R&D expenditure Yu Qiao University of Maryland-College Park
- Knowledge spillovers and wage inequality. The side effect of the concentration of highly educated workers in U.S. cities Rodrigo A. Perez The Ohio State University

## 74. Formal Paper Session: Economics of Agriculture I -- Lake Calhoun

- The Local Impacts of Agricultural Subsidies: Evidence from the Canadian Prairies Shon Ferguson —
  Research Institute of Industrial Economics (IFN), Ray Bollman Brandon University
- Economic Activity and Biofuel-Energy Policy Impact on Land Use Conversion of North Dakota REZWANUL PARVEZ — North Dakota State University, David C. Roberts — North Dakota State University, David Ripplinger — North Dakota State University
- Do crop insurance programs preclude their recipients from adapting to new climate conditions? Zhangliang Chen — University of Illinois - Urbana-Champaign, Sandy Dall Erba — University of Illinois
- Understanding the role of agriculture in Ohio Economy Janaranjana Herath University of Mount Olive, Saima Bashir — Central State University

#### 75. Formal Paper Session: Housing Policy and Practice II -- Lake Harriet

- The Location Choices of Immigrants in Sweden Mikaela Backman Jonkoping International Business School, Janet E. Kohlhase University of Houston
- Transport costs, local amenities, and residential housing markets Andrew Coleman University of Otago, Dave Maré — Motu Economic & Public Policy Research
- An analysis of segmentation and spatial sorting in the private housing markets in Flanders (Belgium) Coro
   Chasco Madrid Autonomus University, Ludo Peeters Hasselt University, Julie Le Gallo Agrosup
   Dijon
- Rent Control and Evictions: Evidence from San Francisco Brian J. Asquith University of California, Irvine

## 76. Formal Paper Session: Issues in Air Quality -- Maple Lake

- Running with a Mask? The Effect of Air Pollution on Marathon Runners' Performance Shihe Fu —
   Southwestern University of Finance and Economics, Mengmeng Guo Southwestern University of Finance and Economics
- Air pollution and perception-based averting behaviour in the Jinchuan mining Area, China A structural equation modeling (SEM) approach Henk Folmer — University of Groningen
- Assessing the Economic Impacts of China's Clean Air Policies in Beijing-Tianjin-Hebei Area Na Li
- The Effects of Air Pollution on Children's Height Margarita Portnykh Carnegie Mellon University
- The Economics and Management of China's Volatile Organic Compound Pollution: A Computable General
  Equilibrium Approach Changxin Liu , Zheng Wang Chinese Academy of Sciences, Yufei Wang —
  Tsinghua University

#### 77. Formal Paper Session: Issues in Education -- Pine Lake

- Schooling Infrastructure and Literacy-Evidence from a National Education Mission in India chitra jogani —
- Information Policies and Higher Education Choices: Experimental Evidence from Colombia Leonardo
  Bonilla UIUC, Nicolas Bottan University of Illinois Urbana-Champaign, Andres Ham University of
  Illinois Urbana-Champaign
- Urban landscapes and educational outcomes: The connection between school-level reading performance and nature in built environments. Cody Hodson — The University of Iowa, Heather A. Sander — University of Iowa
- The Nexus between Higher Education and Economic Growth: A Comparison of Massachusetts and Ohio. Saima Bashir Central State University, Janaranjana Herath University of Mount Olive

## 78. Special Session: Poverty: People, Places, and Policy III --Birch Lake

**Organizer:** Brigitte Waldorf, Purdue University

- Measuring the Spatial and Demographic Burden of Decline in Shrinking U.S. Cities Rachel S. Franklin —
  Brown University
- Regional and Demographic Differences in Unemployment Dynamics in Germany Carsten Ochsen —
   University of Applied Labour Studies and Max Planck Institute for Demographic Research
- Impact of Poverty on Community Quality of Life and Social Capital: Longitudinal Analysis of 99 Small Towns in Iowa, 1994-2014 DAVID J. PETERS — Iowa State University
- The Spatial Predicament of Disability Status and Employment Opportunity. Nicholas Garcia The Ohio State University

## **Discussants:**

- Victor H Iturra, Universidad Catolica del Norte
- Steven Deller, University of Wisconsin-Madison
- Cecilie Dohlmann Weatherall, Kraksfond the Institute for Urban Economic Research
- J. Matthew Fannin, Louisiana State University @ Baton Rouge

## Special Session: Signatures of Regional Science I -- Cook's Bay

#### 79. Urban Economics Association: Urban Policies -- Excelsior Bay

Chair: Amy Ellen Schwartz, Syracuse University

Long-term Earnings Effects of Living in Subsidized Housing While Young: Evidence from a Natural
Experiment Using Public Housing Demolitions Fredrik Andersson — Office of the Comptroller of the
Currency, John Haltiwanger — University of Maryland, Mark Kutzbach — U.S. Census Bureau, Giordano
Palloni — International Food Policy Research Institute, Henry Pollakowski — Harvard University, Daniel
Weinberg — Virginia Tech

- The Short- and Long-Run Effects of the 1930s HOLC "Redlining" Maps Daniel Hartley Federal Reserve Bank of Chicago
- Zoning in the short and long run: Evidence from Seattle Tate Twinam University of Washington
- Do Housing Vouchers Improve Academic Performance? Evidence from New York City Amy Ellen Schwartz
   Syracuse University, Keren Mertens Horn University of Massachusetts Boston, Ingrid Gould Ellen New York University, Sarah A. Cordes Temple University

#### **Discussants:**

- Amy Ellen Schwartz, Syracuse University
- Tate Twinam, University of Washington
- Mark Kutzbach, U.S. Census Bureau
- Daniel Hartley, Federal Reserve Bank of Chicago

## 80. Urban Economics Association: Environmental Issues -- Spring Park Bay

Chair: James Siodla, Colby College

- Pollution and city size: can cities be too small? Rainald Borck University of Potsdam, Takatoshi Tabuchi
   University of Tokyo
- Environmental Amenities and the Evolution of Industrial Cities Yatang Lin London School of Economics
- Economic and Ecological Impacts of Compact City Policies: A Laboratory Experiment Laurent Denant-Boemont — University of Rennes, Carl Gaigné — INRA - Rennes
- The 1906 San Francisco Disaster and Industry Localization in the City James Siodla Colby College

#### **Discussants:**

- Laurent Denant-Boemont, University of Rennes
- James Siodla, Colby College
- Rainald Borck, University of Potsdam
- Yatang Lin, London School of Economics

## 81. Urban Economics Association: Spatial Economic Theory II -- Wayzata Bay

Chair: Yannis M. Ioannides, Tufts University

- Heterogeneous Workers and Federal Income Taxes in a Spatial Equilibrium Kevin Patrick Hutchinson —
   eBay Inc, Mark Colas University of Wisconsin Madison
- Internal Structure of Consumer Cities: Core and Subcenters Yoon Sang Moon University at Buffalo
- The Urban Transport System Choice in a Duocentric City Model Santiago M Pinto Federal Reserve Bank of Richmond
- International Trade, Intercity Trade, and Housing Prices in US Cities Jeffrey P. Cohen University of Connecticut, Yannis M. Ioannides — Tufts University

#### **Discussants:**

- Yoon Sang Moon, University at Buffalo
- Santiago M Pinto, Federal Reserve Bank of Richmond
- Yannis M. Ioannides, Tufts University
- Kevin Patrick Hutchinson, eBay Inc

3:30 PM-4:00 PM

## : Coffee Break -- Grand Portage Ballroom

4:00 PM-6:00 PM

#### 82. Formal Paper Session: Spatial Econometrics II -- Cedar Lake

- Spatial Approach to Principal Component Analysis Paolo Postiglione University of Chieti-Pescara, Alfredo Cartone — University of Chieti-Pescara
- A Crisis of Missed Opportunities? Foreclosure Costs and Mortgage Modification during the Great
   Recession Stuart A. Gabriel UCLA, Matteo Iacoviello , Chandler Lutz Copenhagen Business School

## 83. Formal Paper Session: Local Public Finance and Community Development -- Crystal Lake

- Electoral and party cycles and space interaction in health and sanitation municipal expenditure in brazil (1998-2012). Suzana Quinet Bastos Federal University of Juiz de Fora, Eduardo Almeida UFJF (Federal University of Juiz de Fora), Bruno Moraes Gomes UFJF (Federal University of Juiz de Fora)
- U.S. State Government Finances: The Tax Revenue Frontier Jerome Segura University of Wisconsin Stevens Point
- Community Associations and Local Government Budget Shaoming Cheng , Hai Guo Florida International University
- Local Government Consolidation in Pennsylvania and Local Government Expenditures Georg Grassmueck
   Lycoming College

#### 84. Formal Paper Session: Regional/Rural Development III: Entrepreneurship -- Deer Lake

Organizers: Stephan Weiler, Colorado State University; Sarah A Low, USDA

- Do As I Do: An Application of Discrete Choice With Social Interactions to Entrepreneurship
   — University of Wisconsin Madison, Stephan Weiler Colorado State University
- Place Based Factors and the Success of Farm Level Agritourism: A Gravity Model of Agritourism in the
   U.S. Anders Van Sandt Colorado State University, Sarah A. Low USDA, Dawn Thilmany Colorado
   State University

#### **Discussants:**

- Sarah A Low, USDA
- Tessa Conroy, University of Wisconsin Madison
- Craig Carpenter, Texas A&M University

#### 85. Formal Paper Session: Entrepreneurship II -- Elk Lake

Organizers: Elizabeth A Mack, Michigan State University; Alexandra A Tsvetkova, Ohio State University

- New Business Activity and Inner City Economic Development Elizabeth A. Mack Michigan State University, Kevin Credit — Michigan State University
- Does the tide lift all boats? Entrepreneurial response to economic conditions across the rural-urban hierarchy Alexandra A. Tsvetkova — Ohio State University, Mark Partridge — Ohio State University, Michael Betz — Ohio State University
- Sectoral Variations of Startup Activity: Does the Geographical Concentration Matter? Haifeng Qian University of Iowa

## 86. Formal Paper Session: Spatial Statistics: Methods and Applications -- Gray's Bay

- Space-time polygon cluster detection using modified Mahalanobis Distance: A case study of child vaccination exemption rates Monghyeon Lee — The University of Texas Dallas
- Mesoscale Structures in the World City Networks on Cyberspace: A Stochastic Block Modeling
   Analysis Wenjia Zhang University of North Carolina Charlotte, Jean-Claude F. Thill Univ. of North Carolina at Charlotte

- Determinants of a higher regional probability of violence after signing a peace agreement in Colombia William Orlando Prieto — Catholic University, Hernan Enriquez — Sergio Arboleda University, Johanna Manrique — Catholic University of Colombia, Jhonn Bonilla — Pnud
- Regional Income Inequality Dynamics: Stochastic Dominance Revisited Sergio Rey Arizona State
  University, Wei Kang Arizona State University, Levi John Wolf Arizona State University
- Spatial Modeling of Poverty and Policy Implications in South Asia: Evidence from Bangladesh Md.
   Mizanur Rahman Sarker Hitotsubashi University, Hidetoshi Yamashita Hitotsubashi University

#### 87. Formal Paper Session: Economics of Agriculture II -- Lake Calhoun

- The Ricardian model of climate change impact meets the Ricardian model of interregional trade: theory and evidence Sandy Dall Erba University of Illinois, Fang Fang University of Arizona, Zhangliang Chen University of Illinois Urbana-Champaign
- A Monocentric City with Part-time Farmers Asao Ando Tohoku University, Fumio Takuma Meikai University
- Does the '6th order industrialization' of agriculture work for increasing farm household income in Korea? JaeHee Hwang Seoul National University, SeongWoo Lee Seoul National University
- Agriculture linkages in the European Union and its spatial pattern Vinicius A. Vale Federal University of Juiz de Fora, Fernando Salgueiro Perobelli — Federal University of Juiz de Fora, Alexandre Gomes — Federal University of São Carlos

## 88. Formal Paper Session: Impacts on Housing Prices II -- Lake Harriet

- Charter Schools: Property Value Capitalization Carlianne Patrick Georgia State University, Elena Andreyeva — Georgia State University
- Neighborhoods, School Quality, and Housing Prices Douglas P. Woodward University Of South Carolina, Joseph Von Nessen — University of South Carolina, Paulo Guimaraes — European Central Bank
- Contact High: The External Effects of Retail Marijuana Establishments on House Prices James Conklin —
   University of Georgia, Moussa Diop University of Wisconsin Madison, Herman Li University of
   Nevada Las Vegas
- House Prices and School Choice: Evidence from Chicago's Magnet Schools Proximity Lottery Esteban
   Lopez University of Illinois Urbana-Champaign, Leonardo Bonilla UIUC, Daniel McMillen —
   University of Illinois Urbana-Champaign

#### 89. Formal Paper Session: Environment and Industry -- Maple Lake

- Study on the Evaluation of China's Environmental Regulation Effect: A Spatial Perspective Based on Industrial Green Development Peng Wang Jinan University, Jihong You Jinan University
- Heat Stress: the impact of ambient temperature on occupational injuries in the US Lucy E. Page —
   Williams College, Stephen Sheppard Williams College
- Policies for reduction of greenhouse gases emission and their costs and opportunities for the Brazilian industry Aline Souza Magalhaes Federal University of Minas Gerais, Terciane Sabadini Carvalho Federal University of Parana, Edson Paulo Domingues Federal University of Minas Gerais
- Health Damage from Excess PM2.5 Pollution in China: A Province Level Analysis Kyung-Min Nam The University of Hong Kong, Xu Zhang — Tsinghua University

## 90. Formal Paper Session: Topics in Tourism -- Pine Lake

- Market failure, tourism policy and the region Oliver M. Fritz Austrian Institute of Economic Research (WIFO)
- Do tourists tip more than local consumers? Evidence of taxi rides in New York City Amir Borges Ferreira
  Neto West Virginia University, Adam Nowak West Virginia University, Amanda Ross University of
  Alabama
- Evaluating the Economic Impacts of Tourism in Cross-Border Municipalities in Japan: An Inter-regional
  Input-Output Approach Katsuhiro Sakurai Rissho University, Hiroyuki SHIBUSAWA Toyohashi
  University of Technology, Makoto Yamaguchi Toyohashi University of Technology
- Cultural Heritage Buzz in Global Cities Karima Kourtit KTH Royal Institute of Technology,
   Stockholm, Peter Nijkamp VU University, Amsterdam, Joao Romao University of Algarve

#### 91. Special Session: Poverty: People, Places, and Policy IV --Birch Lake

**Organizer:** Brigitte Waldorf, Purdue University

- Does changing neighborhoods affect mental health? Evidence from a randomized social housing allocation system Cecilie Dohlmann Weatherall — Kraksfond the Institute for Urban Economic Research, Bence Boje kovacs — Kraksfond, Jane Greve — Kora
- Poverty, Income Distribution and Small Business Activity: How do Women Entrepreneurs Factor into the Discussion? Tessa Conroy — University of Wisconsin - Madison, Steven Deller — University of Wisconsin-Madison, Philip Watson — University of Idaho
- A spatially harmonized small-area based socioeconomic database for the United States, 1970 to
   2010 Indraneel Kumar Purdue University, Yong J. Kim , Andrey Zhalnin Purdue University, Huan
   Li Purdue University, Michael Wilcox Purdue University, Lionel Beaulieu —
- County Poverty in the US: Persistence, Migration, and Space Tim Smith Purdue University, Brigitte Waldorf Purdue University, Raymond J.G.M. Florax Purdue University

#### **Discussants:**

- Minghao Li, Pennsylvania State University
- Stephan J Goetz, Penn State University
- Rachel S. Franklin, Brown University
- Bruce Weber, Oregon State University

Special Session: Signatures of Regional Science II -- Cook's Bay

#### 92. Urban Economics Association: Empirics of Agglomeration -- Excelsior Bay

Chair: J. Vernon Henderson, London School of Economics

- Are clusters resilient? Evidence from Canadian textile industries Julien Martin Université du Québec à Montréal, Kristian Behrens — Université du Québec à Montréal, Brahim Boualam — Université du Québec à Montréal
- The Birth of Cities: Evidence from the Oklahoma Land Rush of 1889 John Brown Clark University, David Cuberes Clark University
- Vertical Density and Agglomeration Economies William Strange University of Toronto, Crocker Liu —
   Cornell University, Stuart Rosenthal Syracuse University
- Building the city: sunk capital, sequencing, and institutional frictions J. Vernon Henderson London School of Economics, Tony Venables — Oxford University, Tanner Regan — London School of Economics

## Discussants:

- David Cuberes, Clark University
- William Strange, University of Toronto
- J. Vernon Henderson, London School of Economics
- Kristian Behrens, Université du Québec à Montréal

#### 93. Urban Economics Association: Education, Labor and Segregation -- Spring Park Bay

Chair: Arthur O'Sullivan, Lewis & Clark College

- How Do Thin Marriage Markets Affect Labor Market Outcomes for Single Ph.D. Workers? Xirui Zhang —
   Syracuse University
- School Segregation and the Foreclosure Crisis Keith Ihlanfeldt Florida State University, Tom Mayock —
  Office of the Comptroller of the Currency
- How Segregated is Urban Consumption? Donald R. Davis Columbia University, Jonathan Dingel —
  University of Chicago, Joan Monras Sciences Po, Eduardo Morales Princeton University
- The Distribution of Jobs Within Cities: Integration, Density, and Accessibility Arthur O'Sullivan Lewis & Clark College

#### **Discussants:**

- Tom Mayock, Office of the Comptroller of the Currency
- Jonathan Dingel, University of Chicago
- Arthur O'Sullivan, Lewis & Clark College
- Xirui Zhang, Syracuse University

#### 94. Urban Economics Association: Spatial Economic Theory III -- Wayzata Bay

Chair: Yasuhiro Sato, University of Tokyo

- City location and economic development David Krisztian Nagy Princeton University
- Geography in Reduced Form Oren Ziv Michigan State University
- Industrial Structure in Urban Accounting Jun Oshiro Okinawa University, Yasuhiro Sato University of Tokyo
- Demographics and tax competition in political economy Tadashi Morita Kindai University, Yasuhiro Sato University of Tokyo, Kazuhiro Yamamoto Osaka University

## **Discussants:**

- Yasuhiro Sato, University of Tokyo
- Jun Oshiro, Okinawa University
- Oren Ziv, Michigan State University
- David Krisztian Nagy, Princeton University

5:00 PM-6:00 PM

Special Session: JRS Special Session -- Minnesota Room

6:30 PM-8:00 PM

Special Session: Isserman Lecture and Reception -- Atrium

Saturday, 12 November 7:30 AM-10:00 AM

Registration: Registration -- Registration

8:00 AM-10:00 AM

#### : Poster Session -- Grand Portage Ballroom

- The Net Benefit of Tearing Down Dilapidated Housing: The Case of Detroit Dusan Paredes Catholic University of the North, Mark Skidmore Michigan State University
- Location-Based Industrial Cluster Quantitative Identification Research Jie Guo —
- A multi-municipality computable general equilibrium analysis for transport project appraisal in Tokyo Metropolitan Area Tomoki Ishikura — Tokyo Metropolitan University
- Does High Speed Railway Affect the Price of Land? based on a dataset of micro urban land transaction Yulong Zhou — Renmin University of China, Jidong Yang — Renmin University of China
- The size rule case of the cities in Central American Common Market (CACM-RD) Jorge Alberto Orellana Aragon Universidade Federal do Rio Grande (FURG)
- Wage Premium: Evidences for the Migrant Workers from Agreste of Pernambuco in Brazil Adelson Santos Silva — UFRPE, Roberta Moraes Rocha — Federal University of Pernambuco
- Who Suffered More During the Economic Recession: Local Residents or Migrants? Evidence from China Xiaochen Zhang — Ohio State University
- Childhood obesity and food consumption changes Juan Tomas Sayago-Gomez West Virginia
  University, Randall W. Jackson Regional Research Institute WVU, Lesley Cottrell West Virginia
  University
- Labor Pooling: evidence for the Brazilian Northeast in the period 2005-2010 Edilberto Almeida Federal University of Pernambuco, Roberta Moraes Rocha Federal University of Pernambuco

## 95. Panel: Open Regional Science: Prospects and Challenges of Data Sharing -- Deer Lake

Organizer: Laurie Schintler, George Mason University

#### **Discussants:**

- Laurie Schintler, George Mason University
- Karst Geurs, University of Twente
- Sergio Rey, Arizona State University
- Roger Stough, George Mason University
- Karima Kourtit, KTH Royal Institute of Technology, Stockholm
- Emmanouil Tranos, University of Birmingham
- Elizabeth A Mack, Michigan State University

# 96. Formal Paper Session: Social Networks and Choice Well-Being in Risky Environments: The Drug War in Mexico --Birch Lake

Organizer: Fernando Plascencia, Cornell University

## 97. Formal Paper Session: Urban Economic Theory and Policy -- Cedar Lake

- Fundamentals in Urban-Economic Theory Oded Hochman Ben-Gurion University of the Negev
- Competition, market size, and relative factor endowment Sergey Kichko HSE, Philip Ushchev Hse
- Bio-fuels, Price Supports, and Urban Growth in the American Heartland William H. Hoyt University of Kentucky, Bo Jiang — Southwestern University of Finance and Economics, Jonathan Elliott — New York University
- The Spatial Structure of US Employment Robert Allen Manduca Harvard University
- Upstream Joint Investment Meets Downstream Technology Choice Keizo Mizuno Kwansei Gakuin University

## 98. Formal Paper Session: Local Public Finance and Taxation -- Crystal Lake

• The effect of urban sprawl on local public costs in Japan: A threshold regression approach Hiroshi Ono — Oita University, Tomoya Ida — Kindai University

- Tax Competition for Mobile Capital Shin-Kun Peng Academia Sinica, Dao-Zhi Zeng Tohoku University, Xiwei Zhu Zhejiang University
- Vertical and Horizontal Fiscal Interactions in Local Federalism Kevin Willardsen Florida State University
- Competitive vs. non-competitive federal grants and yardstick competition Luz Saavedra University Of St Thomas

#### 99. Formal Paper Session: Social Capital -- Gray's Bay

- Social Interaction Potential and Employment Patterns Across US MSAs Steven Farber University of Toronto, Nate Wessel — University of Toronto
- Civic capital and school performance: evidence from a local survey. Giorgio Fazio Newcastle University, University of Palermo, Enza Maltese University of Palermo, Davide Piacentino University of Palermo
- Social Interactions, Agglomeration, and Regional Variations in Entrepreneurship Jae Beum Cho Cornell University
- Multilevel Transmission of Cultural Attitudes and Entrepreneurial Intentions: Evidence from High-School Students Annie Tubadji — University of Bologna, Enrico Santarelli — University of Bologna, Roberto Patuelli — University of Bologna
- Corruption and Entrepreneurship: Evidence from US States Can Chen Florida International University, Shaoming Cheng , Hai Guo Florida International University

#### 100. Formal Paper Session: Economic Development: Locational Applications -- Lafayette Bay

- Regional Business Cycle Synchronization in China Xiumin Li Northeast Normal University
- Golden Triangle: Maximizing Economic Development Melody Muldrow University of Arkansas at Little Rock, Gregory Hamilton — University of Arkansas at Little Rock
- Concentration impact on Brazilian and Chilean Growth Patricio Aroca Adolfo Ibáñez University, Carlos Azzoni Universidade de Sao Paulo
- Assessing Indonesia's East Java spatial inequality and convergence process: A holistic approach Andi Irawan — University of Illinois at Urbana-Champaign

## 101. Formal Paper Session: GIS Methods and Applications -- Lake Calhoun

- Analyzing the Interfering Relationship and Influential Weights of Disaster Resilience by Using DANP
   Method Wen-Yen Lin Ming Chuan University, Chi-Tung Hung Ming Chuan University
- Assessment of individual's access to healthy food by incorporating mobility and time components Jingjing
   Li University of Cincinnati, Changjoo Kim University of Cincinnati
- Municipality zoning as a means to exclude: A GIS analysis Hannah Mead Kling George Mason University

#### 102. Formal Paper Session: Transportation and Housing -- Lake Harriet

- Discrete choice models for commuting interactions Jan Rouwendal Vrije Universiteit Amsterdam
- Should My Car Move or Should I? A Model of Residential and Commuting Choices Christopher Marshall Clapp Florida State University
- Exploring Variation of the Impact of New Bus Rapid Transit Routes on House Prices: An Exploratory
   Analysis. Jean Dube Universite Laval, Eugénie Andrianary Laval University, Francois Assad-Déry —
   Laval University, Janie Poupart Laval University, Justine Simard Laval University

Environmentally Sustainable and Affordable Housing near Transit in Los Angeles Seva Rodnyansky —
 University of Southern California, Marlon Boarnet — University of Southern California, Raphael W. Bostic — University of Southern California, Raul Santiago-Bartolomei — University of Southern California

#### 103. Formal Paper Session: Location Modeling and Theory I -- Maple Lake

- Spatial Cournot Competition with an Urban-Rural Framework Wen-Chung Guo National Taipei University, Fu-Chuan Lai — Academia Sinica
- Retail Competition on a Salop Circle under Linear Demand Charles A. Ingene University of Oklahoma, Amiya Basu — Syracuse University, Atasi Basu — Utica College
- Evidence of Clustering Among Craft Breweries in American Cities Neil Reid Univ. Of Toledo, Isabelle Nilsson University of North Carolina Charlotte, Matthew Lehnert University of Toledo
- Intercity Rail and China's City Cluster Development Shuning Wang Cornell University
- The impact of cultural discontinuities on the spatial decay of agglomeration economies Daniele
   Mantegazzi Università della Svizzera italiana, Philip McCann University of Groningen, Viktor Andreas
   Venhorst University of Groningen

#### 104. Formal Paper Session: Issues in Gender, Race, and Inequality I -- Pine Lake

- Which Latino-Owned Businesses Survive? A Comprehensive Picture from Restricted-Access U.S. Census
  Data Craig Carpenter Texas A&M University, Scott Loveridge Michigan State University
- Does Multiculturalism Work? Language, Friendship Homophily, and Well-being of Immigrants in Canada Qiang Li — National University of Singapore
- Using State-Level Google Search Proxies to Model Gender-Specific Death Rates from Suicide and Substance
   Abuse Courtney A. Cuthbertson Michigan State University, Jason Parker Michigan State
   University, Scott Loveridge Michigan State University, Mark Skidmore Michigan State University
- Informality and the Quality of Work: A case Study for the Colombian Pacific Region Luis A. Galvis Banco de la Republica Colombia, Javier Perez Banco de la Republica (The Central Bank of Colombia)
- The Effect of Football Games on Crime Brad Humphreys West Virginia University, Amanda Ross University of Alabama, Ryan Sullivan Naval Postgraduate School

#### 105. Urban Economics Association: Taxation and Local Public Finance -- Excelsior Bay

Chair: Michael Suher, New York University

- The Fiscal Externality of Multifamily Housing and its Impact on the Property Tax: Evidence from Cities and Schools, 1980 -- 2010 Ryan Gallagher Northeastern Illinois University
- Local Sales Taxes, Employment, and Tax Competition Shawn Rohlin Kent State University, Jeffrey Thompson — Federal Reserve Board of Governors
- Sub-metropolitan Tax Competition with Households and Capital Mobility Tidiane Ly GATE (Groupe d'Analyse et de Théorie Economique)
- Is Anybody Home? The Impact and Taxation of Non-Resident Buyers Michael Suher New York University

#### **Discussants:**

- Shawn Rohlin, Kent State University
- Tidiane Ly, GATE (Groupe d'Analyse et de Théorie Economique)
- Michael Suher, New York University
- Ryan Gallagher, Northeastern Illinois University

## 106. Urban Economics Association: Tourism, Amenities and Consumption in Cities -- Spring Park Bay

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

- Gentrification and Crime: Evidence from Rent Deregulation Christopher John Palmer University of California - Berkeley, David Autor — Massachusetts Institute of Technology, Parag Pathak — Massachusetts Institute of Technology
- Tree Canopies, Urban Green Amenities and the Residential Real Estate Market: Remote Sensing and Spatial Hedonic Applications to Lisbon, Portugal Jacob Lawrence Macdonald — Nova School of Business and Economics, Sofia F. Franco — Nova School of Business and Economics
- Welcome! We Have a New Menu: Measuring Product Responses to Competition Jacob Cosman Johns Hopkins University, Nathan Schiff Shanghai University of Finance and Economics
- Historic preservation and energy consumption: evidence for England Christian A.L. Hilber London School of Economics, Charles Palmer — London School of Economics, Ted Pinchbeck — London School of Economics

#### **Discussants:**

- Jacob Lawrence Macdonald, Nova School of Business and Economics
- Nathan Schiff, Shanghai University of Finance and Economics
- Christian A.L. Hilber, London School of Economics
- Christopher John Palmer, University of California Berkeley

#### 107. Urban Economics Association: Housing II -- Wayzata Bay

Chair: John Clapp, University of Connecticut

- How do workers fare after bankruptcy of the firm? The importance of the housing market Jordy Meekes
   Utrecht University, Wolter Hassink Utrecht University
- Home Price Index Futures and the Household Portfolio Ahmad-Reza Michael Sharifi University of California - San Diego
- Giffen and Veblen Go House Shopping: The Market for Inferior, Normal, and Luxury Locations Christian Redfearn University of Southern California
- Anchoring to Purchase Price and Fundamentals: Unobserved Quality and Sample Selection John Clapp —
   University of Connecticut, Ran Lu-Andrews University of Connecticut

#### **Discussants:**

- Ahmad-Reza Michael Sharifi, University of California San Diego
- Christian Redfearn, University of Southern California
- John Clapp, University of Connecticut
- Jordy Meekes, Utrecht University

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

## : Coffee Break -- Grand Portage Ballroom

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

108. Formal Paper Session: Social Networks and Choice Well-Being in Risky Environments: The Drug War in Mexico. --Birch Lake

Organizer: Fernando Plascencia, Cornell University

#### **Discussant:**

• Fernando Plascencia, Cornell University

## 109. Formal Paper Session: Urban Economic Theory: Population and Development -- Cedar Lake

- Do civil wars accelerate urbanization in Africa? The case of Mozambique 1970-2007 Peter Mulder VU
  University Amsterdam, Raymond J.G.M. Florax Purdue University, Ramos Muanamoha Eduardo
  Mondlane University, Maputo Mozambique
- *Urban Shrinkage and Resurgence in Germany* Alina M. Schoenberg IMC University of Applied Sciences, Florian Bartholomae Bundeswehr University Munich, Chang W. Nam ifo Institute
- Stuck in the Middle: The Role of Small and Medium Multifamily Housing in Urban Spatial
   Structure Yeokwang An University of Southern California, Raphael W. Bostic University of Southern
   California, Andrew Jakabovics Enterprise Community Partners, Anthony W. Orlando USC Price
   School of Public Policy, Seva Rodnyansky University of Southern California
- Is Urbanization Reducing Poverty in Mexico? Ariadna Martinez Gonzalez The Ohio State University, Mark Partridge Ohio State University

#### 110. Formal Paper Session: Regional Economic Development Methods -- Crystal Lake

- On Measuring the Importance of Local food to Regional Economies Steven Miller Michigan State
  University, John T. Mann Michigan State University
- The pre-history of regional science methods in planning: the experience of British planning in the 1940s Peter Batey University of Liverpool
- Network contracts and firm performance: Evidence from matching estimates of a regional programme impact Andrea Caragliu — Politecnico di Milano, Paolo Landoni — Politecnico di Torino, Alessandro Sala — Eupolis Lombardia
- Personality, Education and Regional Human Capital Eckhardt Bode Kiel Institute for the World Economy, Stephan Brunow — Institute for Employment Research
- Determining the Signal from the Noise in Economic Resilience Estimation Lauryn Ringwood University of Idaho, Philip Watson University of Idaho

## 111. Formal Paper Session: Regional/Rural Development IV: Knowledge and Innovation -- Deer Lake

Organizers: Sarah A Low, USDA; Stephan Weiler, Colorado State University

- Transfer of knowledge and how it can influence productivity and competitiveness: Theoretical considerations and case studies. Knut I. Westeren Nord University
- Impact of Knowledge Management Strategies on Innovation Outcomes for Rural Businesses in the United States Kathryn R. Dotzel The Ohio State University
- Innovation, Design, and Creative Places: All Origination Has an Address Timothy Wojan USDA Economic Research Service, Bonnie Nichols — National Endowment for the Arts

#### **Discussants:**

- Timothy Wojan, USDA Economic Research Service
- Knut I Westeren, Nord University
- Kathryn R Dotzel, The Ohio State University

#### 112. Formal Paper Session: Transportation Externalities and the Environment --Elk Lake

- Commute Mode Choice and Neighbourhood Sorting: The effect of public transit on income stratification Andrea Craig — Queen's University
- Urban congestion and air pollution in Europe Ilias Pasidis University of Barcelona, Miquel Àngel Garcia Lopez — Universitat Autònoma de Barcelona, Elisabet Viladecans Marsal — Universitat de Barcelona and Institut de Economia de Barcelona
- Determinants of Long-distance Commuting: Evidence from the 2012 California Household Travel Survey Suman Mitra — University of California - Irvine, Jean-Daniel M. Saphores — University of California. Irvine

## 113. Formal Paper Session: Urban Spatial Structures -- Gray's Bay

- Efficiency Range of Agglomeration and Multiple Equilibria of Non-monocentric urban Configuration Mitsuru Ota University of Tsukuba
- A New Estimate of Elasticity of Substitution between Land and Structure Tian Luan GWU
- Distributions of building geometric attributes: a stochastic Muth-Mills approach Justin Delloye —
   Université Catholique de Louvain, Dominique Peeters Université catholique de Louvain, Joe Tharakan Université de Liège
- Ubiquitous digital technologies and spatial structure: a preliminary analysis Emmanouil Tranos —
   University of Birmingham, Yannis Ioannides Tufts University

#### 114. Formal Paper Session: Location and Economic Development: Applications -- Lafayette Bay

- Multinational Enterprises, Regions and Structural Change Andrea Ascani London School of Economics, Simona Iammarino — London School of Economics
- Above averages: A nonparametric approach to decomposing industrial structure using establishment size distributions Michael Chohaney — University of Toledo, Oleg A. Smirnov — University of Toledo
- Institutions and Urban Concentration: The Role of Ethnicity Sidney Turner Fors Marsh Group LLC, Uma Kelekar Marymount University
- Mapping the on-demand economy: The impact of home-based businesses on urban spatial structure in the twenty-first century Kevin Kane — University of California, Irvine, William A.V. Clark — University of California - Los Angeles

#### 115. Formal Paper Session: Transportation GIS -- Lake Calhoun

- Modeling Positional Uncertainty Incurred Through Street Geocoding Hyeongmo Koo University of Texas at Dallas, Yongwan Chun — Universeity of Texas at Dallas, Daniel A. Griffith — The University of Texas at Dallas
- Constructing Human Activity Spaces: A New Approach Incorporating Complex Urban Activity-Travel Ran Li
   University of Arizona, Daoqin Tong University of Arizona
- The influence of urban structure on commute time and commute mode: an empirical study for 50
  metropolitan statistical areas zhiyuan Yao University of Cincinnati, Changjoo Kim University of
  Cincinnati
- Open Technologies in a GIS-T Application for Public Transportation in Arica City (Chile) Patricio Aroca —
   Adolfo Ibáñez University, Monica Navarrete Universidad de Tarapaca, Ricardo Valdivia Universidad de Tarapaca, Rodrigo Cornejo Universidad de Tarapaca

## 116. Formal Paper Session: Amenities and Real Estate Pricing Dynamics -- Lake Harriet

- Age effects in the price of commercial real estate Edwin Buitelaar Netherlands Environmental
   Assesment Agency, Or Levkovich VU University Amsterdam, Jan Rouwendal Vrije Universiteit
   Amsterdam
- Decomposing the Impact of a Change in Mass Transit System on Location Rent Accounting for Anticipation Effect. Jean Dube — Universite Laval, Diègo Legros — University of Burgundy, Nicolas Devaux — University of Quebec - Rimouski
- Intra-School District Capitalization of Property Tax Rates Mitchell R. Livy California State University, Fullerton
- Spillover Effects and Competition in the Food Service Industry Roxana Fernandez Tilburg University, Catherine Schaumans — National Bank of Belgium

 Do benefits of voluntary brownfield cleanup programs justify their costs? Evidence from New York. Olesya Savchenko — University of Illinois Urbana Champaign, John B. Braden — University of Illinois - Urbana-Champaign

#### 117. Formal Paper Session: Location Modeling and Theory II -- Maple Lake

- The Mills Model of the Urban Economy Revisited John R. Miron University of Toronto
- Segregation and spatial urban structure in Barcelona: Does history really matter? Miquel Àngel Garcia
   Lopez Universitat Autònoma de Barcelona, Rosella Nicolini Universitat Autonoma de Barcelona, José
   Luis Roig-Sabaté —
- An analysis of the reasons behind residential segregation. An example from the Greater Los Angeles Area levgenii L. Kudko State University of New York at Buffalo
- Foreign Ownership, Internalization, and Subnational Organization: The Role of Micro-Level
   Agglomeration Christian Geisler Asmussen Copenhagen Business School, Bo B. Nielsen University of
   Sydney, Cecilie Dohlmann Weatherall Kraksfond the Institute for Urban Economic Research
- Industrial Localization in Bogota Norman Maldonado , Antonio Avendaño Secretria Distrital de Planeacion, Alex Araque — Universidad Sergio Arboleda

#### 118. Formal Paper Session: Issues in Gender, Race, and Inequality II -- Pine Lake

- Globalization, Gender Empowerment and Fertility Mizuki Komura Musashi University, Hikaru Ogawa University of Tokyo
- On the convergence in female participation rates Yukiko Abe Hokkaido University
- Sustainability and Displacement: Assessing the Spatial Pattern of Residential Moves Near Rail Transit in
  Los Angeles County Seva Rodnyansky University of Southern California, Raphael W. Bostic —
  University of Southern California, Marlon Boarnet University of Southern California, Raul SantiagoBartolomei University of Southern California, Danielle Williams University of Southern
  California, Allen Prohofsky California Franchise Tax Board
- Health and risk behavior in Brazil: an empirical analysis Vitor Luiz Andrade Ebserh, Flavia Chein —
   Federal University of Juiz de Fora
- Sorting Urban Inequality Santiago Truffa UC Berkeley

#### 119. Urban Economics Association: Gentrification and urban policies -- Excelsior Bay

Chair: Henry G. Overman, London School of Economics

- Cities in motion: Gentrification and local businesses Kristian Behrens Université du Québec à Montréal, Brahim Boualam — Université du Québec à Montréal, Julien Martin — Université du Québec à Montréal, Florian Mayneris — Université catholique de Louvain
- High-Cost Cities, Gentrification, and Voucher Use Ingrid Gould Ellen New York University, Gerard Torrats-Espinosa — New York University
- Can Urban Renewal Policies Reverse Neighborhood Ethnic Dynamics? Nicolas González Pampillón —
   Universitat de Barcelona & IEB, Jordi Jofre-Monseny Universitat de Barcelona & IEB, Elisabet
   Viladecans-Marsal Universitat de Barcelona & IEB
- The Local Economic Impacts of Regeneration Projects Henry G. Overman London School of Economics, Steve Gibbons London School of Economics, Matti Sarvimaki Aalto University

#### **Discussants:**

- Gerard Torrats-Espinosa, New York University
- Jordi Jofre-Monseny, Universitat de Barcelona & IEB
- Henry G. Overman, London School of Economics
- Julien Martin, ESG-UQAM

## 120. Urban Economics Association: Local Public Good and Taxation -- Spring Park Bay

Chair: Kurt Schmidheiny, University of Basel

- Capitalization as a Two-Part Tariff: The Role of Zoning H. Spencer Banzhaf Georgia State
  University, Kyle D. Mangum Georgia State University
- Should We Be Taxed Out of Our Homes? The Optimal Taxation of Housing Consumption David Albouy —
   University of Illinois, Sebastian Findeisen University of Mannheim
- Residential Sorting and the Incidence of Local Public Goods: Theory and Evidence from Air Pollution Daniel
   M. Sullivan Harvard University
- Taxing Wealth: Evidence from Switzerland Marius Brulhart University of Lausanne, Jonathan Gruber —
   Massachusetts Institute of Technology, Matthias Krapf University of Lausanne, Kurt Schmidheiny —
   University of Basel

#### **Discussants:**

- David Albouy, University of Illinois
- Daniel M. Sullivan, Harvard University
- Kurt Schmidheiny, University of Basel
- Kyle D. Mangum, Georgia State University

# 121. Urban Economics Association: Spatial Labor Markets II -- Wayzata Bay

Chair: Jordan Rappaport, Federal Reserve Bank of Kansas City

- Local Labor Markets and Human Capital Investments Russell Weinstein Rensselaer Polytechnic Institute
- Minimum Wages and Spatial Equilibrium: Theory and Evidence Joan Monras Sciences Po
- Income, Race and Geography Jenny Schuetz Federal Reserve Board of Governors, Arturo Gonzalez —
   Federal Reserve Board of Governors, Jeff Larrimore Federal Reserve Board of Governors, Ellen Merry —
   Federal Reserve Board of Governors, Barbara Robles Federal Reserve Board of Governors
- How Centralized is Employment in U.S. Metros? Jason P. Brown Federal Reserve Bank of Kansas
  City, Maeve Maloney Federal Reserve Bank of Kansas City, Jordan Rappaport Federal Reserve Bank
  of Kansas City, Aaron Smalter Hall Federal Reserve Bank of Kansas City

## **Discussants:**

- Joan Monras, Sciences Po
- Jenny Schuetz, Federal Reserve Board of Governors
- Jordan Rappaport, Federal Reserve Bank of Kansas City
- Russell Weinstein, Rensselaer Polytechnic Institute

12:30 PM-2:30 PM

Special Session: NARSC Awards Luncheon -- Grand Portage Ballroom

1:30 PM-3:30 PM

# 122. Formal Paper Session: Pricing and Revenue Management -- Birch Lake

**Organizer:** Amir Meimand, Zilliant

 Application of Optimization Techniques and Statistical Modeling on Dynamic Pricing and Revenue Management Amir Meimand — Zilliant

## **Discussant:**

• Amir Meimand, Zilliant

# 2:45 PM-4:45 PM

# 123. Formal Paper Session: Economic Issues in Transportation -- Cedar Lake

- Why do Greater Lyon respondents' give non responses to the income question? Censored models helpful for reducing the bias of non-responses in transport survey Stephanie Souche-Le Corvec — University of Lyon
- What Can We Learn from Airline Routing Announcements? Competition and Quality Provision Revisited Qi Ge — Skidmore College
- Accessibility and Equity Effects of Road Pricing: A Simulation Study of the I-77 HOT Lanes Wenjia Zhang —
   University of North Carolina Charlotte, Jean-Claude F. Thill Univ. of North Carolina at Charlotte
- A birth- and immigration-cohort analysis for commute mode choice in Los Angeles County, California using public-use census microdata Xize Wang University of Southern California

# 124. Formal Paper Session: Topics in Investment -- Crystal Lake

# 125. Formal Paper Session: Regional/Rural Development V: Individual Decisions on Debt, Unemployment, and Inequality --Deer Lake

Organizers: Sarah A Low, USDA; Stephan Weiler, Colorado State University

- Response of Consumer Debt to Income and Wealth Shocks: The Case of Energy Booms and Busts Jason P. Brown Federal Reserve Bank of Kansas City
- Sources of Active Job Search Among the Rural Residents Whether Employed, Unemployed or Out of the Labor Force Eric Thompson University of Nebraska Lincoln
- Multidimensional Inequality in the United Kingdom: Just how unequal we are? Deniz Sevinc University
  of Leicester

#### **Discussants:**

- Eric Thompson, University of Nebraska Lincoln
- Deniz Sevinc, University of Leicester
- Jason P. Brown, Federal Reserve Bank of Kansas City

# 126. Formal Paper Session: Industrial Issues in Economic Development -- Elk Lake

- Measuring the relationship between local industrial structure and economic growth in U.S. metropolitan statistical areas from 2001 to 2014 Michael Chohaney — University of Toledo, Oleg A. Smirnov — University of Toledo
- Local and external markets, currency appreciation and production costs: What explains Brazilian
  manufacturing dynamics in the 2005-2011 period Edson Paulo Domingues Cedeplar-UFMG, Aline S.
  Magalhães Cedeplar, Kenia B. Souza Cedeplar
- Export Diversification and Its Spatial Evolution in Chinese Manufacturing Sectors Qi Guo Nankai University, Canfei He Peking University

# 127. Formal Paper Session: Real Estate: Spatial Considerations -- Gray's Bay

- Big Data and a Spatial Hedonic Approach: Addressing the land market information gap and estimating land prices determinants in metropolitan regions from developing countries Cynthia Goytia — Torcuato Di Tella University, Guadalupe Dorna — Torcuato Di Tella University
- A Spatiotemporal Modeling for the Housing Market using Real Estate Big Data and GIS technology Heonsoo Park — Jeju National University, Haejung Chun — Sungkyul University
- What is Near and Recent in Crime for a Homeowner? The Cases of Denver and Seattle Juan Tomas
   Sayago-Gomez West Virginia University, Adam Nowak West Virginia University

 Vacant China - Voids Within the Growth Machine: Using Social Media to Detect Residential Vacancy in China Sarah Williams — Massachusetts Institute of Technology, Wenfei Xu — Massachusetts Institute of Technology, Michael Foster — Massachusetts Institute of Technology, Changping Chen — Massachusetts Institute of Technology

# 128. Formal Paper Session: The evolving geography of North America's auto industry -- Lake Calhoun

**Organizer:** Thomas Klier, Federal Reserve Bank of Chicago **Chair:** Thomas Klier, Federal Reserve Bank of Chicago

- Mexico's remarkable growth in vehicle production -- a detailed analysis of production and exports Thomas Klier — Federal Reserve Bank of Chicago, James Rubenstein — Miami University
- Do we need a new framework to study the geography of the automotive industry? The question of agency and scale in shaping the Canadian automotive industry. Brendan A. Sweeney McMaster University
- Turnover, fixed costs, and migration in the auto industry Brian Adams BLS, Ted Rosenbaum Federal Trade Commission
- Motor city's strength -- evidence of persistence of the automotive R&D cluster Thomas Klier Federal Reserve Bank of Chicago, Thom Walstrum — Federal Reserve Bank of Chicago

## 129. Formal Paper Session: Location Modeling and Economic Development -- Maple Lake

- The Z-axis: Elevation Gradient E ffects in Urban America Yifan Ye Duke University, Charles M. Becker Duke University
- A look at shopping centers as business centers: an exercise for Cali-Colombia Lilian A. Carrillo-Rodriguez
   Universidad Autonoma de Occidente, Elizabeth Aponte J Universidad Autonoma de Occidente, Ana Milena Alvarez C Universidad Autonoma de Occidente
- Non-equilibrium Dynamic Simulation of Spatial Evolution of the Polycentric Structure in Metropolitan Area
   In China Ling Xue Peking University
- Adding e-commerce into retail location models Graham P. Clarke University of Leeds, Elena Kirby-Hawkins —
- Globalization, Coagglomeration and Japanese MNFs' Overseas Location in East Asia: Cases of food, electronics and automobile industries Suminori TOKUNAGA — Reitaku University, Yuko Akune — Reitaku University, Maria Ikegawa — Policy Research Institute, MAFF

## 130. Formal Paper Session: Poverty: Applications -- Pine Lake

- Spatial Measures of Socioeconomic Deprivation: An Application to Four Midwestern Industrial Cities Scott William Hegerty Northeastern Illinois University
- Food Deserts and Diet-Related Health Outcomes for the Elderly Nadia Greenhalgh-Stanley Kent State University
- Determinants that Explain the Evolution of Extreme Poverty in Honduras from 2001 to 2015 Oger Roberto
   Marin Gonzalez University of Valladolid, Mercedes Prieto Alaiz University of Valladolid, Carmelo
   Garcia Perez University of Alcalá
- Commuting in a residential segregated region: implications for the urban poor Monica Amaral Haddad Iowa State University
- The geography of despondence: where U.S. middle-age white mortality has been rising David A.
   McGranahan USDA Economic Research Service, Tim Parker USDA Economic Research Service, Shannon Monnat Pennsylvania State University

## 131. Formal Paper Session: Developing Countries: Methods and Applications -- Spring Park Bay

- The Size Distribution of All Chinese Cities: 2000 2010 Mi Diao National University of Singapore, Yuming Fu — National University of Singapore, Qiang Li — National University of Singapore
- Computing Functional Urban Areas Using a Hierarchical Travel Time Approach: An Applied Case in Ecuador Vicente Royuela — University of Barcelona (Spain), Moises Obaco — Universitat de Barcelona, Vítores Xavier — Independent Statistical Researcher
- Efficiency and convergence of the innovation: a study of technological progress for developed and developing countries Frederick F. Alves Federal University of Viçosa/ University of Illinois at Urbana Champaign, Soraia Madeira Federal University of Viçosa, Lucas Sousa University of Brasilia
- Performance of Centralized and Decentralized Police Systems with a Comparison of High and Low Human Development Countries. Grichawat Lowatcharin — Khon Kaen University, Judith Stallmann — University of Missouri

## 132. Urban Economics Association: Homeownership -- Excelsior Bay

Chair: Felipe Carozzi, London School of Economics

- Why do people vote nationally but not locally? Homeownership, Mobility and Investment in the Community Boqian Jiang — Syracuse University
- The Price of Homeowners: An Examination of the First-time Homebuyer Tax Credit Erik Hembre University of Illinois Chicago
- The Effect of Interest Rates on Home Buying: Evidence from a Discontinuity in Mortgage Insurance Premiums Daniel Ringo — Board of Governors of the FRS, Neil Bhutta — Federal Reserve Board of Governors
- Credit Constraints and the Composition of Housing Sales. Farewell to First-time Buyers? Felipe Carozzi London School of Economics

#### Discussants:

- Erik Hembre, University of Illinois Chicago
- Daniel Ringo, Board of Governors of the FRS
- Felipe Carozzi, London School of Economics
- Bogian Jiang, Syracuse University

# 133. Urban Economics Association: Housing III -- Wayzata Bay

Chair: Stephen Sheppard, Williams College

- Why does the Return to Experience Vary By Worker Type Across Cities? The Role of Life-Cycle Housing Demand Chun "KC" Kuang — George Washington University
- Does Differential Treatment Translate to Differential Outcomes for Minority Borrowers? Evidence from Matching a Field Experiment to Loan Level Data Andrew R. Hanson — Marquette University, Zackary Hawley — Texas Christian University, Hal Martin — Federal Reserve Bank of Cleveland
- Strategic Sequential Bidding for Government Land Auction Sales Evidence from Singapore Sumit Agarwal

   National University of Singapore, Jing Li Singapore Management University, Ernie Teo Singapore
   Management University, Alan Cheong Savills Valuation and Professional Services Pte Ltd
- Do Airbnb properties affect house prices? Stephen Sheppard Williams College, Andrew K. Udell Williams College

# **Discussants:**

- Hal Martin, Federal Reserve Bank of Cleveland
- Jing Li, Singapore Management University
- Stephen Sheppard, Williams College
- Chun "KC" Kuang, George Washington University

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