Detailed Preliminary 2017 NARSC Program
Vancouver, British Columbia, Canada
November 8 – 11, 2017

Wednesday, 08 November
8:00 AM-5:00 PM

2. Workshop 1: Spatial Data Analysis with PySAL -- Seymour

3. Workshop 2: Economic Modeling with TERM-USA Using Customized RunGEM -- Grouse

4:00 PM-8:00 PM

4. Registration -- Regency Foyer

6:30 PM-7:30 PM

5. Words of Welcome and RSAI Fellows Plenary -- Georgia B Ballroom

8:00 PM-9:00 PM

6. NARSC Icebreaker Reception -- English Bay/Cypress/Stanley

Thursday, 09 November
7:30 AM-8:00 PM

7. Registration -- Regency Foyer

8:00 AM-10:00 AM

8. Location Modeling and Spatial Analysis I -- Balmoral

- Hidden yet there: regional analytics in GIS  Alan Murray, University of California - Santa Barbara
- GIS based location analytics: empirical performance characteristics  Jing Xu, UC Santa Barbara; Alan Murray, University of California - Santa Barbara

9. Economic Development I -- Cavendish

Chair: Sudhir Thakur, California State University Sacramento
• *Using GIS to Identify Economic Sector Potential Within Sub-County Regions*  Martin Kaufman, University of Michigan-Flint; Troy Rosencrants, University of Michigan-Flint; Kristin Ball, University of Michigan-Flint; Michael Keller, University of Michigan-Flint

• *Grow Agglomerations for Innovating Industries at Optimal Sizes*  Li Fang, University of Maryland, College Park

• *Public Debt and Regional Inequality in India: A Spatial Analysis*  Sudhir Thakur, California State University Sacramento

• *Measuring Economic Performance from Outer Space: The case of Mexico*  Mauricio Ramirez Grajeda, Universidad de Guadalajara; Xiomara Vazquez Guillen, Tec de Monterrey

**Discussants:**
- Mauricio Ramirez Grajeda, Universidad de Guadalajara
- Martin Kaufman, University of Michigan-Flint
- Li Fang, University of Maryland, College Park
- Sudhir Thakur, California State University Sacramento

10. **Input-Output Methods I -- Constable**

**Chair:** Elizabeth Roos, Victoria University

• *Creation of value-added, income, and employment impact multipliers for Honduras*  Rebekka Dudensing, Texas A&M University; Carlos Carpio, Texas Tech University

• *An Alternative Conceptual Framework Building Lightweight Multiregional Models using a Network-Econometric Approach*  Peter Jarosi, West Virginia University

• *Constructing a regional Computable General Equilibrium (CGE) model and database for South Africa*  Elizabeth Roos, Victoria University; Philip Adams, University of Victoria; Mark Horridge, University of Victoria

• *Diversifying a Resource Dependent Economy: Private-Public Relationships in the Kuwaiti Economy*  Ayele Gelan, Kuwait Institute for Scientific Research; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

**Discussants:**
- Ayele Gelan, Kuwait Institute for Scientific Research
- Rebekka Dudensing, Texas A&M University
- Peter Jarosi, West Virginia University
- Elizabeth Roos, Victoria University

11. **UEA 01C Advances in Theory I -- Cypress**

**Chair:** Fan-chin Kung, East Carolina University

• *Commuting and Internet Traffic Congestion*  Marcus Berliant, Washington University - St. Louis

• *Urban Structures with Forward and Backward Linkages*  Pascal Mossay, University of Newcastle; Takatoshi Tabuchi, University of Tokyo; Pierre M Picard, University of Luxembourg

• *On the optimal design of place-based policies: A structural evaluation of EU regional transfers*  Yashar Blouri, University of Bern; Maximilian von Ehrlich, University of Bern

• *Information Aggregation and Transmission in Network Games*  Fan-chin Kung, East Carolina University; Ping Wang, Washington University - St. Louis
**Discussants:**
- Pierre M Picard, University of Luxembourg
- Yashar Blouri, University of Bern
- Fan-chin Kung, East Carolina University
- Marcus Berliant, Washington University - St. Louis

**12. Housing I --Dover**

**Chair:** Michael Reilly, Bay Area Metro

- *Height Restrictions and Housing Prices in Brazil: A Difference-in-Discontinuity Approach*  
  Raissa Dantas, Federal University of Pernambuco; Raul da Mota Silveira Neto, Pimes - UFPE; Breno Sampaio, Pimes - UFPE; Gisleia Duarte, Pimes - UFPE
- *Enjoy your meal: Restaurants and house prices in Amsterdam*  
  Frank Van Oort, Utrecht University; Jeroen Van Haaren, Erasmus University Rotterdam
- *Forecasting Regional Housing Prices in a Highly Supply-Constrained Region*  
  Michael Reilly, Bay Area Metro
- *Geographic variation in intra-city house price appreciation, evidence from Auckland New Zealand*  
  Leon Stirk-Wang, University of Otago; Paul Thorsnes, University of Otago

**Discussants:**
- Leon Stirk-Wang, University of Otago
- Raissa Dantas, Federal University of Pernambuco
- Frank Van Oort, Utrecht University
- Michael Reilly, Bay Area Metro

**13. Local Public Goods --English Bay**

**Chair:** Jeff Chan, Wilfrid Laurier University

- *The Impact of the Tax Burden on Macro-economic Performance: An EU panel VAR analysis.*  
  Richard Whittle, Manchester Metropolitan University; Kevin Albertson, Manchester Metropolitan University
- *The Effect of Immigration on Local Public Finances*  
  Jeff Chan, Wilfrid Laurier University
- *Do rewards work? Evidence from the randomization of Public Works*  
  Carlos Scartascini, Inter-American Development Bank; Paul Carillo, George Washington University

**Discussants:**
- Carlos Scartascini, Inter-American Development Bank
- Richard Whittle, Manchester Metropolitan University
- Jeff Chan, Wilfrid Laurier University

**14. UEA 01A Housing and Governments I --Grouse**

**Chair:** Andreas Mense, University of Erlangen-Nuernberg

- *The Effects of Rent Control Expansion on Tenants, Landlords, and Inequality: Evidence from San Francisco*  
  Rebecca Diamond, Stanford University; Tim McQuade, Stanford University; Franklin Qian, Stanford University
• Restrictive Zoning’s Impact on the Local Education Property Tax Base: Evidence from Zoning District Boundaries and Municipal Finances  Ryan Michael Gallagher, Northeastern Illinois University

• RACE TO THE TOP IN URBAN SPRAWL: LONG-RUN EVIDENCE FROM SWITZERLAND  Maximilian von Ehrlich, University of Bern; Christian A. L. Hilber, London School of Economics; Olivier Schoeni, University of Bern

• Market break or simply fake? Empirics on the causal effects of rent controls in Germany  Andreas Mense, University of Erlangen-Nuernberg

Discussants:
• Ryan Michael Gallagher, Northeastern Illinois University
• Olivier Schoeni, University of Bern
• Andreas Mense, University of Erlangen-Nuernberg
• Tim McQuade, Stanford University

15. Industrial Efficiency and Resiliency  --Kensington

Chair:  William (Bill) Cochrane, University of Waikato

• Spatial Data Analysis in the efficiency of industrial sector for the Northeast and Bajio regions of Mexico  Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro; Miriam Valdes Ibarra, Universidad Autonoma de Coahuila; Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

• The Impact of regional economic resilience and social connectedness on post-crisis employment trends: Evidence from New Zealand  William (Bill) Cochrane, University of Waikato; Matthew Roskrug, Massey University; Thomas Stubbs, Cambridge University

• Indicators of Regional Risk and Resiliency  Timothy Slaper, Indiana University; Nikita Lopatin, Indiana University

Discussants:
• Timothy Slaper, Indiana University
• Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro
• William (Bill) Cochrane, University of Waikato

16. Labor Market and Wages  --Lord Byron

Chair:  Nikolaos Terzidis, Rijksuniversiteit Groningen

• Wage Differentials in Agricultural Subsectors in The Brazilian Northeast  Adelson Silva, UFRPE; Everlandia Silva, Federal University of Bahia; Roberta Rocha, Federal University of Pernambuco

• Good Job, Bad Job: Decomposing regional wage differences into within and across sector components  Philip Watson, University of Idaho

• Employment Polarization in Local Labor Markets: The Dutch Case  Nikolaos Terzidis, Rijksuniversiteit Groningen; Raquel Ortega-Argiles, University of Birmingham; Raoul van Maarseveen, Uppsala University

• Benefits of dense labour markets - Evidence from transitions to employment in Germany  Annekatrin Niebuhr, Institute of Employment Research (IAB); Silke Hamann, IAB Institute for Employment Research; Cornelius Peters, Thünen Institute of Rural Studies

Discussants:
• Annekatrin Niebuhr, Institute of Employment Research (IAB)
• Adelson Silva, UFRPE
• Philip Watson, University of Idaho
• Nikolaos Terzidis, Rijksuniversiteit Groningen

17. Rural Development I -- Oxford

Chair: Maria Figueroa-Armijos, American University

• Is there a balloon effect? Coca crops and forced eradication in Colombia  Eleonora Davalos, Universidad EAFIT
• The Impact of Commercial Airports on Rural Regions: A Canadian Perspective  Pierre-Marcel Desjardins, Université de Moncton; Laurent Guihéry, Cergy-Pontoise University
• The Role of Gender, Rurality, and Teams in Prosocial Crowdfunding  Maria Figueroa-Armijos, American University; John P. Berns, University of Mississippi
• Road to Despair and the Geography of the America Left Behind  Alexandra Tsvetkova, Ohio State University; Mark Partridge, Ohio State University

Discussants:
• Alexandra Tsvetkova, Ohio State University
• Eleonora Davalos, Universidad EAFIT
• Pierre-Marcel Desjardins, Universite de Moncton
• Maria Figueroa-Armijos, American University

18. Migration: Labor Applications -- Prince of Wales

Chair: Mariko Nakagawa, University of Tokyo

• Knowledge Borders: Temporary Labor Mobility and the Canada-U.S. Border Region  Kathrine Richardson, San Jose State University
• International migration, linguistic friction, and industrial agglomeration  Mariko Nakagawa, University of Tokyo
• An interregional input-output analysis with agglomeration economies: Isard meets Krugman  Ryo Itoh, Tohoku University

Discussants:
• Ryo Itoh, Tohoku University
• Kathrine Richardson, San Jose State University
• Mariko Nakagawa, University of Tokyo

19. NARSC Council Meeting (Invitation Only) -- Plaza C

20. Migration and Economic Growth -- Seymour

Chair: Jaewon Lim, University of Nevada, Las Vegas (UNLV)

• The Economic Decision of International Migration: Empirical Evidences from the United States and Canada  JongHoon Park, Seoul National University; SeongWoo Lee, Seoul National University; JiYoung Park, SUNY - Buffalo
- Migration-prone and migration-averse regions. On how past migration waves affect the location of future migrants and the economic dynamism of territories  Andrés Rodríguez-Pose, London School of Economics; Viola von Berlepsch, London School of Economics
- Geographically Uneven Social Mobility and Interregional Mobility of the Millennials in the U.S.  Jaewon Lim, University of Nevada, Las Vegas (UNLV)
- Short-Term Relocation versus Long Term Migration: Implications for Economic Growth and Human Capital Change  Bruce Newbold, McMaster University

Discussants:
- Bruce Newbold, McMaster University
- JongHoon Park, Seoul National University
- Andrés Rodríguez-Pose, London School of Economics
- Jaewon Lim, University of Nevada, Las Vegas (UNLV)

21. UEA 01B Transportation I –Stanley

Chair: Harris Selod, World Bank

- Public transport and urban pollution  Rainald Borck, University of Potsdam
- Do Subways Reduce Congestion? Evidence from US Cities  Jindong Pang, Syracuse University
- Roads and the Economic Geography of Activities in Mexico  Brian Blankespoor, World Bank; Theophile Bougna, World Bank; Rafael Garduno-Rivera,; Harris Selod, World Bank

Discussants:
- Jindong Pang, Syracuse University
- Harris Selod, World Bank
- Rainald Borck, University of Potsdam

22. Transportation Equity and Accessibility --Tennyson

Chair: Lisa Losada Rojas, Purdue University

- Transit Equity in Canadian Cities: A Nationwide Analysis of Jobs Accessibility  Jeff Allen, University of Toronto; Steven Farber, University of Toronto - Scarborough
- Transit Accessibility and the Geography of Opportunity: Evidence using GTFS and GIS on Los Angeles  Marlon Boarnet, University of Southern California; Gary Painter, University of Southern California; Madison Swayne, University of Southern California; Matthew Miller, University of Southern California
- Assessing the First and Last Mile Problem in Intercity Passenger Rail Service  Lisa Losada Rojas, Purdue University; Nadia Gkritza, Purdue University; V. Dimitra Pyrialakou, West Virginia University
- Accessibility and Endogeneity in Urban Markets  Eduardo Haddad, FEA-USP; Ana Barufi, NEREUS-USP

Discussants:
- Eduardo Haddad, FEA-USP
- Jeff Allen, University of Toronto
- Marlon Boarnet, University of Southern California
- Lisa Losada Rojas, Purdue University

Organizer: William M Bowen, Cleveland State University
Chair: William M Bowen, Cleveland State University
Panelists: Kingsley Haynes, George Mason University; Randall W Jackson, West Virginia University; Peter V Schaeffer, West Virginia University; Haifeng Qian, University of Iowa; Gil-Hwan Park, Daegu University; Roger Stough, George Mason University
Discussant: William M Bowen, Cleveland State University

8:30 AM-10:00 AM
24. PiRS Editorial Board Meeting (Invitation Only) --Plaza A

10:00 AM-10:30 AM
25. Coffee Break --Regency Foyer

10:30 AM-12:00 PM
26. NARSC Presidential Plenary --Regency DEF

12:00 PM-1:30 PM
27. Lunch (On your Own) --

28. The Regional Science Academy Business Lunch Meeting (Invitation Only) --Regency F

12:30 PM-2:30 PM
29. PRSCO Council Luncheon (Invitation Only) --Regency E

1:30 PM-3:30 PM
30. Housing II --Balmoral

Chair: Philemon Abayateye, University of Toledo

- Agricultural amenities in the urban fringe: Challenges of signaling and households’ valuation  Marine Coinon, University of Burgundy
- Sprawled versus Compact Cities: How Do New Residential Development Patterns Affect Air Quality in Metro Areas? Jae-Wan Ahn, Ohio State University; Elena Irwin, Ohio State University
- Analyzing the data for HOPE VI neighborhoods two decades later--Did Urban America put too much “hope” in HOPE VI? Philemon Abayateye, University of Toledo
- Postwar Housing and Neighborhood Decline Lyndsey Anne Rolheiser, Massachusetts Institute of Technology

Discussants:
- Lyndsey Rolheiser, MIT
- Marine Coinon, University of Burgundy
- Jae-Wan Ahn, Ohio State University
• Philemon Abayateye, University of Toledo

31. Community Development --Constable

Chair: Kenneth Whaley, Clemson University

• On the use of community detection in big data for delineating regions: Revolutionary results for Belgium? THOMAS Isabelle, Université catholique de Louvain; Arnaud Adam, Université catholique de Louvain; Jean-Charles Delvenne, Université catholique de Louvain
• Exploring the Spatial Distribution and Socio-economic Factors of the Village Network Yi-ting Chiu, George Mason U.
• Charlotte's process of community gentrification: A post-recession neighborhood change analysis Daniel Yonto, University of North Carolina at Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte
• Neighborhood Composition and Public School Financing: District-Level Expenditures and Revenues 2000 & 2010 Kenneth Whaley, Clemson University
• Are Cities the Home of People? A 'Soul and Body' Analysis of Urban Attractiveness Marie Wahlstrom, Urban Planning and the Environment; Karima Kourtit, KTH Royal Institute of Technology; Peter Nijkamp, Tinbergen Institute

Discussants:
• Marie Wahlstrom, Urban Planning and the Environment
• THOMAS Isabelle, Université catholique de Louvain
• Yi-ting Chiu, George Mason U.
• Daniel Yonto, University of North Carolina at Charlotte
• Kenneth Whaley, Clemson University

32. UEA 02C labor markets I --Cypress

Chair: Hildegunn E. Stokke, Norwegian University of Science and Technology

• Coworker complementarity Frank Neffke, Harvard University
• City Minimum Wages Jorge Eduardo Perez Perez, Brown University
• Gender-Segmented Labor Markets and the Effects of Local Demand Shocks Juan Pablo Chauvin, Harvard University
• Private-public wage gap and sector-specific return to experience Jorn Rattso, Norwegian University of Science and Technology; Hildegunn E. Stokke, Norwegian University of Science and Technology

Discussants:
• Jorge Eduardo Perez Perez, Brown University
• Juan Pablo Chauvin, Harvard University
• Hildegunn E. Stokke, Norwegian University of Science and Technology
• Frank Neffke, Harvard University

33. Economic Development II --Dover

Chair: Cheng Lyu, Nankai University
- **The Appalachian Regional County-level Coal Industry Ecosystem: A Supply Chain Analysis**  
  Randall W. Jackson, West Virginia University; Peter Jarosi, West Virginia University

- **Logistics and Regional Economic Growth: Evidence from China’s prefectures**  
  Cheng Lyu, Nankai University; Jean-Claude Thill, University of North Carolina - Charlotte

- **Planning for a Better Coal Logistics Network: A Case Study of Sumatra in Indonesia**  
  Marie Louis, University of Massachusetts Amherst; Xinlian Yu, University of Massachusetts - Amherst; Karl Allen, University of Massachusetts - Amherst; Dan Wellington, University of Massachusetts - Amherst

**Discussants:**
- Marie Louis, University of Massachusetts Amherst
- Randall W Jackson, West Virginia University
- Cheng Lyu, Nankai University

34. **UEA 02D China I -- English Bay**

**Chair:** Zhi Wang, Fudan University

- **Educational Choice, Rural-urban Migration and Economic Development**  
  Ping Wang, Washington University - St. Louis

- **E-Commerce Integration and Economic Development: Evidence from China**  
  Victor Couture, University of California - Berkeley; Benjamin Faber, University of California - Berkeley; Yizhen Gu, Jinan University; Lizhi Liu, Stanford University

- **The Mechanics of Local Growth: Evidence and Theory from a Large-Scale Skill Relocation Program**  
  Yue Charles Yuan, University of Chicago

- **School Attendance Boundary Discontinuities in Urban China**  
  Zhi Wang, Fudan University; Qinghua Zhang, Peking University; Xianhua Zai, Fudan University

**Discussants:**
- Victor Couture, University of California - Berkeley
- Yue Charles Yuan, University of Chicago
- Zhi Wang, Fudan University
- Ping Wang, Washington University - St. Louis

35. **UEA 02A Housing - Micro I -- Grouse**

**Chair:** Ismir Mulalic, Kraks Fond Institute for Urban Economic Research

- **Do Differences Deceive: The Case Of Foreclosure Externalities**  
  Anthony Marvin Yezer, George Washington University

- **History Dependence in the Housing Market**  
  Philippe Bracke, Bank of England

- **Estimating the House Price Elasticity of Brownfield Re-Development in English Cities**  
  Felipe Carozzi, London School of Economics

- **The Financial Crisis and Diverging House Prices: Evidence from the Copenhagen Metropolitan Area**  
  Ismir Mulalic, Kraks Fond - Institute for Urban Economic Research; Jan Rouwendal, Vrije Universiteit, Amsterdam; Holger Rasmussen, Kraks Fond - Institute for Urban Economic Research; Hans Henrik Woltmann,

**Discussants:**
- Philippe Bracke, Bank of England
• Felipe Carozzi, London School of Economics
• Ismir Mulalic, Kraks Fond Institute for Urban Economic Research
• Anthony Marvin Yezer, George Washington University

36. Session in Memory of Walter Isard – Kensington

• Cities as Climate Sustainability Champions – A 'Quattro' Dimension Analysis  Karima Kourtit, KTH Royal Institute of Technology, Stockholm; Peter Nijkamp, Tinbergen Institute; Soushi Suzuki, Hokkai-Gakuen University, Sapporo, Japan
• The Place of George Kingsley Zipf's Theory in Walter Isard's Work  Arthur Getis, San Diego State University
• Subjunctive Reasoning in Regional Analysis: A Continuation of some Preliminary Isardian Explorations  Kieran Donaghy, Cornell University

37. Entrepreneurship in Regional Science – Lord Byron

Chair: Felix Modrego, Rimisp - Latin American Center for Rural Development

• The Built Environment, Urban Amenities, and New Business Activity  Kevin Credit, Michigan State University; Elizabeth Mack, Michigan State University
• Agglomeration externalities and entrepreneurial activity in "rur-urban" Chile  Felix Modrego, Rimisp - Latin American Center for Rural Development; Chiara Cazzuffi, Rimisp -- Latin American Center for Rural Development
• Cultural Entrepreneurship in U.S. Cities  Shiqin Liu, Northeastern University; Haifeng Qian, University of Iowa

Discussants:
• Shiqin Liu, Northeastern University
• Kevin Credit, Michigan State University
• Felix Modrego, Rimisp - Latin American Center for Rural Development

38. Location Modeling and Spatial Analysis II – Oxford

Chair: Wangshu Mu, University of Arizona

• An Exact Iterative Set Covering Method for Solving the Discrete p-Center Problem  F. Antonio Medrano, UC Santa Barbara
• Choropleth Mapping with Uncertainty: A Maximum Likelihood based Classification Scheme  Wangshu Mu, University of Arizona; Daoqin Tong, University of Arizona
• The Bi-Directional Maximal Covering Shortest Path Problem  Timothy Niblett, UCSB; Rick Church, University Of California At Santa Barbara

Discussants:
• Timothy Niblett, UCSB
• F. Antonio Medrano, UC Santa Barbara
• Wangshu Mu, University of Arizona
39. Rural Development II --Prince of Wales

Chair: Paul D Gottlieb, Rutgers University

- **People mobility, spatial mismatch, and rural development**  Xue Zhang, Cornell University
- **Toward a Typology of Agricultural Industry Clusters in the United States**  Paul D Gottlieb, Rutgers University; Neil Reid, Univ. Of Toledo; Anil Hira, Simon Fraser University; Stephan Goetz, Pennsylvania State University
- **Are rural areas taking advantage of proximity to cities?**  Juan Soto, Rimisp -- Latin American Center for Rural Development; Milena Vargas, Rimisp -- Latin American Center for Rural Development; Julio Berdegué, Food and Agriculture Organization of the United Nations

Discussants:
- Juan Soto, Rimisp -- Latin American Center for Rural Development
- Xue Zhang, Cornell University
- Paul D Gottlieb, Rutgers University

40. The Regional Science Academy Special Session I --Regency F

41. Climate Effects and Disaster --Seymour

Chair: Suminori TOKUNAGA, Reitaku University

- **Impacts of Weather and Climate Disasters on Local Labor Markets**  Yong Chen, Oregon State University; Jianhong Mu, Texas A&M University
- **Impact of Climate Change on Regional Economies through Fluctuations in Rice Production in Japanese Depopulating Society**  Suminori TOKUNAGA, Reitaku University
- **Estimating the Economic Effects of Climate Change and Sea Level Rise: Synthesis of Methods Applied to Coastal California**  Fernando DePaolis, Middlebury Institute of International Studies

Discussants:
- Fernando DePaolis, Middlebury Institute of International Studies
- Yong Chen, Oregon State University
- Suminori TOKUNAGA, Reitaku University

42. UEA 02B Neighborhoods I --Stanley

Chair: Shawn M. Rohlin, Kent State University

- **The Equilibrium Effects of Housing Vouchers on Neighborhood Composition**  Morris Davis, Rutgers University; Jesse Gregory, University of Wisconsin - Madison; Daniel Hartley, Federal Reserve Bank of Chicago
- **Evidence on the Production of Cognitive Achievement from Moving to Opportunity**  Dionissi Aliprantis, Federal Reserve Bank of Cleveland
- **What Happens to the Losers of School Choice Lotteries?**  Andrew Bibler, University of Alaska - Anchorage; Stephen Billings, University of Colorado - Boulder
- **Do Spatially Targeted Redevelopment Incentives Work? The Answer Depends on How You Ask the Question**  Andrew Hanson, Marquette University; Shawn M. Rohlin, Kent State University
Discussants:
- Dionissi Aliprantis, Federal Reserve Bank of Cleveland
- Andrew Bibler, University of Alaska - Anchorage
- Shawn M. Rohlin, Kent State University
- Morris Davis, Rutgers University

43. Accessibility and Transport Disadvantage -- Cavendish

Chair: Jeremy Mattson, North Dakota State University

- Economic Research Needs Related to Transportation for the Rural Elderly and Disadvantaged  James Mjelde, Texas A&M University; Rebekka Dudensing, Texas A&M University
- Transport Inaccessibility as a Barrier to Participation: The Case of Toronto's Suburban Towers  Mischa Young, University of Toronto; Steven Farber, University of Toronto - Scarborough; Michael Widener, University of Toronto
- Exploring Transit’s Contribution to Livability in Rural Communities  Jeremy Mattson, North Dakota State University; Ranjit Godavarthy, North Dakota State University; Jonathan Brooks, Texas A&M University
- Measuring and comparing accessibility to jobs by public transport for individuals with physical disability in Montreal and Toronto, Canada  Emily Grisé, McGill University; Genevieve Boisjoly, McGill University; Meadhbh Maguire, McGill University; Ahmed El-Geneidy, McGill University

Discussants:
- Emily Grisé, McGill University
- James Mjelde, Texas A&M University
- Mischa Young, University of Toronto
- Jeremy Mattson, North Dakota State University

44. Regional and Rural Development I -- Tennyson

Chair: Jordan Navin, Colorado State University

- Effects of Severance Tax on Economic Activity: Evidence from the Oil Patch  Jason Brown, Federal Reserve Bank of Kansas City; Peter Maniloff, Colorado School of Mines; Dale Manning, Colorado State University
- Rural Development Implications of Foodie Culture: What factors drive food and beverage manufacturing firm dynamics?  Sarah Low, USDA Economic Research Service; Dawn McFadden, Colorado State University; Marcelo Castillo, USDA Economic Research Service
- Firm behavior under voluntary self-reporting: Evidence from the National Wildlife Strike Database  Jordan Navin, Colorado State University
- Information Spillovers, Employment Growth, and the Great Recession  Nicholas Kacher, Colorado State University; Stephan Weiler, Colorado State University; Michael Yeadon, Colorado State University

Discussants:
- Nicholas Kacher, Colorado State University
- Jason Brown, Federal Reserve Bank of Kansas City
- Sarah Low, USDA Economic Research Service
- Jordan Navin, Colorado State University

3:30 PM-4:00 PM
45. Coffee Break --*Regency Foyer*

4:00 PM-6:00 PM

46. Housing and Real Estate I --*Balmoral*

**Chair:** Weizeng Sun, Jinan University

- *Housing Tenure and Labor Market Self-Selection*  Edward Coulson, Penn State University; Walter D’Lima, University of Notre Dame
- *How Do Home Purchase Restrictions Affect Job Search of Elite Graduate Students in China?*  Weizeng Sun, Jinan University; Sisi Zhang, Jinan University; Siqi Zheng, MIT; Chengtao Lin, Tsinghua University
- *Exploring fluctuations in the impact of amenities on local housing and labor markets*  Timothy Jaquet, Ohio State University; Elena Irwin, Ohio State University; Nicholas Irwin, Ohio State University; Wangyang Lai, Ohio State University

**Discussants:**
- Timothy Jaquet, Ohio State University
- Edward Coulson, Penn State University
- Weizeng Sun, Jinan University

47. Innovation and Economic Growth --*Cavendish*

**Chair:** Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

- *Market Oriented Finance Reform, Spatial Spillover and Regional Innovation -Evidence from China*  Zhiqiang Zhang, Institute of Urban and Regional economics, School of Economics, Nankai University
- *A Multilevel Analysis of Productivity of High-Tech Start-Ups in The Great Lakes Region*  Eva Lema, Central Michigan University; Leila Irajifar, Central Michigan University; Marcello Graziano, Central Michigan University
- *The impact of clusters on economic growth: The case of Mexico*  Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); Rodrigo Gonzalez-Vizuet, CIDE; Maria Fernanda Navarro, CIDE
- *Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth*  Amit Batabyal, Rochester Institute Of Technology; Seung Jick Yoo, Sookmyung Women’s University

**Discussants:**
- Amit Batabyal, Rochester Institute Of Technology
- Zhiqiang Zhang, Institute of Urban and Regional economics, School of Economics, Nankai University
- Eva Lema, Central Michigan University
- Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

48. Industrial Issues I --*Constable*

**Chair:** Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)
• The role of Mexico in the North American auto industry supply chain  Thomas Klier, Federal Reserve Bank of Chicago
• INSTITUTIONAL CHANGE AND LOCAL ENTREPRENEURSHIP - How does a change in the municipal government impact the local business climate?  Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN); Orsa Kekezi,; Johan Larsson, Jonkoping International Business School
• Refinery Location and Organizational Adjustments in the U.S. Biofuel Sector  Sharmistha Bagchi-Sen, SUNY-Buffalo; Peter Kedron, Oklahoma State University

Discussants:
• Sharmistha Bagchi-Sen, SUNY-Buffalo
• Thomas Klier, Federal Reserve Bank of Chicago
• Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)

49. UEA 03C Agglomeration I –Cypress

Chair: Boqian Jiang, Syracuse University

• Identifying Shopping Externality: Evidence from Location Lotteries of the Tokyo Fish Market  Kentaro Nakajima, Hitotsubashi University; Kensuke Teshima, Instituto Tecnológico Autonomo de Mexico
• Building Specialization, Anchor Tenants and Agglomeration Economies  Crocker Liu, Cornell University; Stuart Rosenthal, Syracuse University; William Strange, University of Toronto
• Agglomeration Economies: Looking Back and Thinking Ahead  Andrew Hart Busey, Boston University
• Separating Selection from Spillover Effects: Using the Mode to Estimate the Return to City Size  Boqian Jiang, Syracuse University; Hugo Jales, Syracuse University; Stuart Rosenthal, Syracuse University

Discussants:
• Stuart Rosenthal, Syracuse University
• Andrew Hart Busey, Boston University
• Boqian Jiang, Syracuse University
• Kentaro Nakajima, Hitotsubashi University

50. Location Modeling and Spatial Analysis III –Dover

Chair: Daniel Schleith, University of Cincinnati

• Tiebout v. Samuelson: what about fire protection?  Rick Church, University Of California At Santa Barbara
• Contextualizing Urban Form for the Largest Metro Regions in the U.S. using the Excessive Commuting Framework  Daniel Schleith, University of Cincinnati; Michael Widener, University of Toronto; Changjoo Kim, University of Cincinnati
• Spatial analytics for supporting location of sequential activities with social network data  Xin Feng, University of California, Santa Barbara

Discussants:
• Xin Feng, University of California, Santa Barbara
• Rick Church, University Of California At Santa Barbara
• Daniel Schleith, University of Cincinnati

51. Housing III –English Bay
Chair: Edward Kung, UCLA

- Do sharing economies change the cities: evidence from the rapid growth of Airbnb in the Copenhagen metropolitan area  

- The Geography of Craigslist Rental Housing Listings: An Exploratory Spatial Data Analysis  
  Andrew J. Greenlee, University of Illinois - Urbana-Champaign; Sergio Contreras, University of Illinois

- The Sharing Economy and Housing Affordability: Evidence from Airbnb  
  Edward Kung, UCLA; Kyle Barron, Massachusetts Institute of Technology

- Architecture Awards and Conspicuous Consumption of Housing  
  Wen-Chi Liao, National University of Singapore; Kecen Jing, National University of Singapore

Discussants:

- Wen-Chi Liao, National University of Singapore
- Aske Egsgaard, Kraks Institute for Urban Economic Research
- Andrew J Greenlee, University of Illinois - Urbana-Champaign
- Edward Kung, UCLA

52. UEA 03A Mortgages I --Grouse

Chair: Stephanie Moulton, Ohio State University

- Breaking Down Mortgage Losses: Loss on Sale and Holding Costs from the Default Timeline  
  Anthony Pennington-Cross, Marquette University; Ben Le

- What are the Roles of Mortgages in Retirement?  
  Erik Anders Hembre, University of Illinois - Chicago; Carly Urban, Montana State University; Michael Collins, University of Wisconsin - Madison

- The Effects of Mortgage Credit Availability: Evidence from Minimum Credit Score Lending Rules  
  Steven Laufer, Board of Governors of the FRS; Andrew Paciorek, Board of Governors of the FRS

- How Home Equity Extraction and Reverse Mortgages Affect the Credit Outcomes of Senior Households  
  Stephanie Moulton, Ohio State University; Donald Haurin, Ohio State University; Samuel Dodini, Cornell University; Maximillian Schmeiser, Amazon

Discussants:

- Erik Anders Hembre, University of Illinois - Chicago
- Andrew Paciorek, Board of Governors of the FRS
- Stephanie Moulton, Ohio State University
- Anthony Pennington-Cross, Marquette University

53. Economic Development III --Kensington

Chair: Pietro Pizzuto, University of Palermo

- Social Entrepreneurship and Regional Economic Development: Focusing on Government-driven Social Enterprises in South Korea  
  Soogwan Doh, Catholic University of Daegu; Duckhee Jang, Korea Institute of Ocean Science & Technology; Hans Westlund, KTH Royal Institute of Technology
• *Regional Strategizing In Russia: Legacies, Practice, Challenges*  Ksenia Budaeva, Institute for Public Finance Reform
• *Growth of GRP and growth of assets in resource rich regions. Lessons from the cures of resources in Scandinavia*  Lars Westin, Umeå University
• *Is The Great Recession Jeopardizing The European Convergence Process?*  Pietro Pizzuto, University of Palermo; Fabio Mazzola, University of Palermo
• *Did the Great Recession Shift the Regional Beveridge Curve in the US: Evidence from New England*  Andrew Crawley, University of Maine; Sarah Welsh, University of Maine

**Discussants:**
• Andrew Crawley, University of Maine
• Soogwan Doh, Catholic University of Daegu
• Ksenia Budaeva, Institute for Public Finance Reform
• Lars Westin, Umeå University
• Pietro Pizzuto, University of Palermo

54. **Externalities, Income and Inequality --Lord Byron**

**Chair:** Benedikt Fritz, Zeppelin University

• *Spatial Income Inequality, Spatial Frictions, and Endogenous Occupational Choice*  Akira Sasahara, University of Idaho
• *Regional Economic Complexity and its Effect on Growth and Inequality in the US -- More than just Population Size*  Benedikt Fritz, Zeppelin University; Robert Manduca, Harvard University
• *Where Do the Rich Live in a Big City?*  Takatoshi Tabuchi, University of Tokyo

**Discussants:**
• Takatoshi Tabuchi, University of Tokyo
• Akira Sasahara, University of Idaho
• Benedikt Fritz, Zeppelin University

55. **Economic Forces of Migration --Oxford**

**Chair:** Cristina Miller, USDA Economic Research Service

• *Individual and local determinants of the trickle down effect on brazilian medical migration*  Suzana Quinet Bastos, Federal University of Juiz de Fora; Bruno Silva Gomes, Federal Univesity of Juiz de Fora; Eduardo Almeida, Federal University of Juiz de Fora
• *Changes in Poverty Measurements and Forced Migration: The Case of Colombia*  Juan Sayago-Gomez, West Virginia University
• *Rural Hospital Closure Effects on Outmigration*  Cristina Miller, USDA Economic Research Service; Yizhou Zhang, University of Illinois - Urbana-Champaign
• *The progress of the radical right: the urban -- rural division in Sweden*  Jonna Rickardsson, Jonkoping International Business School

**Discussants:**
• Jonna Rickardsson, Jonkoping International Business School
• Suzana Quinet Bastos, Federal University of Juiz de Fora
• Juan Sayago-Gomez, West Virginia University
• Cristina Miller, USDA Economic Research Service

56. Input-Output Methods II --Prince of Wales

Chair: Yuko Akune, Reitaku University

• Trade-Based Index of Water Intensity: An Application to Morocco  Eduardo Haddad, FEA-USP; Abdelaziz Ait-Alli, OCP Policy Center; Vinicius Vale, Federal University of Juiz de Fora (UFJF)
• Inter-Regional Input Output (IRIO) Analysis and Machine Learning on Environmental Datasets: Assessing the impact of F. moluccana (Albizia) on Hawaii’s economy  Jason Levy, University of Hawaii - Manoa; Patrick Buckley, Western Washington University; Qian Zhang, University of Hawaii - Manoa; Qi Chen, University of Hawaii - Manoa
• Costs of Excess PM2.5 and O3 Pollution in China: A Province Level Analysis  Kyung-Min Nam, The University of Hong Kong; Xu Zhang, Tsinghua University
• Spatial and Sectoral Linkages of the regional food system in Japan  Yuko Akune, Reitaku University
• Comparison of Multiregional and Intraregional Sectoral and Spatial Backward Linkages in Hawaii’s Economy  Patrick Buckley, Western Washington University; Jason Levy, University of Hawaii - Manoa

Discussants:
• Patrick Buckley, Western Washington University
• Eduardo Haddad, FEA-USP
• Jason Levy, University of Hawaii - Manoa
• Kyung-Min Nam, The University of Hong Kong
• Yuko Akune, Reitaku University

57. The Regional Science Academy Special Session II --Regency F

58. UEA 03B Migration, Public Policy and Growth I --Stanley

Chair: Tobias Seidel, University of Duisburg-Essen

• Tax-induced Mobility: Evidence from a Foreigners’ Tax Scheme in Switzerland  Kurt Schmidheiny, University of Basel; Michaela Slotwinski, University of Basel
• Do Rewards Work? Evidence from the Randomization of Public Works  Paul Carillo, George Washington University; Carlos Scartascini, Inter-American Development Bank; Edgar Orlando Castro Mendez, George Mason University
• The Welfare Effects of Greenbelt Policies: Evidence from England  Hans R.A. Koster, Vrije Universiteit Amsterdam; Mohammad Saeed Zabihiidan, Razi University of Kermanshah
• Market access matters even more: Revisiting the costs of remoteness  Maximilian von Ehrlich, University of Bern; Tobias Seidel, University of Duisburg-Essen; Tobias Seidel, University of Duisburg-Essen

Discussants:
• Paul Carillo, George Washington University
• Hans R.A. Koster, Vrije Universiteit Amsterdam
• Tobias Seidel, University of Duisburg-Essen
• Kurt Schmidheiny, University of Basel

59. Housing and Real Estate II --Tennyson
Chair: Elena Irwin, Ohio State University

- *The Privilege of Power and Wealth: Evidence from China’s Urban Land Market*  
  Yang Yang, National University of Singapore; Long Wang, National University of Singapore
- *The spatial effects of the housing boom and Great Recession on residential land consumption and housing markets in the U.S.*  
  Elena Irwin, Ohio State University; Nicholas Irwin, Ohio State University; Wangyang Lai, Ohio State University
- *The housing supply elasticity and the cost of agglomeration*  
  Guillaume Chapelle, Sciences Po Paris

Discussants:
- Guillaume Chapelle, Sciences Po Paris
- Yang (Zoe) Yang, National University of Singapore
- Elena Irwin, Ohio State University

60. Regional and Rural Development II --Seymour

Chair: Jacob Moore, Colorado State University

- *Rural Migration and Entrepreneurship*  
  Steven Deller, University of Wisconsin-Madison; Tessa Conroy, University of Wisconsin - Madison; Matthew Kures, University of Wisconsin - Madison
- *Do As I Do: An Application of Discrete Choice With Social Interactions to Entrepreneurship*  
  Stephan Weiler, Colorado State University; Tessa Conroy, University of Wisconsin - Madison
- *The New Gig: The Impact of Non-employer Establishments on Future Employment and Non-employer Establishments*  
  Jacob Moore, Colorado State University; Stephan Weiler, Colorado State University
- *Exploring the Sectoral Specificity of Information Spillovers from Entrepreneurship*  
  Nicholas Kacher, Colorado State University; Stephan Weiler, Colorado State University

Discussants:
- Nicholas Kacher, Colorado State University
- Steven Deller, University of Wisconsin-Madison
- Stephan Weiler, Colorado State University
- Jacob Moore, Colorado State University

4:30 PM-5:30 PM

61. RSAI Long Range Planning Cmte. Mtg. (Invitation Only) --Plaza C

6:30 PM-8:00 PM

62. Evening Reception --Seymour/Grouse

Friday, 10 November
7:30 AM-8:00 PM

63. Registration --Regency Foyer

8:00 AM-10:00 AM
64. Climate change and environmental regional science I --Balmoral

Chair: KUN WANG, University of British Columbia

- Marginal Effects of Overlapping Protected Areas: Evidence from the Sierra Nevada de Santa Marta, Colombia  
  Javier Perez, Banco de la Republica (The Central Bank of Colombia); Ivan Higuera, banco de la Republica (The Central Bank of Colombia); Leonardo Bonilla, Banco de la Republica (The Central Bank of Colombia)

- Disaster Adaptation Investments with Inter- and Intra-port Competition and Cooperation  KUN WANG, University of British Columbia; Anming Zhang, University of British Columbia

- Community Resiliency and Interdependent Systems Using a Survey of Experts  
  Ann-Margaret Esnard, Georgia State University; Alberto Lamadrid, Lehigh University; Diana Mitsova, Florida Atlantic University; Alka Sapat, Florida Atlantic University

Discussants:
- Ann-Margaret Esnard, Georgia State University
- Javier Perez, Banco de la Republica (The Central Bank of Colombia)
- KUN WANG, University of British Columbia

65. Ethnic Minorities, Discrimination and Segregation --Cavendish

Chair: Cheng Cheng, University of Mississippi

- The Demographic Aging of Suburbs  
  Peter Rogerson, University at Buffalo

- "The Geography of Discrimination: An Interdepartmental Analysis of Traffic Stops using Surface Visibility"  
  Matthew Ross, Ohio State University; Stephen Ross, University of Connecticut; Jesse Kalinowski, University of Connecticut

- The Effects of Publicized Police Violence on Policing, Trust and Crime: Evidence from the Ferguson Shooting  
  Cheng Cheng, University of Mississippi; Wei Long, Tulane University

- The Fracking Impact on Road Deaths: Evidence from Oil and Gas Operations in North Dakota  
  Minhong Xu, University of Illinois Urbana-Champaign; Yilan Xu, University of Illinois - Urbana-Champaign

Discussants:
- Minhong Xu, University of Illinois Urbana-Champaign
- Peter Rogerson, University at Buffalo
- Matthew Ross, Ohio State University
- Cheng Cheng, University of Mississippi

66. Migration of Skilled Labor --Constable

Chair: Anja Rossen,

- High-Skilled Immigration and the Skill Composition of Native Workers  
  Daniel Crown, The Ohio State University; Alessandra Faggian, Gran Sasso Science Institute; Jonathan Corcoran, University of Queensland

- Graduate migration in Germany -- new evidence from an event history analysis  
  Anja Rossen,; Annekatrin Niebuhr, Institute of Employment Research (IAB); Anne Otto, IAB Institute for Employment Research; Christian Teichert, University of Hannover
Which Chinese Cities Are More Inclusive, and Why?  Wanyang Hu, UCLA; Rui Wang, University of California - Los Angeles

Discussants:
- Wanyang Hu, UCLA
- Daniel Crown, The Ohio State University
- Anja Rossen

67. UEA 04C Advances in Data and Econometrics I --Cypress

Chair: Shulin Shen, Syracuse University

- Measuring Aggregate Housing Wealth: New Insights from an Automated Valuation Model  Joshua Gallin, Federal Reserve Board of Governors; Raven Molloy, Federal Reserve Board of Governors; Eric Nielsen, Federal Reserve Board of Governors; Paul Smith, Federal Reserve Board of Governors; Kamila Sommer, Federal Reserve Board of Governors
- What’s Lost in the Aggregate: Lessons from a Dynamic, Local Index of Housing Supply  Anthony W. Orlando, University of Southern California; Christian L. Redfearn, University of Southern California
- National and Regional Housing Vacancy: Insights Using Markov-Switching Models  Jeffrey P. Cohen, University of Connecticut; Cletus Coughlin, Federal Reserve Bank of St. Louis; Jonas Crews, Federal Reserve Bank of St. Louis
- Unobserved Demand Shocks and Housing Market Dynamics in a Model with Spatial Variation in the Elasticity of Supply  Badi H. Baltagi, Syracuse University; Stuart Rosenthal, Syracuse University; Shulin Shen, Syracuse University

Discussants:
- Anthony W. Orlando, University of Southern California
- Cletus Coughlin, Federal Reserve Bank of St. Louis
- Shulin Shen, Syracuse University
- Raven Molloy, Federal Reserve Board of Governors

68. Spatial Econometrics --Dover

Chair: WEI KANG, Arizona State University

- Spillover effects in spatial models: Generalizations and extensions  Gianfranco Piras, CUA; Harry Kelejian, University of Maryland
- Regional Income Mobility measures and Spatial Dependence  WEI KANG, Arizona State University; Sergio Rey, University of California - Riverside
- Testing the Significance of Impact Measures in Spatial Econometric Models  Giuseppe Arbia, Universita della svizzera italiana; Anil Bera, University of Illinois - Urbana-Champaign; Osman Dogan, University of Illinois - Urbana-Champaign

Discussants:
- Giuseppe Arbia, Universita della svizzera italiana
- Gianfranco Piras, CUA
- WEI KANG, Arizona State University

69. Spatial Statistics --English Bay
Chair: Gene Burinskiy, University of Southern California

- **Using Administrative Spatial Micro-data to Predict Teardown: A Land Use Approach for a Metropolitan Area** Sarah Desaulniers, Université Laval; Jean Dubé, Laval University; Antoine Binette, Laval University; Louis-Philippe Bédard, Laval University; Emmanuelle Leblanc, Laval University
- **Predicting Commercial Gentrification: Applications of Machine Learning to Yelp Data in San Diego** Gene Burinskiy, University of Southern California
- **Exploring the Effects of an Economic Recession on Accessibility to Jobs in Indiana** Davis Chacon-Hurtado, Purdue University; Indraneel Kumar, Purdue University; Nadia Gkritza, Purdue University; Jon D. Fricker, Purdue University

Discussants:
- Davis Chacon-Hurtado, Purdue University
- Sarah Desaulniers, Université Laval
- Gene Burinskiy, University of Southern California

70. UEA 04A Housing Supply I -- Grouse

Chair: Jenny Schuetz, Federal Reserve Board of Governors

- **The political economy of housing supply - evidence from Australian cities** Samantha Myers, New York University Abu Dhabi
- **Concentration and market cycles in the production of new housing** Jacob Neal Cosman, Johns Hopkins University; Luis E. Quintero, Johns Hopkins University
- **Housing supply elasticity and growth: Evidence from Italian cities** Antonio Accetturo, Bank of Italy; Andrea R. Lamorgese, Bank of Italy; Sauro Mocetti, Bank of Italy; Dario Pellegrino, Bank of Italy
- **Teardowns, Popups and Bump-outs: How does housing supply change?** Jenny Schuetz, Federal Reserve Board of Governors

Discussants:
- Jacob Neal Cosman, Johns Hopkins University
- Andrea R. Lamorgese, Bank of Italy
- Jenny Schuetz, Federal Reserve Board of Governors
- Samantha Myers, New York University Abu Dhabi

71. Housing IV -- Kensington

Chair: Mark van Duijn, University of Groningen

- **Predictive Modeling of Surveyed Property Conditions and Vacancy** Stephan Whitaker, Federal Reserve Bank of Cleveland; Hal Martin, Federal Reserve Bank of Cleveland; Francisca G.-C. Richter, Case Western Reserve University; Isaac Oduro, Case Western Reserve University; Eamon Johnson, Case Western Reserve University; April Urban, Case Western Reserve University
- **Legacies of Lead -- Estimating Homebuyer Response to Lead Exposure** Nicholas Irwin, Ohio State University
- **Heterogeneous effects of the decrease in property transfer taxes on housing market segments in the Netherlands** Mark van Duijn, University of Groningen
• What contributes to the rising house price in Beijing?: a decomposition approach  Lei Zhang, North Dakota State University; Yimin Yi, Syracuse University

Discussants:
• Lei Zhang, North Dakota State University
• Stephan Whitaker, Federal Reserve Bank of Cleveland
• Nicholas Irwin, Ohio State University
• Mark van Duijn, University of Groningen

72. Cities in Developing Countries I  --Lord Byron

Chair: Luis E Quintero, Johns Hopkins University

• The Impact of Urbanization on Energy Consumption in the Global South. Evidence across Countries, Cities and Neighborhoods.  Peter Mulder, Free University, Amsterdam; Satya Fevriera, Satya Wacana Christian University, Salatiga, Indonesia; Gilberto Mahumane, Eduardo Mondlane University, Maputo, Mozambique; Joep Tijm, Free University, Amsterdam
• Market Size, Competition, and Firm Productivity for Manufacturing in China  Chengri Ding, University of Maryland - College Park; Yi Niu, Capital University of Economics and Business
• Explaining Spatial Variations in Productivity: Evidence from 16 LAC Countries  Luis E. Quintero, Johns Hopkins University; Mark Roberts, World Bank
• Landlocked Countries and Transportation Challenges: Impact of Transportation on Economic Growth of Afghanistan  Mohammad Masoud Azimi, Technical University Berlin

Discussants:
• Mohammad Masoud Azimi, Technical University Berlin
• Peter Mulder, Free University, Amsterdam
• Chengri Ding, University of Maryland - College Park
• Luis E Quintero, Johns Hopkins University

73. Transportation and Congestion  --Oxford

Chair: Daniel Brent, Louisiana State University

• Congestion Externality and Autonomous Vehicles.  Federico Boffa, Free University of Bolzano; Alessandro Fedele, Free University of Bolzano; Alberto Iozzi, University of Rome Tor Vergata
• Empirical problems with the bottleneck model  Jonathan Hall, University of Toronto
• Traffic and the Provision of Public Goods  Daniel Brent, Louisiana State University; Louis-Philippe Beland, Louisiana State University

Discussants:
• Stuart A Gabriel, UCLA
• Federico Boffa, Free University of Bolzano
• Jonathan Hall, University of Toronto
• Daniel Brent, Louisiana State University

74. Crime  --Prince of Wales

Chair: Eduardo Almeida, Federal University of Juiz de Fora
• *Crime, unemployment, and vacancy in Baltimore City*  Qiong Peng, University of Maryland

• *Impact Assessment of Municipal Guard on Crime in Brazil*  Eduardo Almeida, Federal University of Juiz de Fora; Tauã Vital, Federal University of Juiz de Fora

• *Naloxone access law and opioid overdose in the U.S.*  Elham Erfanian; Alan Collins, West Virginia University; Daniel Grossman Grossman, West Virginia University

**Discussants:**
- elham erfanian,
- Qiong Peng, University of Maryland
- Eduardo Almeida, Federal University of Juiz de Fora

75. **RSAI Council Meeting (Invitation Only)** --*Plaza C*

76. **GeoComputation 1: Land Use Applications** --*Regency F*

**Chair:** YU HUANG, UNIVERSITY OF WATERLOO

- *Towards a time-dynamic 2D / 3D web mapping platform adapted to citizen participation.*  Frederick Lafrance, Laval University; Sylvie Daniel, Laval University; Sehl Mellouli, Laval University

- *A Combinatorial Approach to Quantify the Effects of Thematic and Spatial Resolution on the Classification of Land Use*  Alexander Smith, University of Waterloo; Derek Robinson, University of Waterloo

- *Interpreting and Modelling the Housing Market from Individual Behaviours*  YU HUANG, UNIVERSITY OF WATERLOO; Dawn Parker, University of Waterloo

- *A GIS Model for Planning and Evaluating the Integration of Unmanned Aerial Systems into Logistic Transportation Networks using Remote Pilot Control Stations*  Michael Resig, George Mason University

**Discussants:**
- Michael Resig, George Mason University
- Frederick Lafrance, Laval University
- Alexander Smith, University of Waterloo
- YU HUANG, UNIVERSITY OF WATERLOO

77. **UEA 04B Neighborhoods II** --*Stanley*

**Chair:** Matz Dahlberg, Uppsala University

- *Immigrant Location and Native Residential Preferences: Emerging Guettos or New Communities?*  Albert Saiz, Massachusetts Institute of Technology

- *Moving Mountains: Geography, Neighborhood Sorting, and Spatial Income Segregation*  Yifan Ye, Boston University; Charles Becker, Duke University

- *The Effect of Decentralized Racial Preferences*  Peter Blair, Clemson University; Patrick Bayer,; Yifan Ye, Boston University

- *Migrating Natives and Foreign Immigration*  Matz Dahlberg, Uppsala University

**Discussants:**
- Yifan Ye, Boston University
- Peter Blair, Clemson University
• Matz Dahlberg, Uppsala University
• Albert Saiz, Massachusetts Institute of Technology

78. Transportation Network Modeling -- Tennyson
Chair: Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada

• Estimating local road network connectivity at high resolution for all roads on planet Earth Chris Barrington-Leigh, McGill University; Adam Millard-Ball, University of California - Santa Cruz
• Exploring the use of time-varying graphs for modelling transit networks Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada; Emerson Cavalheri, University of New Brunswick; Monica Wachowicz, University of New Brunswick
• Let's go to the polls, optimally: Spatial optimization for polling place siting Levon Mikaelian, Florida State University

Discussants:
• Levon Mikaelian, Florida State University
• Chris Barrington-Leigh, McGill University
• Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada

79. Discussion Panel - Disasters Field: 25 Years of Regional Science Contribution and Imperatives for Future Research -- Regency D
Organizer: Adam Rose, University of Southern California
Chair: Adam Rose, University of Southern California
Panelists: Yasuhide Okuyama, The University of Kitakyushu; Stephanie E. Chang, University of British Columbia; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign; Adam Rose, University of Southern California
Discussant:
• Adam Rose, University of Southern California

80. Regional and Rural Development III -- Seymour
Chair: Tim Komarek, Old Dominion University

• The Decline of Local Banking in the United States Luke Petach, Colorado State University
• Tax Incentive and Job Creation in Underserved Neighborhoods: Evidence from New Market Tax Credit Program (NMTC) Anil Rupasingha, USDA Economic Research Service; Alexander Marre, USDA Economic Research Service
• Post-Recession Changes in the US Housing Market Devin Bunten, Federal Reserve Board of Governors
• Local Spending Multipliers and Government Spending: Metro Area Evidence from the Sequester Tim Komarek, Old Dominion University; Gary Wagner, Federal Reserve Bank of Cleveland
• Rural Development Theories: A Matter of Aggregation Peter V. Schaeffer, West Virginia University; Randall W. Jackson, West Virginia University

Discussants:
• Peter V Schaeffer, West Virginia University
• Luke Petach, Colorado State University
• Anil Rupasingha, USDA Economic Research Service
• Devin Bunten, Federal Reserve Board of Governors
• Tim Komarek, Old Dominion University
10:00 AM-10:30 AM

81. Coffee Break --*Regency Foyer*

10:00 AM-11:30 AM

82. RSPP Editorial Board Meeting (Invitation Only) --*Plaza C*

83. Special Session: Regional Science in the Past: What Can Archives Tell Us? --*Regency F*

**Organizer:** Peter Batey, University of Liverpool

**Discussant:**
  - Peter Batey, University of Liverpool

10:30 AM-12:30 PM

84. Economics of Agriculture I --*Balmoral*

**Chair:** Cherry Kim, Seoul National University

- *Making Sense of the Dollars Spent at Farmers' Markets in the Vancouver Area*  
  Tracy Stobbe, Trinity Western University

- *Agricultural Trade Reform, Reallocation and Technical Change: Evidence from the Canadian Prairies*  
  Mark Brown, Statistics Canada; Shon Ferguson, Crina Viju, Carleton University

- *Analyzing Price Stabilization Effects of U.S. Sugar Programs: Pre- and Post-NAFTA Periods*  
  Cherry Kim, Seoul National University; Kwansoo Kim, Seoul National University

- *The Ricardian model of climate change impact meets the Ricardian model of trade*  
  Zhangliang Chen, University of Illinois - Urbana-Champaign; Sandy Dall Erba, University of Illinois

**Discussants:**
  - Zhangliang Chen, University of Illinois - Urbana-Champaign
  - Tracy Stobbe, Trinity Western University
  - Mark Brown, Statistics Canada
  - Cherry Kim, Seoul National University

85. Investment I --*Cavendish*

**Chair:** Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

- *Inward FDI and Regional Performance in Europe after the Crisis*  
  Riccardo Crescenzi, London School of Economics; Roberto Ganau, London School of Economics

- *Analyzing Potential Trade-offs of Regional Funds in Brazil*  
  Eduardo Haddad, FEA-USP

- *Regional patterns and determinants of FDI in Mexico: a panel data approach*  
  Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas; Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro; Miriam Valdes Ibarra, Universidad Autonoma de Coahuila

- *Multinational enterprises, cognitive relatedness and employment in European regions*  
  Nicola Cortinovis, Erasmus University Rotterdam; Riccardo Crescenzi, London School of Economics; Frank van Oort, Erasmus University Rotterdam
Discussants:
- Nicola Cortinovis, Erasmus University Rotterdam
- Riccardo Crescenzi, London School of Economics
- Eduardo Haddad, FEA-USP
- Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

86. Environmental Issues I -- Constable

Chair: Katsuhiro Sakurai, Rissho University

- **A Study on the Benefit of Leisure Sports Facilities and the Influence of Physical and Mental Health base on the view of Healthy City**  Chien-Wen Lo, Ming Chuan University;x; Chia-Nung Li, Chinese Culture University; Tsu-Hsin Hsu, Department of Tourism, Ming Chuan University
- **Modelling urban sustainability to aid policy development: the example of Aveiro Coastal Lagoon Region**  Tanya C.J. Esteves, Aveiro University; Eric Vaz, Ryerson University; Fátima Lopes Alves, Aveiro University
- **The Simulation Model of the Environment-economic Policy Evaluation Based on the Catchment Area**  Katsuhiro Sakurai, Rissho University; Hiroyuki SHIBUSAWA, Toyohashi University of Technology
- **Risk Avoidance and Environmental Hazards: Effects of the Transboundary Haze Pollution in Singapore**  Yang Yang, National University of Singapore; Sumit Agarwal, Georgetown University; Tien Foo Sing, National University of Singapore

Discussants:
- Yang (Zoe) Yang, National University of Singapore
- Chien-Wen Lo, Ming Chuan University,
- Tanya C.J. Esteves, Aveiro University
- Katsuhiro Sakurai, Rissho University

87. UEA 05C Crime I -- Cypress

Chair: Emily Weisburst, University of Texas - Austin

- **Not in My Backyard? Not so Fast. The Effect of Marijuana Legalization on Neighborhood Crime**  Jeffrey Brinkman, Federal Reserve Bank of Philadelphia; David Mok-Lamme,
- **The impact on urban crime of regulating cannabis social clubs: evidence from a natural experiment**  Daniel Montolio, University of Barcelona; Xavier Tibau, University of Barcelona
- **Why Corruption Matters: A Systematic Analysis from Global Commercial Real Estate Transactions**  Tien Foo Sing, National University of Singapore; Long Wang, National University of Singapore
- **How much do individual police officers matter? An analysis of police influence on arrests using responses to calls for service**  Emily Weisburst, University of Texas - Austin

Discussants:
- Daniel Montolio, University of Barcelona
- Long Wang, National University of Singapore
- Emily Weisburst, University of Texas - Austin
- Jeffrey Brinkman, Federal Reserve Bank of Philadelphia

88. Cities in Developing Countries II -- Dover
Chair: Oualid Moussouni, University of Quebec - Montreal

- *Ethnic segregation and residential location choice in Cape Town* Tatjana Ibraimovic, University of Leeds
- *Income segregation in monocentric and polycentric cities: Does urban form really matter?* Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona; Ana I. Moreno-Monroy, Autonomous University of Barcelona - CREIP
- *Continuous measures of segregation: A distance-based approach* Oualid Moussouni, University of Quebec - Montreal; Kristian Behrens, University of Quebec - Montreal
- *The Spatial Misallocation of Capital and Labor in China: A Welfare Analysis Based on Urban Accounting* Shangming Yang, National University of Singapore; Yuming Fu, National University of Singapore; Yi Lu, National University of Singapore

**Discussants:**
- Shangming Yang, National University of Singapore
- Tatjana Ibraimovic, University of Leeds
- Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona
- Oualid Moussouni, University of Quebec - Montreal

89. UEA 05D Migration, Public Policy and Growth II --*English Bay*

Chair: Yasuhiro Sato, University of Tokyo

- *Tax-Induced Household Mobility: Evidence from Intra-City Income Tax Variation* Marcus Roller, University of Bern; Kurt Schmidheiny, University of Basel
- *Fast Locations and Slowing Labor Mobility* Kyle Mangum, Georgia State University; Patricke Coate, American Institute for Economic Research
- *Identifying the Effects of Place-Based Policies - Causal Evidence from Germany* Matthias Brachert, Halle Institute for Economic Research
- *Demographics, immigration, and market size* Koichi Fukumura, Osaka University; Kohei Nagamachi, Kagawa University; Yasuhiro Sato, University of Tokyo; Kazuhiro Yamamoto, Osaka University

**Discussants:**
- Kyle Mangum, Georgia State University
- Matthias Brachert, Halle Institute for Economic Research
- Yasuhiro Sato, University of Tokyo
- Marcus Roller, University of Bern

90. UEA 05A Housing - Micro II --*Grouse*

Chair: Christopher M. Clapp, Florida State University

- *Agent Intermediation and Racial Price Differentials* Adam Nowak, West Virginia University; Patrick Smith, San Diego State University
- *Housing Wealth, Bequests, and the Elderly* Nadia Greenhalgh-Stanley, Kent State University; Curtis L. Reynolds, Kent State University
- *Do Homebuyers Pay a Premium for "Best Places to Live" Cities?* Hayoung Kim, London School of Economics
• **The Effects of the BP Deepwater Horizon Oil Spill on Housing Markets**  
  Javier Cano-Urbina, Florida State University; Christopher M. Clapp, Florida State University; Kevin Willardsen, Florida State University

**Discussants:**
• Nadia Greenhalgh-Stanley, Kent State University
• Hayoung Kim, London School of Economics
• Christopher M. Clapp, Florida State University
• Patrick Smith, San Diego State University

91. **Housing V --Kensington**

**Chair:**  
Jae-Wan Ahn, Ohio State University

• **The Impact of Home Ownership on Life Satisfaction in Urban China: A Propensity Score Matching Analysis**  
  Honghao Ren, Northwestern Polytechnical University; Henk Folmer, University of Groningen; Arno van der Vlist, University of Groningen
• **Spatial Variation in Housing Market Bust and Recovery Responses: Are Urban Areas More Resilient?**  
  Jae-Wan Ahn, Ohio State University; Elena Irwin, Ohio State University
• **Ellis Act Evictions in San Francisco: ‘absolute’ and ‘relative’ clustering**  
  Matthew Lehnert, University of Toledo; Seth Williams, University of California - Irvine

**Discussants:**
• Matthew Lehnert, University of Toledo
• Honghao Ren, Northwestern Polytechnical University
• Jae-Wan Ahn, Ohio State University

92. **Economic Development IV --Oxford**

**Chair:**  
Susanne Frick, London School of Economics

• **Effects of Regional Unemployment on Wages in Vietnam**  
  Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Van Phan thi Hong, Institute of Employment Research (IAB)
• **A Simultaneous Model of Youth Entrepreneurship and Financial Inclusion Across Developing Countries**  
  Angela Lyons, University of Illinois - Urbana-Champaign; Sergio Contreras, University of Illinois
• **Special Economic Zones in emerging countries: What makes them tick?**  
  Susanne Frick, London School of Economics; Andrés Rodriguez-Pose, London School of Economics
• **Achieving growth through the ballot box: The politics of Turkey’s local economic development**  
  Davide Luca, Gran Sasso Science Institute, L’Aquila, Italy

**Discussants:**
• Davide Luca, Gran Sasso Science Institute, L’Aquila, Italy
• Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung
• Angela Lyons, University of Illinois - Urbana-Champaign
• Susanne Frick, London School of Economics

93. **Industrial Issues II --Prince of Wales**

**Chair:**  
Basile Pfeiffer, CIRED
- Artists, Engineers, and Aspects of Economic Growth in a Creative Region  
  Amit Batabyal, Rochester Institute Of Technology; Hamid Beladi, University of Texas - San Antonio
- Positive density gradients in the standard monocentric model  
  Basile Pfeiffer, CIRED; Harris Selod, World Bank; Vincent Viguie, Ecole des Ponts ParisTech
- Expected dynamic trajectories of population distribution in a monocentric city  
  Justin Delloye, Université catholique de Louvain; Dominique Peeters, Université catholique de Louvain; Joe Tharakan, Université de Liège

Discussants:
- Justin Delloye, Université catholique de Louvain
- Amit Batabyal, Rochester Institute Of Technology
- Basile Pfeiffer, CIRED

94. Natural and Other Disasters 1: Advances in CGE modeling methods --Seymour

Chair: Adam Rose, USC

- Local Government Tax Policies in Natural Disaster Recovery: A Case Study for Shelby County, Tennessee under the Earthquake Struck Using CGE Modeling Techniques  
  Yuchen Hu, Colorado State University
- Modeling Spatial Commuting with CGE Analysis  
  Jeffrey Davis, Colorado State University
  Adam Rose, USC; Zhenhua Chen, The Ohio State University
- Integrating engineering and spatial CGE models to estimate the prompt and long-term economic impacts of the Joplin tornado  
  Martin Shields, Colorado State University; Harvey Cutler, Colorado State University

Discussants:
- Martin Shields, Colorado State University
- Yuchen Hu, Colorado State University
- Jeffrey Davis, Colorado State University
- Adam Rose, USC

95. UEA 05B Transportation II --Stanley

Chair: Stephan Heblich, University of Bristol

- How and how much do public transportation megaprojects induce urban agglomeration? The case of Grand Paris project  
  Alex Anas, State University of New York at Buffalo; Huibin Chang, University of International Business and Economics, Beijing, People's Republic of China.
- Accessibility and mobility in urban India  
  Prottoy Aman Akbar, University of Pittsburgh; Victor Couture, University of California - Berkeley; Ejaz Ghani, World Bank; Adam Storeygard, Tufts University; Gilles Duranton, University of Pennsylvania
- Commuting, Labor, and Housing Market Effects of Mass Transportation: Welfare and Identification  
  Christopher Severen, University of California - Santa Barbara
- Commuting Fast and Slow: The Effects of High Speed Rail  
  Stephan Heblich, University of Bristol; Helen Simpson, University of Bristol

Discussants:
- Gilles Duranton, University of Pennsylvania
- Christopher Severen, University of California, Santa Barbara
• Stephan Heblisch, University of Bristol
• Alex Anas, State University of New York at Buffalo

96. Climate change and environmental regional science II --Tennyson

Chair: Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.)

• Temporary Migration as a Coping Strategy Following Weather Shocks: Evidence from Rural India  Yong Kim, Purdue University; Brigitte Waldorf, Purdue University; Juan Sesmero, Purdue University
• The Spatial Structure of Endowments, Trade, and Inequality: Evidence from the Global Climate  Jonathan Dingel, University of Chicago; Solomon Hsiang, University of California - Berkeley; Kyle Meng, University of California - Santa Barbara
• A spatial analysis of climate change impact on pest and disease outbreaks of major crops and its economic impact  Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.); Seong-Hoon Cho, University of Tennessee; Gwan-Won Kim, Gyeongsang National University
• The Economic Impacts of Climate Change on Agriculture in Turkey  Aysun Aygün, Istanbul Technical University; Tuzin Baycan, Istanbul Technical University

Discussants:
• Aysun Aygün, Istanbul Technical University
• Yong Kim, Purdue University
• Jonathan Dingel, University of Chicago
• Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.)

97. Special Session: GeoComputation 2: Networks --Lord Byron

Chair: James Gaboardi, Florida State University

• Network agent-based approach for modeling regional patterns of forest insect infestation  Taylor Anderson, Simon Fraser University; Suzana Dragicevic, Simon Fraser University
• Multilevel analysis of neural network-driven spatial models  Minrui Zheng,; Wenwu Tang, University of North Carolina - Charlotte
• Connecting Points to Spatial Networks: Effects on Discrete Spatial Network Optimization Models  James Gaboardi, Florida State University; Mark Horner, Florida State University; David Folch, Florida State University
• Regional Spatial Networks in GIS Education  Clio Andris, Penn State

Discussants:
• Clio Andris, Penn State
• Taylor Anderson, Simon Fraser University
• Minrui Zheng,
• James Gaboardi, Florida State University

98. Special Session: Natural and Other Disasters 2: Advances in resiliency and recovery methods --Regency D

Chair: Meri Davlasheridze, Texas A&M University Galveston Campus
• The road to recovery: Estimating the costs of psychological trauma after natural disasters on economic growth  Christopher Keyes, Colorado State University

• Modeling the resilience dividend: an approach for quantifying co-benefits of community resilience planning  Jennifer Helgeson, National Institute of Standards and Technology; Juan Fung, National Institute of Standards and Technology

• Extreme Weather, Public Housing, and the Role of Public Policy  Meri Davlasheridze, Texas A&M University Galveston Campus; Qing Miao, Rochester Institute of Technology

• Community Resilience, Natural Disaster Risk, and Climate Change: A Spatio-Temporal Assessment of the U.S. Mississippi River Basin  Hyun Kim, University of Notre Dame

Discussants:
• Hyun Kim, University of Notre Dame
• Christopher Keyes, Colorado State University
• Jennifer Helgeson, National Institute of Standards and Technology
• Meri Davlasheridze, Texas A&M University Galveston Campus

12:00 PM-1:30 PM

99. Lunch (On your Own) --

12:30 PM-2:00 PM

100. SRSA Business Meeting (Invitation Only) --Plaza C

12:30 PM-2:30 PM

101. RSAI Fellows Luncheon (Invitation Only) --Regency F

1:30 PM-3:30 PM

102. Economics of Agriculture II --Balmoral

Chair: Steven Manson, University of Minnesota

• Territorial governance and proximity dynamics. The case of two public policy arrangements in the Brazilian Amazon  André Torre, INRA; Etienne Polge,

• Responses of livestock numbers to spatial gradients and temporal variation in rainfall and productivity: Lessons from the Gobi desert  Henrik von Wehrden, Leuphana University; John-Oliver Engler, Leuphana University of Lüneburg; Petra Kaczensky, Research Institute of Wildlife Ecology; Karsten Wesche, Senckenberg Museum of Natural History Görlitz

• Ecosocial Feedback for Multifunctional Agriculture as a Pathway to Land-Change Sustainability  Steven Manson, University of Minnesota

• Interjurisdictional Spatial Externalities in Groundwater Management  Louis Sears, Cornell University; David Lim, University of California - Davis; C.-Y. Cynthia Lin Lawell, Cornell University

Discussants:
• Louis Sears, Cornell University
• André Torre, INRA
• Henrik von Wehrden, Leuphana University
• Steven Manson, University of Minnesota

**103. Industrial Issues III -- Cavendish**

**Chair:** Paul Jung, University of North Carolina at Charlotte

- A model of Central Place City hierarchy  
  Li Yao, University of Colorado at Boulder
- Urban Hierarchy and Convergence of Global Cities  
  Paul Jung, University of North Carolina at Charlotte; Kyung-Min Kim, Seoul National University
- Economic growth and congestion - a new methodology for agglomeration elasticities  
  Csaba Poganyi, Imperial College London

**Discussants:**
- Csaba Poganyi, Imperial College London
- Li Yao, University of Colorado at Boulder
- Paul Jung, University of North Carolina at Charlotte

**104. Investment II -- Constable**

**Chair:** Luiz Carlos de Santana Ribeiro, UFS-BRAZIL

- The effects of local public financial compositions on long-run economic growth  
  Dylan Jong, University of Groningen; Philip McCann, University of Sheffield; Viktor Venhorst, University of Groningen
- Tax credit, firm investment and capital misallocation: Evidence from value-added tax reform in China  
  Hong Gao, Fudan University; Jianfeng Wu, Fudan University
- Structuring investment and regional inequalities in the Brazilian Northeast  
  Luiz Carlos de Santana Ribeiro, UFS-BRAZIL; Edson Paulo Domingues, Federal University of Minas Gerais; Fernando Salgueiro Perobelli, Federal University of Juiz de Fora; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign
- Big transport infrastructure investment and regional economic growth -- accessibility based approach  
  Bartlomiej Rokicki, University of Warsaw; Marcin Stepniak, Polish Academy of Sciences

**Discussants:**
- Bartlomiej Rokicki, University of Warsaw
- Dylan Jong, University of Groningen
- Hong Gao, Fudan University
- Luiz Carlos de Santana Ribeiro, UFS-BRAZIL

**105. UEA 06C Transportation III -- Cypress**

**Chair:** Stephen Gibbons, London School of Economics

- Transportation Networks and the Geographic Concentration of Employment  
  Dustin Frye, Vassar College
- The Dependence of Housing Prices on Public Transportation when Household Quit Driving  
  Kecen Jing, National University of Singapore; Wen-Chi Liao, National University of Singapore; Daniel McMillen, University of Illinois - Urbana-Champaign
- Measuring congestion costs of car commuters: A counterfactual approach  
  Jinwon Kim, California State University - Long Beach
• **THE SPATIAL IMPACTS OF A MASSIVE RAIL DISINVESTMENT PROGRAM: THE BEECHING AXE**  Stephen Gibbons, London School of Economics; Stephan Heblich, University of Bristol; Edward Pinchbeck, London School of Economics

**Discussants:**
- Kecen Jing, National University of Singapore
- Jinwon Kim, California State University - Long Beach
- Stephen Gibbons, London School of Economics
- Dustin Frye, Vassar College

**106. Transportation-Induced Economic and Neighborhood Dynamics --Dover**

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

- **Silicon Rail? Evaluating the Relationship between Rail Transit and High-Technology Business Creation in Five Regions**  Kevin Credit, Michigan State University
- **Estimating the Impact of Proximity to Highway on House Prices: An Approach based on a Spatial Matching Estimator**  Jean Dubé, Laval University; Yves-Bryand Yao, Laval University
- **Sustainability and Displacement: Assessing the Spatial Pattern of Residential Moves Near Rail Transit in Los Angeles County**  Marlon Boarnet, University of Southern California; Seva Rodnyansky, University of Southern California; Raphael Bostic, University of Southern California; Raul Santiago-Bartolomei, University of Southern California; Danielle Williams, University of Southern California; Allen Prohofsky, California Franchise Tax Board
- **The impact of Transit Oriented Development on gentrification and displacement**  John Cho, Southern California Association of Governments; Frank Wen, Southern California Association of Governments; Simon Choi, Chung-Ang University

**Discussants:**
- John Cho, Southern California Association of Governments
- Kevin Credit, Michigan State University
- Jean Dubé, Laval University
- Marlon Boarnet, University of Southern California

**107. UEA 06A Housing and Governments II --Grouse**

**Chair:** Tsur Somerville, University of British Columbia

- **Housing booms and busts and local fiscal policy**  Albert Sole-Olle, Universitat de Barcelona; Elisabet Viladecans-Marsal, Universitat de Barcelona
- **On the Adverse Consequences of Constraining Second Home Investments**  Christian A. L. Hilber, London School of Economics; Olivier Schoeni, University of Bern
- **Financing Risk and Information Bias in Housing Markets**  Lu Han, University of Toronto; Seung-Hyun Hong, University of Illinois - Urbana-Champaign
- **Trying to Slowdown a Freight Train: An Evaluation of Chinese Macro-Policies to Slow the Housing Market**  Tsur Somerville, University of British Columbia; Long Wang, National University of Singapore; Yang (Zoe) Yang, National University of Singapore

**Discussants:**
- Christian A. L. Hilber, London School of Economics
• Lu Han, University of Toronto
• Tsur Somerville, University of British Columbia
• Elisabet Viladecans-Marsal, Universitat de Barcelona

108. Resilience and Disaster — Kensington

Chair: Aysun Aygün, Istanbul Technical University

• Social Capital Structure Analysis for Earthquake waste management  KIYOMI KAWAMOTO, Toyo University
• Does Istanbul Environmental Plan Contribute to Urban Resilience?  Aysun Aygün, Istanbul Technical University; Ebru Kurt, Istanbul Technical University
• Resilience of Disaster Recovery under the State Capitalism - the Case of 2015 Explosion in the hinterland of Tianjin Port, Mainland China  Chi-Tung Hung, Ming Chuan University; Wen-Yen Lin, Ming Chuan University; Chen-Ji Jiang, Ming Chuan University

Discussants:
• Chi-Tung Hung, Ming Chuan University
• KIYOMI KAWAMOTO, Toyo University
• Aysun Aygün, Istanbul Technical University

109. Location Modeling I — Lord Byron

Chair: Masashi Miyagawa, University of Yamanashi

• An Analysis on the Duopoly Locations and Social Welfare in a Hotelling Market  Fu-Chuan Lai, Academia Sinica
• Bi-objective model for optimal number and size of circular facilities  Masashi Miyagawa, University of Yamanashi
• Is a Hierarchical System of Cities Stable in the Long Run? -In Search of a Simple and Robust Sorting Mechanism  Kiyoshi Yonemoto, Takasaki City University of Economics

Discussants:
• Kiyoshi Yonemoto, Takasaki City University of Economics
• Fu-Chuan Lai, Academia Sinica
• Masashi Miyagawa, University of Yamanashi

110. Economic Development V — Oxford

Chair: Maria Figueroa-Armijos, American University

• Knowledge-based service economy and firm entry: An alternative to the Knowledge Spillover Theory of Entrepreneurship  Alexandra Tsvetkova, Ohio State University
• Public Financing on Firm Survival and Performance: An examination of the manufacturing and knowledge intensive sectors in the United States  Maria Figueroa-Armijos, American University
• Local industrial cohesion and its effects on business dynamics of single-unit and multi-unit firms  Alexandra Tsvetkova, Ohio State University; Mark Partridge, Ohio State University
Discussants:  
- Alexandra Tsvetkova, Ohio State University  
- Alexandra Tsvetkova, Ohio State University  
- Maria Figueroa-Armijos, American University  

111. Environmental Issues II --Prince of Wales  
Chair: CHUN SONG, Purdue University  

- The Impact of Regional Environmental Amenity on Skill Aggregation across Regions: Evidence from Air Pollution in China  
  Seung-hun Chung, The Ohio State University  
- Coastal pollution versus beach attractiveness: a spatial hedonic approach  
  Rachel Guillain, Université de Bourgogne; Diego Legros, university of Burgundy; Houssem Oueslati, University of Burgundy  
- Tenure Stability and Environmental Performance: A Study of Chinese Cities  
  CHUN SONG, Purdue University  
- Tariff Reform and Air Pollution in Indonesia  
  Budy Resosudarmo, Australian National University; Yessi Vadila, Australian National University  

Discussants:  
- Budy Resosudarmo, Australian National University  
- Seung-hun Chung, The Ohio State University  
- Rachel Guillain, Université de Bourgogne  
- CHUN SONG, Purdue University  

112. Labor I --Regency D  
Chair: Ting Zhang, University of Baltimore  

- New employees' self-employment experience as a source of productivity gains for firms  
  Emma Lappi, Jonkoping International Business School  
- Recession-Proof Skills  
  Amanda Weinstein, University of Akron  
- The Uneven Geography of "Bright Outlook" Occupations in the United States  
  Abigail Cooke, SUNY - Buffalo  
- Economic Impact of Boomer Entrepreneurship and its Heterogeneity  
  Ting Zhang, University of Baltimore  
- Do firms use employees' cultural background as a mean to reduce trade barriers?  
  Tina Wallin, Jonkoping International Business School; Mikaela Backman, Jonkoping International Business School; Lina Bjerke, Jonkoping International Business School  

Discussants:  
- Tina Wallin, Jonkoping International Business School  
- Emma Lappi, Jonkoping International Business School  
- Amanda Weinstein, University of Akron  
- Abigail Cooke, SUNY - Buffalo  
- Ting Zhang, University of Baltimore  

113. Climate change and environmental regional science III --Seymour  
Chair: Yuko Akune, Reitaku University
- Interbasin water transfers and the size of regions: An economic geography example  
  Juan Carlos Lopez, University of Denver
- Climate Change Displacement: Spatial-Dynamic Modeling of Occurrence, Effects, and Adaptation  
  Kieran Donaghy, Cornell University
- Cultivar Diversity as a Means of Regional Adaptation to Climate Change on Green Tea Production in Japan  
  Yuko Akune, Reitaku University
- Modeling Policies to Address Climate Change and Housing Affordability in the Bay Area  
  Paul Waddell, University of California, Berkeley; Samuel Maurer, University of California - Berkeley

Discussants:
- Paul Waddell, University of California, Berkeley
- Juan Carlos Lopez, University of Denver
- Kieran Donaghy, Cornell University
- Yuko Akune, Reitaku University

114. UEA 06B Neighborhoods III --Stanley

Chair: Guillermo Alves, Brown University

  Thom Malone, University of Southern California; Christian L. Redfearn, University of Southern California
- Long Run Consequences of Neighborhood Change  
  Nathaniel Baum-Snow, University of Toronto; Daniel Hartley, Federal Reserve Bank of Chicago; Kwan Ok Lee, National University of Singapore
- Where to Visit vs Where to Live: The Relative Profitability of Airbnb in New York City's Neighborhoods  
  Peter Coles;, Michael Egesdal;, Ingrid Gould Ellen, New York University; Xiaodi Li;, Arun Sundararajan,
- Slum Growth in Brazilian Cities  
  Guillermo Alves, Brown University

Discussants:
- Daniel Hartley, Federal Reserve Bank of Chicago
- Ingrid Ellen, NYU
- Guillermo Alves, Brown University
- Thom Malone, University of Southern California

115. Special Session: GeoComputation 3: GIS --English Bay

Chair: Zhaoya Gong, University of Birmingham

- Bi-partite graphs for regional mobility analytics in the era of the Internet of Mobile Things  
  Kaine Black, University of New Brunswick; Lola Arteaga, University of New Brunswick; Monica Wachowicz, University of New Brunswick
- Developing a spatial analysis package with ArcGIS Engine and R  
  Hyeongmo Koo, The University of Texas at Dallas; Yongwan Chun, University of Texas - Dallas; Daniel Griffith, University of Texas - Dallas
- Reconstruction and Inference of Functional Spaces with Location-based Social Media Data: A Case Study of the US Presidential Election  
  Zhaoya Gong, University of Birmingham; Jean-Claude Thill, University of North Carolina - Charlotte; Tengteng Cai, University of North Carolina - Charlotte
  Andres Vallone, Madrid Autonomous University; Coro Chasco, Madrid Autonomous University
Discussants:
- Andres Vallone, Madrid Autonomous University
- Kaine Black, University of New Brunswick
- Hyeongmo Koo, The University of Texas at Dallas
- Zhaoya Gong, University of Birmingham

116. Regional and Rural Development IV --Tennyson

Chair: Daniel Crown, The Ohio State University

- Determinants of Rural Business Innovation  
  Brian Whitacre, Oklahoma State University; Devon Meadowcroft, Oklahoma State University; Roberto Gallardo, Mississippi State University
- The Effects of Sources of Innovation on Innovation Type: Firm-Level Evidence from the United States  
  Timothy Slaper, Indiana University; Mehmet Demirciglu, Indiana University; David Audretsch, Indiana University
- Varieties of Innovation and Firm Survival: Does Pursuit or Incremental or Far-Ranging Innovation Make Firms More Resilient?  
  Daniel Crown, The Ohio State University; Anil Rupasingha, USDA Economic Research Service; Tim Wojan, USDA Economic Research Service
- The Impact of Knowledge Management Strategies on Innovation Outcomes of Rural and Urban Businesses in the United States  
  Kathryn Dotzel, Ohio State University

Discussants:
- Kathryn Dotzel, Ohio State University
- Brian Whitacre, Oklahoma State University
- Timothy Slaper, Indiana University
- Daniel Crown, The Ohio State University

3:30 PM-4:00 PM

117. Coffee Break --Regency Foyer

4:00 PM-6:00 PM

118. Labor II --Balmoral

Chair: Duncan Roth, Institute for Employment Research

- IMMIGRATION, SPATIAL JOB SEARCH, AND COMMUTING TIMES ACROSS ROUTINE AND NON-ROUTINE JOBS: Evidence from Sweden using geo-coded data  
  Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN); Maria Abreu, University of Cambridge; Stuart McIntyre,
- The Impact of Local Labor Market Conditions on Intergenerational Mobility  
  Bo Feng, The Ohio State University; Mark Partridge, Ohio State University
- The decline of routine jobs and occupational mobility  
  Duncan Roth, Institute for Employment Research; Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Wolfgang Dauth,
- Are inclusive cities more productive? Evidence from internal migration control in China  
  Wanyang Hu, UCLA; Rui Wang, University of California - Los Angeles

Discussants:
- Wanyang Hu, UCLA
119. Housing VI -- Cavendish

Chair: Richard H Rijnks, University of Groningen

- **Assessing the Economic Value of Cultural Heritage: A Study from the Norwegian Housing Market** Ida Qvenild Nesset, NTNU Business School
- **A Quantitative Approach to Gentrification: Determinants of Gentrification in U.S. Cities, 1970-2010** Richard Martin, University of Georgia
- **The Value of a Happy Home** Richard H. Rijnks, University of Groningen; Stephen Charles Sheppard, Williams College
- **When The Neighborhoods Goes: Rising House Prices, Displacement, and Resident Financial Health** Devin Bunten, Board of Governors of the FRS

Discussants:
- Devin Bunten, Federal Reserve Board of Governors
- Ida Qvenild Nesset, NTNU Business School
- Richard Martin, University of Georgia
- Richard H Rijnks, University of Groningen

120. Industrial Issues IV -- Constable

Chair: Elizabeth Dobis, Purdue University

- **Matching patterns in mergers and acquisitions** Michiel Gerritse, University of Groningen; Steven Brakman, Groningen University; Harry Garretsen, Groningen University
- **City-center and location decisions: Barcelona over one century** Miquel Angel Garcia-Lopez, Universitat Autonoma de Barcelona; Rosella Nicolini, Universitat Autonoma de Barcelona; Jose Luis Roig Sabate, Universitat Autonoma de Barcelona
- **Urban Settlement in the United States: Birth, Location, and Growth of Incorporated Places** Elizabeth Dobis, Purdue University; Michael Delgado, Purdue University; Raymond Florax, Purdue University
- **Population in American Cities between 1990 and 2010: Hierarchy and Spatial Contagion** Elizabeth Dobis, Purdue University; Michael Delgado, Purdue University; Raymond Florax, Purdue University; Peter Mulder, Free University, Amsterdam
- **The Rank-Size Distribution Revisited** John Parr, University College London

Discussants:
- John Parr, University College London
- Michiel Gerritse, University of Groningen
- Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona
- Elizabeth Dobis, Purdue University
- Elizabeth Dobis, Purdue University

121. UEA 07C labor markets II -- Cypress

Chair: Claudia Macaluso, W.E. Upjohn Institute for Employment Research
• *Wages, Migration, and Urban Amenities: Do Smarter People Move to Better Places?*  David Albouy, University of Illinois - Urbana-Champaign; Jason Faberman, Federal Reserve Bank of Chicago
• *The Impact of Weather on Local Employment: Using Big Data on Small Places*  Daniel John Wilson, Federal Reserve Bank of San Francisco
• *Local Labor Markets in Canada and the United States*  David Albouy, University of Illinois - Urbana-Champaign; Chandler Lutz, Copenhagen Business School; Casey Warman, Dalhousie University
• *Skill remoteness and post- layoff labor market outcomes*  Claudia Macaluso, W.E. Upjohn Institute for Employment Research

**Discussants:**
• Daniel Wilson, San Francisco Fed
• David Albouy, University of Illinois
• Claudia Macaluso, W.E. Upjohn Institute for Employment Research
• Jason Faberman, Federal Reserve Bank of Chicago

**122. Transportation I --Dover**

**Chair:**  Chris Barrington-Leigh, McGill University

• *Parking policy, cruising for parking externalities and deadweight loss of parking supply*  Jos van Ommeren, VU University Amsterdam; Michael Mclvor,
• *CAFE Standards vs. Fuel Taxes - The Role of Urban Form*  Waldemar Marz, ifo Institute; Frank Goetzke, University of Louisville
• *Road network sprawl: a global, dynamic analysis*  Chris Barrington-Leigh, McGill University; Adam Millard-Ball, University of California - Santa Cruz
• *Access to Public Transit and Neighborhood Diversity*  Prottoy Aman Akbar, University of Pittsburgh

**Discussants:**
• Prottoy Aman Akbar, University of Pittsburgh
• Jos van Ommeren, VU University Amsterdam
• Waldemar Marz, ifo Institute
• Chris Barrington-Leigh, McGill University

**123. GeoComputation 4: Spatial Statistics --English Bay**

**Chair:**  Daniel Griffith, University of Texas - Dallas

• *Exploring stepwise eigenvector selection criteria to implement eigenvector spatial filtering*  Monghyeon Lee, The University of Texas Dallas; Daniel Griffith, University of Texas - Dallas; Yongwan Chun, University of Texas - Dallas
• *A cascading approach for eigenvector spatial filter construction for large spatial tessellations*  Yongwan Chun, University of Texas - Dallas; Daniel Griffith, University of Texas - Dallas
• *Empirical surface partitionings, K4 sub-graphs, and the inertia of spatial weights matrices*  Daniel Griffith, University of Texas - Dallas; Nicholas Taliceo, University of Texas - Dallas
• *Scalable Gaussian Process Regression Models for Spatial Data*  Jacob Dearmon, Oklahoma City University; Tony E. Smith, University of Pennsylvania
Discussants:
- Jacob Dearmon, Oklahoma City University
- Monghyeon Lee, The University of Texas Dallas
- Yongwan Chun, University of Texas - Dallas
- Daniel Griffith, University of Texas - Dallas

124. UEA 07A Commuting I -- Grouse

Chair: Stuart A Gabriel, UCLA

- Employer-Paid Parking, Mode Choice, and Suburbanization  Jan K Brueckner, University of California - Irvine; Sofia Franco, Nova School of Business and Economics
- Do Gasoline Prices Affect Residential Property Values?  Edward Coulson, University of California, Irvine; Adele Morris, Brookings Institute; Helen Neill, University of Nevada - Las Vegas
- The valuation of changes in commuting distances: An analysis using georeferenced data  Wolfgang Dauth, University of Wuerzburg; Peter Haller, Institute of Employment Research (IAB)
- CAN'T GET THERE FROM HERE: AFFORDABILITY DISTANCE TO A SUPERSTAR CITY  Stuart A Gabriel, UCLA

Discussants:
- Edward Coulson, University of California, Irvine
- Peter Haller, Institute for Employment Research (IAB)
- Stuart A Gabriel, UCLA
- Jan K Brueckner, University of California - Irvine

125. Local Public Finance I -- Kensington

- The territorial fiscal gap in Colombia  Jaime Bonet, Banco de la Republica; Jhorland Ayala, Banco de la Republica
- Has the fiscal decentralisation boosted the economic performance of municipalities in Mexico?  Cristina Ibarra-Armenta, Universidad Autonoma de Sinaloa; Albina Ramirez-Sanchez, Universidad Autonoma de Sinaloa
- Vertical Fragmentation and Economic Growth in US Metropolitan Areas  Christopher Goodman, University of Nebraska at Omaha

126. Econometric Methods and Models -- Lord Byron

Chair: Paul Elhorst, University of Groningen

- Spatial dependence probit models for grouped-data migration flows  Luc Anselin, University of Chicago; Patricio Aroca, Universidad Adolfo Ibañez; Coro Chasco, Madrid Autonomos University
- A dynamic spatial econometric diffusion model with common factors: the rise and spread of cigarette consumption in Italy  Paul Elhorst, University of Groningen; Carlo Ciccarelli, University of Rome Tor Vergata
- What Happened to Human Development?: Out of Sample Prediction using Spatial Econometrics and RandomForest  Matthew Lehnert, University of Toledo

Discussants:
• Matthew Lehnert, University of Toledo
• Luc Anselin, University of Chicago
• Paul Elhorst, University of Groningen

127. Economic Development VI --Oxford

Chair: Steven Deller, University of Wisconsin-Madison

• The Impact of Decentralization Revenue on Economic Growth and Wellbeing  Tatiane Menezes, Federal University of Pernambuco Brazil

• Economic development "regimes" in the Great Lakes: explaining the use of municipal business incentives  Andrea Craft, University of Illinois at Chicago; Joshua Drucker, University of Illinois at Chicago; Rachel Weber, University of Illinois at Chicago

• Do Tax and Expenditure Limitations Exacerbate Rising Income Inequality?  Steven Deller, University of Wisconsin-Madison; Craig Maher, University of Nebraska - Omaha; Judith Stallmann, University of Missouri - Columbia

• Intergovernmental fiscal transfers as a mechanism for stimulating economic growth in Russian regions  Anna Mikhaylova, Institute for public finance reform

Discussants:
• Anna Mikhaylova, Institute for public finance reform
• Tatiane Menezes, Federal University of Pernambuco Brazil
• Andrea Craft, University of Illinois at Chicago
• Steven Deller, University of Wisconsin-Madison

128. Environmental Issues III --Prince of Wales

Chair: Henk Folmer, University of Groningen

• Noise and the City: Spatiotemporal relationship between urban development patterns and residential noise complaints  Andy Hong, University of British Columbia; Michael Widener, University of Toronto; Byoungjun Kim, New York University

• Do State Tax Breaks for Land Conservation Work?  Maria Soppelsa, World Bank

• Convergence of energy intensity among provinces in China  Henk Folmer, University of Groningen

• Induced Earthquakes and House Prices: Evidence from Oklahoma  Stephan Whitaker, Federal Reserve Bank of Cleveland; Ron Cheung, Oberlin College; Daniel Wetherell, EIG Services

Discussants:
• Stephan Whitaker, Federal Reserve Bank of Cleveland
• Andy Hong, University of British Columbia
• Maria Soppelsa, World Bank
• Henk Folmer, University of Groningen

129. Urban and Regional Policy --Regency D

Chair: Steven Brakman, Groningen University

• High-speed Broadband and Educational Achievements  Filippo Boeri, London School of Economics
• **Education Surplus, Skills Mismatch and Technology**  Ceren Ozgen, University of Birmingham; Marco G. Ercolani, University of Birmingham; Raymond J.G.M Florax, Purdue University

• **Firm heterogeneity and exports in The Netherlands: Identifying export potentials; location matters**  Steven Brakman, Groningen University; Harry Garretsen, Groningen University; Raoul van Maarseveen, CPB Netherlands Bureau for Economic Policy Analysis; Peter Zwaneveld, CPB Netherlands Bureau for Economic Policy Analysis

• **A General Equilibrium Model of Formalization of a Dualistic Economy and Evidence from Indonesia**  Yuwei Liu, National University of Singapore; Yuming Fu, National University of Singapore; Wen-Chi Liao, National University of Singapore

**Discussants:**

• Yuwei Liu, National University of Singapore
• Filippo Boeri, London School of Economics
• Ceren Ozgen, University of Birmingham
• Steven Brakman, Groningen University

130. The Journal of Regional Science Special Session --**Regency E**

131. Population: Applications --**Regency F**

**Chair:** Rafael González-Val, University of Zaragoza

• **A Typology of Population Change for U.S. Counties**  Rachel Franklin, Brown University; Douglas Hopping, University of North Carolina - Chapel Hill

• **Quantity vs. Size: Defining Neighborhoods for Metro Area Comparisons**  David Folch, Florida State University

• **Sub-national ethnic population projections using cohort change ratios -- An application to New Zealand**  Michael Cameron, University of Waikato; Jacques Poot, University of Waikato

• **City size distribution and space**  Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d’Economia de Barcelona (IEB)

• **How Does the Age Structure Affect Local Economy in the US?**  Xiaochen Zhang, Ohio State University

**Discussants:**

• Xiaochen Zhang, Ohio State University
• Rachel Franklin, Brown University
• David Folch, Florida State University
• Michael Cameron, University of Waikato
• Rafael González-Val, University of Zaragoza

132. TOD, Affordable Housing, and Commuting Preference --**Seymour**

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

• **Ridership Impacts of Equitable Transit-Oriented Development in Denver, Colorado**  Eleni Bardaka, North Carolina State University; John Hersey, Regional Transportation District

• **Path Dependence, Gasoline Shocks, and Transportation Choice**  Christopher Severen, University of California, Santa Barbara

• **Sustainable and Affordable Housing Near Rail Transit**  Marlon Boarnet, University of Southern California; Raphael Bostic, University of Southern California; Andrew Eisenlohr, University of Southern
California; Hue-Tam Jamme, USC; Seva Rodnyansky, University of Southern California; Raul Santiago-Bartolomei, University of Southern California
- **Beyond TOD: Accessibility-oriented development (AOD)** Robbin Deboosere, McGill University; David Levinson, University of Sydney; Ahmed El-Geneidy, McGill University

**Discussants:**
- Robbin Deboosere, McGill University
- Eleni Bardaka, North Carolina State University
- Christopher Severen, University of California, Santa Barbara
- Marlon Boarnet, University of Southern California

### 133. UEA 07B Retail, Firms and Locations I – Stanley

**Chair:** Nathan Schiff, Shanghai University of Finance and Economics

- *Is Amazon Killing Starbucks? How Online Retail Affects Local Economies* Lindsay Relihan, University of Pennsylvania
- *The urban economics of retail* Coen N. Teulings, University of Amsterdam; Ioulia V. Ossokina, Eindhoven University of Technology; Jan Svitak, Netherlands Authority for Consumers and Markets
- *Within-Industry Variation across a City: the Case of Distribution in Los Angeles* Thomas J. Holmes, University of Minnesota - Twin Cities
- *Welcome! We Have a New Menu: Measuring Product Responses to Competition* Nathan Schiff, Shanghai University of Finance and Economics; Jacob Cosman, Johns Hopkins University

**Discussants:**
- Jan Svitak, Netherlands Authority for Consumers and Markets
- Thomas J. Holmes, University of Minnesota - Twin Cities
- Nathan Schiff, Shanghai University of Finance and Economics
- Lindsay Relihan, University of Pennsylvania

### 134. Regional and Rural Development V – Tennyson

**Chair:** John Mann, Michigan State University

- *Do Industries Cluster in Rural Regions? Evidence from the Rural Establishment Innovation Survey* Chantalle LaFontant, Indiana University
- *Exploring Rural and Urban Firm Innovation: Analysis of the National Survey of Business Competitiveness* John Mann, Michigan State University; Scott Loveridge, Michigan State University; Giri Aryal, Michigan State University; Satish Joshi, Michigan State University
- *Design, Innovation and Rural Creative Places: Are the Arts an Attractive Amenity, the Cherry on Top, or Secret Sauce?* Tim Wojan, USDA Economic Research Service; Bonnie Nichols, National Endowment for the Arts

**Discussants:**
- Tim Wojan, USDA Economic Research Service
- Kathryn Dotzel, Ohio State University
• Chantalle LaFontant, Indiana University
• John Mann, Michigan State University

6:00 PM-7:00 PM

135. Special Session: Women in Regional Science – English Bay

6:15 PM-7:15 PM

136. Special Session: Alonso Prize Lecture Session - Forecasting Urban Travel: Past, Present and Future -- Seymour/Grouse
Organizers: David Boyce, University of Illinois - Chicago; Huw Williams, Cardiff University
Chair: David Plane, University of Arizona
Panelists: David Boyce, University of Illinois - Chicago; Huw Williams, Cardiff University
Discussant:
• David Plane, University of Arizona

7:15 PM-8:15 PM

137. Alonso Prize Lecture Reception --Seymour/Grouse

Saturday, 11 November
7:30 AM-8:00 PM

138. Registration --Regency Foyer

8:00 AM-10:00 AM

139. Special Session in Honor of Raymond Florax I -- Cities, Community Development, and Spatial Spillovers -- Balmoral

• On the emergence of diversified and specialized cities  Peter Mulder, Free University, Amsterdam; Jorge Diaz-Lanchas, European Commission, DG Joint Research Centre (JRC); Raymond Florax, Purdue University
• A Meta-Analysis of the Direct Economic Impacts of Cruise Tourism on Port Communities  Jamie Chen, VU Amsterdam
• Spatial difference-in-differences regression for multiple binary treatments  Eleni Bardaka, North Carolina State University; Michael Delgado, Purdue University; Raymond Florax, Purdue 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; Kun Peng, University of Illinois - Urbana-Champaign

140. Local Economic Development I --Cavendish

Chair: Flavia Chein, Federal University of Juiz de Fora

• The Geographic Reach of Human Capital Externalities  Johann Eppelsheimer, Institute for Employment Research (IAB)
• Asymmetric Externalities from Brain Gain and Brain Drain - Analyzing Dynamic Wage Effects of Variations in the Regional Concentration of Human Capital  
  Johann Eppelsheimer, Institute for Employment Research (IAB); Joachim Moeller, IAB Institute for Employment Research

• Droughts and Nutritional Status: Impacts of health at first childhood on human capital and future income  
  Flavia Chein, Federal University of Juiz de Fora; Isabel Amaral de Souza, Federal University of Juiz de Fora

• Measuring Human Capital Divergence in a Growing Economy: Do Differences Deceive  
  Daniel Broxterman, Florida State University; Anthony Yezer, George Washington University

Discussants:
• Daniel Broxterman, Florida State University
• Johann Eppelsheimer, Institute for Employment Research (IAB)
• Flavia Chein, Federal University of Juiz de Fora

141. Local Public Finance II -- Constable

Chair: Sergio Contreras, University of Illinois

• Tax or yardstick competition across Swedish local governments?  
  Johan Lundberg, Umea university, Sweden

• Precautionary Public Health, Aging and Urban Agglomeration  
  Daisuke Ikazaki, Japan Women's University; Tohru Naito, Doshisha University; Tatsuya Omori, Chukyo University

• The Effectiveness Of Microenterprise Policies In Chile: The Case Of Entrepreneurship Center - Chilecompra  
  Sergio Contreras, University of Illinois; Angela Lyons, University of Illinois - Urbana-Champaign; Andrew J. Greenlee, University of Illinois - Urbana-Champaign

• State tax reform in a federal system: a multiregional general equilibrium analysis  
  John Madden, Victoria University; James Giesecke, Victoria University; Jason Nassios, Victoria University

Discussants:
• John Madden, Victoria University
• Johan Lundberg, Umea university, Sweden
• Daisuke Ikazaki, Japan Women's University
• Sergio Contreras, University of Illinois

142. UEA 08C Electricity I -- Cypress

Chair: Kilian Heilmann, University of California - San Diego

• Short- and Long-Run Impacts of Rural Electrification: Evidence from the Historical Rollout of the U.S. Power Grid  
  Edson Severnini, Carnegie Mellon University; Joshua Lewis, University of Montreal

• Who benefits from industrialization? The local effects of hydropower technology adoption in Norway, 1891-1920  
  Stefan Leknes, Statistics Norway; Jorgen Modalsli, Statistics Norway

• Properties of Satellite Imagery for Measuring Economic Activity at Small Geographies  
  Kilian Heilmann, University of California - San Diego

Discussants:
• Stefan Leknes, Statistics Norway
• Kilian Heilmann, University of California - San Diego
• Edson Severnini, Carnegie Mellon University

143. Location Modeling II --Dover

Chair: Brad Humphreys, West Virginia University

• A Three-Sector Urban Equilibrium Model with By-production Externalities  Marine Coinon, University of Burgundy; Sophie Legras, INRA - Dijon
• A dynamic structural model for dual-earner households' home and job locations  Maria Hansen, University of Copenhagen
• The Concentration of Consumer Services within an Urban Area  Brad Humphreys, West Virginia University; Josh Matti, West Virginia University
• Agglomeration and Dispersion Mechanism of a System of Cities with Residential Land  Yuzuru Miyata, Toyohashi University of Technology; Hiroyuki SHIBUSAWA, Toyohashi University of Technology; Daisuke Ito, Toyohashi University of Technology

Discussants:
• Yuzuru Miyata, Toyohashi University of Technology
• Marine Coinon, University of Burgundy
• Maria Juul Hansen, University of Copenhagen
• Brad Humphreys, West Virginia University

144. Transportation III --English Bay

Chair: Robin Lindsey, University of British Columbia

• Subways and Urban Air Pollution  Nicolas Gendron-Carrier, University of Toronto; Marco Gonzalez-Navarro, University of Toronto; Stefano Polloni, Brown University; Matthew Turner, Brown University
• Tradable permit schemes for congestible facilities with variable supply and demand  Robin Lindsey, University of British Columbia; André de Palma, Ecole Normale Supérieure de Cachan
• Travel Behaviour and Built Environment Effects on Subjective Well-Being  Stephen McCarthy, Dalhousie University; M. Ahsanul Habib, Dalhousie University

Discussants:
• Stephen McCarthy, Dalhousie University
• Nicolas Gendron-Carrier, University of Toronto
• Robin Lindsey, University of British Columbia

145. UEA 08A Housing - Micro III --Grouse

Chair: Amanda Ross, University of Alabama

• Portfolio Choice with House Value Misperception  Jose Fillat, Federal Reserve Bank of Boston; Stefano Corradin, European Central Bank; Carles Vergara-Alert, IESE Business School
• How to Set a Deadline for Auctioning a House  Alina Arefeva, Johns Hopkins University; Delong Meng, Stanford University
• Using removed treatment design to help solve the weekday-effect puzzle in the Norwegian housing market  Erling Roed Larsen, BI Norwegian Business School
- **Ethnic Groups and Bargaining**  
  Adam Nowak, West Virginia University; Amanda Ross, University of Alabama

**Discussants:**
- Alina Arefeva, Johns Hopkins University
- Erling Roed Larsen, BI Norwegian Business School
- Amanda Ross, University of Alabama
- Carles Vergara Alert, IESE Business School

**146. Productivity I --Lord Byron**

**Chair:** Xiumin Li, Northeast Normal University

- **Does Foreign Direct Investment Increase the Productivity of Domestic Firms? Evidence from Denmark**  
  Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research; Cecilie Dohlmann Weatherall, Kraks Fond Institute for Urban Economic Research; Ismir Mulalic, Kraks Fond Institute for Urban Economic Research

- **Regional heterogeneous firm productivity in European regions**  
  Spyridon Stavropoulos, Erasmus University Rotterdam; Frank van Oort, Erasmus University Rotterdam; Martijn Burger, Erasmus University Rotterdam

- **The Urban Hierarchy and Inequality in Firm Productivity and Wages**  
  Martin Korpi, Ratio Institute; Daniel Halvarsson, Ratio Institute; Mattias Stålnacke, Uppsala University

- **China’s Urban Scale and Urban Productivity**  
  Xiumin Li, Northeast Normal University; Yanzhen Wang, Huazhong University of Science and Technology

- **To Cluster or Not to Cluster? Patterns of Closures in the American Craft Brewing Industry**  
  Isabelle Nilsson, University of North Carolina at Charlotte; Neil Reid, Univ. Of Toledo; Matthew Lehnert, University of Toledo; Oleg Smirnov, University of Toledo

**Discussants:**
- Isabelle Nilsson, University of North Carolina at Charlotte
- Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research
- Spyridon Stavropoulos, Erasmus University Rotterdam
- Martin Korpi, Ratio Institute
- Xiumin Li, Northeast Normal University

**147. Housing VII --Oxford**

**Chair:** Alina Arefeva, Johns Hopkins University

- **The impact of mortgage rates on expected real estate returns and rent growth in Switzerland: a dynamic discounted cashflow approach**  
  Rudolf Marty, Center for Corporate Responsibility and Sustainability at the University of Zuerich

- **How Auctions Amplify House-Price Fluctuations**  
  Alina Arefeva, Johns Hopkins University

- **How School District Boundary Changes Affect Housing Price: Evidence from Fayette County, Kentucky**  
  Xiaozhou Ding, University of Kentucky; Christopher R. Bollinger, University of Kentucky; Michael W. Clark, University of Kentucky; William H. Hoyt, University of Kentucky

**Discussants:**
- Xiaozhou Ding, University of Kentucky
- Rudolf Marty, Center for Corporate Responsibility and Sustainability at the University of Zuerich
• Alina Arefeva, Johns Hopkins University

148. Transportation II --Prince of Wales

Chair: Eduardo Haddad, FEA-USP

• Does Road Expansion Help Mitigate Congestion in China? An Evaluation of Vehicle-Kilometers Traveled  
  Wei Chen, The Ohio State University; H. Allen Klaiber, Ohio State University
• Mobility in Cities: Distributional Impact Analysis of Transportation Improvement in São Paulo Metropolitan Region  
  Eduardo Haddad, FEA-USP; Nancy Lozano-Gracia, The World Bank
• Wasting time in carpooling?: Travel behavior of Hispanic immigrant families in the US  
  Miwa Matsuo, Kobe University

Discussants:
• Miwa Matsuo, Kobe University
• Wei Chen, The Ohio State University
• Eduardo Haddad, FEA-USP

149. Local Public Finance III --Regency D

Chair: Irina Shimina, Social Sciences

• Intergovernmental grants as a mechanism for transforming the economic structure in Russia’s regions  
  Vladimir Klimanov, Institute for Public Finance Reform
• The Experience in Financing the Road Sector in the Russian Regions  
  Irina Shimina, Social Sciences
• Private-public gap in return to human capital: Identification with endogenous mobility  
  Jorn Rattso, Norwegian University of Science and Technology; Hildegunn E. Stokke, Norwegian University of Science and Technology

Discussants:
• Jorn Rattso, Norwegian University of Science and Technology
• Vladimir Klimanov, Institute for Public Finance Reform
• Irina Shimina, Social Sciences

150. Poverty I --Regency F

Chair: Tim Smith, Purdue University

• Healthy Cities and Urbanization: A Case Study in Brazil  
  Monica Haddad, Iowa State University
• Child poverty and income mobility in the U.S.  
  Tim Smith, Purdue University; Michael Delgado, Purdue University
• Poverty dynamics in Colombia: vulnerability, exclusion and escape mechanisms  
  Luis Galvis, Banco de la Republica - Colombia; Carlos Alba, El Colegio de México

Discussants:
• Luis Galvis, Banco de la Republica - Colombia
• Monica Haddad, Iowa State University
• Tim Smith, Purdue University

151. Local Economic Development II --Seymour

Chair: Thomas Kemeny, University of Southampton

• Promoting regional growth and innovation: relatedness, revealed comparative advantage and the product space  Gloria Cicerone, University of Chieti-Pescara; Philip McCann, University of Sheffield; Viktor Venhorst, University of Groningen
• A Regional Economic Analysis using Ellison-Glaeser Index: A case study of Eastern Region of Thailand  Sutee Anantsuksomsri, Chulalongkorn University
• Entrepreneurship, wellbeing, and location  Maria Abreu, University of Cambridge; Eveline van Leeuwen, Free University, Amsterdam; Özge Öner, Jonkoping International Business School; Aleid Brouwer, University of Groningen
• The Wider Impacts of High-Tech Employment: Evidence from the United States  Thomas Kemeny, University of Southampton; Taner Osman, University of California - Los Angeles
• Drivers of local specialization in knowledge intensive business services  Matthias Firgo, Austrian Institute of Economic Research (WIFO); Peter Mayerhofer, Austrian Institute of Economic Research (WIFO)

Discussants:
• Matthias Firgo, Austrian Institute of Economic Research (WIFO)
• Gloria Cicerone, University of Chieti-Pescara
• Sutee Anantsuksomsri, Chulalongkorn University
• Maria Abreu, University of Cambridge
• Thomas Kemeny, University of Southampton

152. UEA 08B Schools, Inequality and Segregation I --Stanley

Chair: Ruben Gaetani, University of Toronto

• The Impact of School Finance Reform on Residential Income Inequality and Racial Segregation in U.S. Urban, Suburban, and Rural Areas  Jeff Zabel, Tufts University; Peter Zuckerman, Tufts University
• School Integration, Sorting and Property Values  Chris Cunningham, Federal Reserve Bank of Atlanta
• A third way between integrated Vienna and segregated Chicago ?  Guillaume Chapelle, Sciences Po Paris
• Urban Segregation and Rise of the Knowledge Economy  Ruben Gaetani, University of Toronto; Enrico Berkes, Northwestern University

Discussants:
• Chris Cunningham, Federal Reserve Bank of Atlanta
• Guillaume Chapelle, Sciences Po Paris
• Ruben Gaetani, University of Toronto
• Jeff Zabel, Tufts University

153. Labor III --Tennyson

Chair: Peter Haller, Institute for Employment Research (IAB)

• Panel Models of New Firm Formation in New England  Kingsley Haynes, George Mason University
• Ethnic diversity and innovation in Start-ups: Evidence from Germany  Udo Brixy, Institute for Employment Research (IAB); Stephan Brunow, Institute of Employment Research (IAB); Anna D’Ambrosio, Polytechnic University of Turin
• Displacement and Job Search in Thick Labor Markets: Evidence from Plant Closures  Peter Haller, Institute for Employment Research (IAB); Daniel F. Heuermann, University of Wuerzburg
• Labor Force Diversity and Firm Survival  Mikaela Backman, Jonkoping International Business School; Janet Kohlhase, University of Houston

Discussants:
• Mikaela Backman, Jonkoping International Business School
• Kingsley Haynes, George Mason University
• Udo Brixy, Institute for Employment Research (IAB)
• Peter Haller, Institute for Employment Research (IAB)

154. Regional and Rural Development VI --Kensington

Chair:  Gil-Hwan Park, Daegu University

• Urban Sprawl, Growth, and Inequality  Luke Petach, Colorado State University
• Brownfield Development: Uncertainty, Asymmetric Information, and Investor  Michael Trouw, Colorado State University; Stephan Weiler, Colorado State University
• Urban Containment Policies and Regional Economies  Sung Kwon, Korea Housing Institute; Gil-Hwan Park, Daegu University
• Inclusive Endogenous Growth: A Critique to the Empirics of Economic Growth  Gil-Hwan Park, Daegu University
• Restricted Land: The Evolution of Urban Form and Travel Behavior Under Zoning Restrictions  Andrew Mueller, University of Denver; Stephan Weiler, Colorado State University

Discussants:
• Andrew Mueller, University of Denver
• Luke Petach, Colorado State University
• Michael Trouw, Colorado State University
• Sung Kwon, Korea Housing Institute
• Gil-Hwan Park, Daegu University

10:00 AM-10:30 AM

155. Coffee Break --Regency Foyer

10:30 AM-12:30 PM

156. GIS Methods and Applications I --Balmoral

Chair:  David Wong, George Mason University

• Mapping the Morphology of Urban Sprawl and Blight: A Note on Shannon Entropy  Reza Banai, University of Memphis
• Exploring Alternatives to Spatial Cluster Detection  David Wong, George Mason University
• **An Exploratory Sensitivity Analysis of Reconfigured Spatial Features in Regional Context**  
  Laurie Schintler, George Mason University; Rajendra Kulkarni, George Mason University

**Discussants:**
- Laurie Schintler, George Mason University
- Reza Banai, University of Memphis
- David Wong, George Mason University

157. **Tourism, Amenities and Consumption in Cities -- Cavendish**

**Chair:** Jesper de Groote, Vrije Universiteit Amsterdam

- **What Matters for Tourism in European Cities? Amenities, Entrepreneurship, or Both?**  
  Maksim Belitski, University of Reading; Sameeksha Desai, Indiana University; Johan Eklund, Swedish Entrepreneurship Forum
- **The stadium is dead, long live the stadium.**  
  Eric van Holm, Arizona State University
- **Pricing of Ridesharing Platforms in China: A choice Experiment**  
  Jesper de Groote, Vrije Universiteit Amsterdam; Jamie Chen, VU Amsterdam
- **Street Corridor and Green Space Planning for Sightseeing in Old District in Makassar, South Sulawesi, Indonesia**  
  Marly Patandianan, Toyohashi University of Technology; Yuzuru Miyata, Toyohashi University of Technology; Hiroyuki Shibusawa, Toyohashi University of Technology

**Discussants:**
- Marly Patandianan, Toyohashi University of Technology
- Maksim Belitski, University of Reading
- Eric van Holm, Arizona State University
- Jesper de Groote, Vrije Universiteit Amsterdam

158. **UEA 09C Advances in Data and Econometrics II -- Cypress**

**Chair:** Yasusada Murata, Nihon University

- **Treatment Effects with Heterogeneous Externalities**  
  Tiziano Arduini, University of Bologna; Eleonora Patacchini, Cornell University; Edoardo Rainone, Bank of Italy
- **Discrete choice models for commuting interactions**  
  Jan Rouwendal, Vrije Universiteit, Amsterdam
- **Heterogeneous Amenity Spillovers of Local Economic Shocks**  
  Evan Mast, Upjohn Institute; Ian Hoffman, Stanford University
- **On quantitative spatial economic models**  
  Yasusada Murata, Nihon University; Kristian Behrens, University of Quebec - Montreal

**Discussants:**
- Jan Rouwendal, Vrije Universiteit, Amsterdam
- Evan Mast, Upjohn Institute
- Yasusada Murata, Nihon University
- Eleonora Patacchini, Cornell University

159. **Urban Change in Japan -- Dover**

**Chair:** David Edgington, University of British Columbia
• Land Use Conflicts and Local Environmental Planning in a Japanese Industrial Cluster: the Case of Higashi Osaka  Kenkichi Nagao, Senshu University; David Edgington, University of British Columbia
• Comprehensive Planning in Japanese Large Cities  David Edgington, University of British Columbia
• Local Governance in Japanese Cities: A Case Study  Yosuke Sunahara, Kobe University

Discussants:
• Yosuke Sunahara, Kobe University
• Kenkichi Nagao, Senshu University
• David Edgington, University of British Columbia

160. Local Economic Development III – English Bay

Chair: John Osth, Uppsala University

• A Reevaluation of Central Places: The case of Bavaria  Alina Schoenberg, IMC University of Applied Sciences; Florian Bartholomae, Bundeswehr University Munich
• Can a growing city have both dense urban development and adequate green space? Spatiotemporal analysis of neighborhood greenness in Vancouver, Canada  Andy Hong, University of British Columbia
• Resilience and accessibility in urban systems: a comparative analysis between Sweden and Holland  John Osth, Uppsala University; Aura Reggiani, University of Bologna; Peter Nijkamp, Tinbergen Institute
• The Shale Oil and Gas Development on Regional Skill Aggregation  Seung-hun Chung, The Ohio State University

Discussants:
• Seung-hun Chung, The Ohio State University
• Alina Schoenberg, IMC University of Applied Sciences
• Andy Hong, University of British Columbia
• John Osth, Uppsala University

161. UEA 09A Cities and Trade I – Grouse

Chair: Jonathan Dingel, University of Chicago

• Cities, Productivity and Trade  Alvaro Garcia-Marín, University of Chile; Andrei Victor Potlogea, University of Edinburgh; Nico Voigtländer, University of California - Los Angeles; Yang Yang, University of California - Los Angeles
• Trade Costs and Economic Geography: Evidence from the U.S.  Dominick Bartelme, University of Michigan
• City-biased technological change  Jessica Hug, University of Geneva
• Cities, Skills, and Sectors in Developing Economies  Donald R. Davis, Columbia University; Jonathan Dingel, University of Chicago; Antonio Miscio, Boston Consulting Group

Discussants:
• Dominick Bartelme, University of Michigan
• Jessica Hug, University of Geneva
• Jonathan Dingel, University of Chicago
• Andrei Victor Potlogea, University of Edinburgh
162. Housing VIII --Kensington

Chair: Ziye Zhang, Cornell University

- Modeling Buy-Seller in Housing Market---A Bidding Network Perspective to Understand Market Mechanism  Ziye Zhang, Cornell University
- Why are Housing Prices Different in One Building?---A Least Local Variance Estimation Approach  Ziye Zhang, Cornell University
- Getting more by asking for less: The efficacy of a strategically low ask in the real estate market  Dag Einar Sommervoll, Norwegian University of Life Sciences

Discussants:
- Dag Einar Sommervoll, Norwegian University of Life Sciences
- Ziye Zhang, Cornell University
- Ziye Zhang, Cornell University

163. Labor IV --Lord Byron

Chair: Jouke van Dijk, University of Groningen

- A new cluster analysis of regional labor markets for purposes of labour market policy  Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Franziska Hirschenuer, Institute of Employment Research (IAB)
- Evidence on the Big Firm Premium from a Decade of Linked Employer Employee Data  Isabelle Sin, Motu Economic & Public Policy Research; Steven Stillman, University of Bolzano; John Gibson, University of Waikato
- MATCHING MODELS OF UNEMPLOYED JOB SEARCHERS Does churning help to lower unemployment?  Jouke van Dijk, University of Groningen
- Composition of Regional Unemployment Dynamics in Germany  Carsten Ochsen, University of Applied Labour Studies

Discussants:
- Carsten Ochsen, University of Applied Labour Studies
- Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung
- Isabelle Sin, Motu Economic & Public Policy Research
- Jouke van Dijk, University of Groningen

164. Special Session in Honor Raymond Florax II -- Econometric Methods --Prince of Wales

- Specification tests for the multinomial model revisited: the role of alternative-specific constants  Jan Rouwendal, Vrije Universiteit, Amsterdam
- Spatial LIML  Mark McLean; James LeSage, Texas State University; Kelley Pace, Louisiana State University
- Bayesian estimation of spatial autoregressive models based on convex combinations of spatial weight matrices  Nicolas Debarsy; James LeSage, Texas State University
- A Spatial Perspective on the Econometrics of Treatment Effect Evaluation  Marynia Kolak, University of Chicago; Luc Anselin, University of Chicago
165. Productivity II --Regency D

Chair: Thomas Kemeny, University of Southampton

- One Belt, One Road, and Comparative Regional Productivity in China  John Gibson, University of Waikato; Chao Li, University of Waikato
- Between spilling over and boiling down: network-mediated spillovers, absorptive capacity and productivity in European regions  Nicola Cortinovis, Erasmus University Rotterdam; Frank van Oort, Erasmus University Rotterdam
- Total Factor Productivity for the main cities in Mexico using stochastic frontier models  Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); Hector Nuñez, Centro de investigacion y Docencias Economicas (CIDE)
- Do Attitudes Shape the Economic Effects of Local Immigrant Diversity?  Thomas Kemeny, University of Southampton; Abigail Cooke, SUNY - Buffalo
- The Effects of Agglomeration and Congestion on Productivity Evidence from Flanders and the Brussels Capital-Regio  Lieselot Baert, KU Leuven

Discussants:
- Lieselot Baert, KU Leuven
- John Gibson, University of Waikato
- Nicola Cortinovis, Erasmus University Rotterdam
- Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)
- Thomas Kemeny, University of Southampton

166. Public Transportation --Regency F

Chair: Xiaofang Dong, Xiamen University

- Neighbourhood Sorting and Commute Mode Choice: Analyzing Rapid Transit in Vancouver  Andrea Craig, Queen’s University
- Cross-City Travel Speed Enhances Researcher Productivity: Evidence from China’s Investment in Bullet Trains  Xiaofang Dong, Xiamen University; Matthew Kahn, University of South Carolina; Siqi Zheng, MIT
- The impact of the public transport system quality on employment in Paris Region : An econometric analysis  El-Mehdi Aboulkacem, University of Lille1

Discussants:
- El-Mehdi Aboulkacem, University of Lille1
- Andrea Craig, Queen’s University
- Xiaofang Dong, Xiamen University

167. Poverty II --Seymour

Chair: Alfredo Cartone,

- Navigating Persistent Poverty: A Mixed Method Approach to Examining Inequality in Arkansas  Melody Muldrew, University of Arkansas at Little Rock; Malcolm Glover, Jack Welch Management Institute, Strayer University
• Income inequality and regional economic divergence  Robert Manduca, Harvard University
• Spatial effects in material deprivation: the case of Italy  Alfredo Cartone, Paolo Postiglione, Università G. d'Annunzio; Maria Simona Andreano, Universitas Mercatorum
• A novel look at multidimensional poverty: How poor is 'poor' in the United Kingdom?  Deniz Sevinc, University of Birmingham

Discussants:
• Deniz Sevinc, University of Birmingham
• Melody Muldrow, University of Arkansas at Little Rock
• Robert Manduca, Harvard University
• Alfredo Cartone,

168. UEA 09B China II --Stanley

Chair:  Yang (Zoe) Yang, National University of Singapore

• Technology Transfer and Domestic Innovation: Evidence from the High-Speed Rail Sector in China  Yu Qin, National University of Singapore; Yatang Lin, London School of Economics; Zhuan Xie, Peking University
• International Transportation Costs and Local Housing Markets  Shihe Fu, Xiamen University; Wangyang Lai, Ohio State University; Elena Irwin, Ohio State University
• Urban land values across China: The role of state-owned developers  Chun "KC" Kuang, East Carolina University; Wenyu Zhu, Renmin University of China
• The Privilege of Power and Wealth: Evidence from China's Urban Land Market  Yang (Zoe) Yang, National University of Singapore; Long Wang, National University of Singapore

Discussants:
• Wangyang Lai, Ohio State University
• Chun "KC" Kuang, East Carolina University
• Yang (Zoe) Yang, National University of Singapore
• Yu Qin, National University of Singapore

169. Transportation IV --Tennyson

Chair:  Yi-ting Chiu, George Mason U.

• Metro-induced commercial gentrification  Jen-Jia Lin, National Taiwan University; Shu-Han Yang, National Taiwan University
• A Way toward Prosperity: Ex-Post Economic Impact Analysis of Snow Mountain Tunnel toward I-lan County  Yi-ting Chiu, George Mason U.
• Position, price, and use in a simple model of a transportation network  John R. Miron, University of Toronto

Discussants:
• John R Miron, University of Toronto
• Jen-Jia Lin, National Taiwan University
• Yi-ting Chiu, George Mason U.

170. Special Session: Early Scholar Session --Oxford
Organizer:  John R Miron, University of Toronto
- Qualifying the Local Development Pattern of Non-Metropolitan Cities: A Mixed Approach  Sarah Desaulniers, Université Laval; Jean Dubé, Laval University
- Job Search, Localized Unemployment and Spatial Mismatch  Justin Tyndall, University of British Columbia
- Child pedestrian safety as an equity issue in urban neighborhoods: Exploring the spatial distribution of crashes in Toronto, Canada  Linda Rothman, Hospital for Sick Children; Marie-Soleil Cloutier, Institut national de la recherche scientifique (INRS); Kevin Manaugh, McGill University; Alison Macpherson, York University; Andrew Howard, Hospital for Sick Children; Colin Macarthur, Hospital for Sick Children

171. Regional and Rural Development VII  --Constable

Chair:  John Pender, USDA Economic Research Service

- Betting on the Over/Under: Education and Entrepreneurship  Tessa Conroy, University of Wisconsin - Madison; Philip Watson, University of Idaho
- Measuring the Comprehensive Wealth of U.S. Counties: An Application of Roback’s Spatial Equilibrium Theory  John Pender, USDA Economic Research Service; James Rossi, University of Missouri - Columbia
- The geographies of rising mortality rates among rural working-age whites  David McGranahan, USDA Economic Research Service; Tim Parker, USDA Economic Research Service

Discussants:
- David McGranahan, USDA Economic Research Service
- Tessa Conroy, University of Wisconsin - Madison
- John Pender, USDA Economic Research Service

12:30 PM-2:30 PM

172. NARSC Awards Luncheon  --Regency ABC

1:30 PM-3:30 PM

173. Local Economic Development IV  --Balmoral

Chair:  Matt Kures, University of Wisconsin Extension

- How does Shale Oil and Gas Development affect Local Economic Activity?  Heather Stephens, West Virginia University; Anil Rupasingha, USDA Economic Research Service
- Patterns and Determinants of Stretch Commuting Across the Rural-Urban Continuum -- 2002 to 2014  Matt Kures, University of Wisconsin Extension; Tessa Conroy, University of Wisconsin - Madison; Steven Deller, University of Wisconsin-Madison
- The Urban World in a Nutshell -- Gravitational Forces among Cities  Karima Kourtit, KTH Royal Institute of Technology, Stockholm; Peter Nijkamp, Tinbergen Institute; Michal Dziecielski, Adam Mickiewicz University, Poznan, Poland

Discussants:
- Karima Kourtit, KTH Royal Institute of Technology, Stockholm
- Heather Stephens, West Virginia University
• Matt Kures, University of Wisconsin Extension

174. Labor V --Cavendish

Chair: Wade Litt, Ohio State University

• *Estimating Disparity in Welfare Gains from Trade between Firm Owners and Workers* Shin-Kun Peng, Academia Sinica

• *Are foreign-born researchers more innovative? Self-selection and the production of knowledge among PhD recipients in the U.S.* Rodrigo Perez, The Ohio State University; Mark Partridge, Ohio State University; William Foster, Pontifical Catholic University of Chile

• *Industrial composition, employment, and the risk of credit exposure and delinquencies in U.S. states* Wade Litt, Ohio State University

• *The importance of labor pooling to explain industrial agglomeration in Brazil: evidence for the period 2002-2014* Edilberto Almeida, Federal University of Pernambuco; Roberta Rocha, Federal University of Pernambuco

Discussants:
• Edilberto Almeida, Federal University of Pernambuco
• Shin-Kun Peng, Academia Sinica
• Rodrigo Perez, The Ohio State University
• Wade Litt, Ohio State University

175. Poverty III --Constable

Chair: ESTEBAN LOPEZ, University of Illinois

• *Role of Amenities in estimating Supplemental Poverty Measure (SPM)* Peter Han, USDA

• *Examination of Dual Spatial Clusters of Health and Food Insecurity Measures: A County-level Analysis* Tammy Leonard, University of North Texas; Amy Hughes, University of Texas Southwestern Medical Center; Connor Donegan, University of Texas at Dallas; Alex Santillan, University of Dallas; Sandi Pruitt, University of Texas Southwestern Medical Center

• *When green production yields poverty: Socioeconomic Effects of Forestry Expansion in Chile* ESTEBAN LOPEZ, University of Illinois; Leonardo Bonilla, Banco de la Republica (The Central Bank of Colombia); Patricio Aroca, Universidad Adolfo Ibañez

• *Green urban environments and high school graduation rates, reading proficiency, and mathematics proficiency* Cody Hodson, The University of Iowa; Heather Sander, University of Iowa

Discussants:
• Cody Hodson, The University of Iowa
• Peter Han, USDA
• Tammy Leonard, University of North Texas
• ESTEBAN LOPEZ, University of Illinois

176. Transport and Land Use Interactions --Cypress

Chair: Yue Ke, Purdue University
• Telecommuting and Urban Spatial Structure in Metropolitan Areas  Mitsuru Ota, University of Tsukuba
• Effects of highway extensions on the real estate market: evidence from panel data  Ioulia V. Ossokina, Eindhoven University of Technology; Jos van Ommeren, VU University Amsterdam
• The Announcement of Light Rail Transit’s Signaling Effect on Nearby Property Values in Charlotte, NC  Yue Ke, Purdue University; Nadia Gkritza, Purdue University
• Job Access and Property Price Gradients Over Time  Nathan Craig Wiseman, University of Nevada - Reno

Discussants:
• Nathan Craig Wiseman, University of Nevada - Reno
• Mitsuru Ota, University of Tsukuba
• Ioulia V. Ossokina, Eindhoven University of Technology
• Yue Ke, Purdue University

177. Housing IX --Dover

Chair: Kayo Tajima, Rikkyo University

• Why Rising House Price Does Not Make Homeowners Happier? The Role of Foregone Gains on Subjective Well-being  Yu Qin, National University of Singapore; Jing Wu, Tsinghua University; Jubo Yan, Nanyang Technological University; Xiaoobo Zhang, Peking University
• The Impact of Shared Amenities on Condominium Resale Values in Tokyo  Kayo Tajima, Rikkyo University
• Does Voting Reflect Self Economic Interest?  Chen Jin, George Washington University

Discussants:
• Chen Jin, George Washington University
• Yu Qin, National University of Singapore
• Kayo Tajima, Rikkyo University

178. Special Session in Honor of Raymond Florax III --English Bay

• Spatial aspects of risk in mortgage portfolios  Rajesh Narayanan, Louisiana State University , Baton Rouge; Kelley Pace, Louisiana State University
• Losing ground against sinkholes? On sinkhole collapses and house prices  Mark van Duijn, University of Groningen; Arno van der Vlist, University of Groningen
• Effects of severance tax on economic activity: evidence from the oil patch  Jason Brown, Federal Reserve Bank of Kansas City; Peter Maniloff, Colorado School of Mines; Dale Manning, Colorado State University
• Crediting Socio-economic Development in Mexico's "Montaña de Guerrero" Region to Transportation Improvements  Jean-Claude Thill, University of North Carolina - Charlotte; Jessica Sánchez; Paul Jung, University of North Carolina at Charlotte; Luis Becerril, The National Autonomous University of Mexico

179. Industrial Issues V --Kensington

Chair: Mahsa Memarian, IESE Business School

• Knowledge Spillovers & Complex Industries: to Co-agglomerate or not to Co-agglomerate  Mathieu Steijn, Utrecht University; Hans R.A. Koster, Vrije Universiteit Amsterdam
- Intra-Urban Wage Gradient Revisited: Spatial Disequilibrium or Agglomeration Economies? Yue (Chris) Hua, Hunan University; Mark Partridge, Ohio State University
- Urban Density and Firms' Stock Returns Mahsa Memarian, IESE Business School; Carles Vergara Alert, IESE Business School
- Manufacturing Entrepreneurship: An Analysis of Corporate Linkages through City Relationships daidai shen, University of North Carolina - Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte

Discussants:
- daidai shen, University of North Carolina - Charlotte
- Mathieu Steijn, Utrecht University
- Yue (Chris) Hua, Hunan University
- Mahsa Memarian, IESE Business School

180. Regional Innovation --Lord Byron

Chair: Vicente German-Soto, Universidad Autonoma de Coahuila

- Multi-dimensional Proximity in Advantage Integration-oriented Innovation Development: Case of Yangtze River Delta in China Yongda Yu, Tsinghua University; Xinyao Sun, Tsinghua University; Roger Stough, George Mason University
- Innovation Adoption on Canadian Farms -- An analysis of regional and farm-level factors Jean-François Frenette, Government of Canada
- The Regional Patenting Frequency and Its Determinants in Mexico Vicente German-Soto, Universidad Autonoma de Coahuila; Luis Gutiérrez Flores, Universidad Autónoma de Coahuila
- Catalysts of Regional Innovation: How Foreign Firms allow New Places to Join the Global Innovation Contest Riccardo Crescenzi, London School of Economics; Frank Neffke, Harvard University; Arnaud Dyevre, London School of Economics

Discussants:
- Riccardo Crescenzi, London School of Economics
- Yongda Yu, Tsinghua University
- Jean-François Frenette, Government of Canada
- Vicente German-Soto, Universidad Autonoma de Coahuila

181. GIS Methods and Applications II --Oxford

Chair: Wen-Yen Lin, Ming Chuan University

- Big data based hedonic housing prices modelling: a case study in Singapore on HDB prices Kai Cao, National University of Singapore
- Crowdsourcing Architectural Beauty: Online Photo Frequency Predicts Building Aesthetic Ratings Albert Saiz, MIT
- Social-Economic Data Rasterizing Transformation and Spatial Data Overlay Vulnerability Assessment Wen-Yen Lin, Ming Chuan University; Chi-Tung Hung, Ming Chuan University
- Modeling Land Use Changes from the Ground up: An Application of Cellular Automata-Makov and Agent-based Models of the Eastern Region of Thailand Nij Tontisirin, Thammasat University; Ditchaphong Phoomkiattisak, Geo-Informatics and Space Technology Development Agency; Sutee Anantsuksomsri, Chulalongkorn University
Discussants:
- Nij Tontisirin, Thammasat University
- Kai Cao, National University of Singapore
- Albert Saiz, Massachusetts Institute of Technology
- Wen-Yen Lin, Ming Chuan University

182. Regional and Rural Development VIII --Prince of Wales

Chair: Dan Rickman, Oklahoma State University

- Moving ahead a comprehensive social accounting matrix agenda  Becca Jablonski, Colorado State University; Todd Schmit, Cornell University; Tom Johnson, University of Missouri - Columbia; David Kay, Cornell University
- Return migration of low and high skilled workers: An application of the synthetic control method to Hurricane Katrina  Ryan Levitt, Colorado State University
- The Recent U.S. Oil Boom and Bust: A Synthetic Control Method-Based Multiplier Analysis  Dan Rickman, Oklahoma State University; Hongbo Wang, Oklahoma State University
- Rural to Urban Water Transfers and the Future of Rural Agricultural Economies in the Semi-Arid West  Kevin Crofton, Colorado State University; Dale Manning, Colorado State University; Chris Goemans, Colorado State University; Harvey Cutler, Colorado State University

Discussants:
- Kevin Crofton, Colorado State University
- Becca Jablonski, Colorado State University
- Ryan Levitt, Colorado State University
- Dan Rickman, Oklahoma State University

183. Regional Economic Effects of Disasters --Regency D

Chair: Zhuoran Shan, Huazhong University of Science and Technology

- Disaster and Economic Growth: Theoretical Perspectives  Yasuhide Okuyama, University of Kitakyushu
- What drives a household to purchase a disaster insurance?: An empirical study of 2016 Kumamoto Earthquake  Shinya Horie, Kobe University; Sasakawa Maki, Kobe University

184. Services and Accessibility --Regency F

Chair: Zhuoran Shan, Huazhong University of Science and Technology

- Information and Communication Technology (ICT) and Services Trade in Developed and Developing Countries  Hiranya K Nath, Sam Houston State University; Lirong Liu, Texas A&M University Commerce
- "Sub-region Life Circle" in Chinese Big Cities based on Human High-probability Daily Activity: Evidence from Wuhan, China  Zhuoran Shan, Huazhong University of Science and Technology; Zhang Xianchun, The University of Hongkong; Huang Yaping, Huazhong University of Science and Technology
- Exponential, power distance-decay functions for the Postal accessibility or an alternative one?  Stéphanie SOUCHE-LE CORVEC, University of Lyon; Aurélie Mercier, University of Lyon

Discussants:
- Stéphanie SOUCHE-LE CORVEC, University of Lyon
• Hiranya K Nath, Sam Houston State University
• Zhuoran Shan, Huazhong University of Science and Technology

185. Taxes and Public Finance --Seymour

Chair: Tadashi Morita, Kindai University

• Fiscal equalization in the spatial economy  Marcel Henkel, University of Duisburg-Essen; Tobias Seidel, University of Duisburg-Essen; Jens Südekum, Heinrich-Heine University Düsseldorf
• Corporate tax rate, Minimum wage, and Unemployment  Tadashi Morita, Kindai University; Yoshitomo Ogawa, Kindai University; Yoshiyasu Ono, Osaka University
• The impact of mining taxes on public education: evidence for mining municipalities in Chile  Mauricio Oyarzo, Universidad Católica del Norte, Chile; Dusan Paredes, Department of Economics, Universidad Católica del Norte, Chile

Discussants:
• Mauricio Oyarzo, Universidad Católica del Norte, Chile
• Marcel Henkel, University of Duisburg-Essen
• Tadashi Morita, Kindai University

186. Social Interactions --Tennyson

Chair: Yuri Mansury, Illinois Institute of Technology

• Comparative analysis of referendums in Japanese Local Government  Yosuke Sunahara, Kobe University
• Do your neighbours matter? Evidence on peer effects from quasi-experimental data  Georges Poquillon, University of Essex; Bence Boje-Kovacs, Krak Institute for Urban Economic Research
• The relationship between network social capital, relative income, and well being in two aged societies: evidence from Japan and South Korea  Alan Brown, Chonnam National University; Jumong Na, Chonnam National University, Gwangju, South Korea
• Churning, new tie formation, old tie dissolution, and power laws in a bottom-up model of spatial networks with heterogeneous agents.  Yuri Mansury, Illinois Institute of Technology; Jae B. Cho, Cornell University
• How long do we communicate with each other? -A survival time analysis of intrahousehold interaction with competing risk hazard model-  Kakuya Matsushima, Kyoto University; Kiyoshi Kobayashi, Kyoto University

Discussants:
• Kakuya Matsushima, Kyoto University
• Yosuke Sunahara, Kobe University
• Georges Poquillon, University of Essex
• Alan Brown, Chonnam National University
• Yuri Mansury, Illinois Institute of Technology

2:45 PM-4:45 PM

187. UEA 10A Crime II --Grouse

Chair: Kenzo Asahi, Pontificia Universidad Catolica de Chile
• *How Emergency Housing Assistance Affects Crime*  David C Phillips, University of Notre Dame; James X. Sullivan, University of Notre Dame
• *Private Protection and Public Policing*  Ross Hickey, University of British Columbia; Steeve Mongrain, Simon Fraser University; Joanne Roberts, Yale NUS; Tanguy van Ypersele, University of Aix-Marseille
• *Criminal Deterrence in a Setting with Multiple Risks: Traffic Cameras, Vehicular Accidents, and Public Safety*  Justin Gallagher, Case Western Reserve University; Paul J. Fisher, University of Arizona
• *Closer Proximity to the Subway Network Increases Larceny*  Kenzo Asahi, Pontificia Universidad Catolica de Chile; Patricio Dominguez, University of California - Berkeley

**Discussants:**
- Steeve Mongrain, Simon Fraser University
- Justin Gallagher, Case Western Reserve University
- Kenzo Asahi, Pontificia Universidad Catolica de Chile
- David C Phillips, University of Notre Dame

**188. UEA 10B Advances in Theory II --Stanley**

**Chair:** Wen-Tai Hsu, Singapore Management University

• *Endogenous Urban Structure and Urban Green Spaces*  Thi Thu Huyen TRAN, University of Luxembourg
• *Environmental Policies in City Systems*  Michael Paul Pflüger, University of Würzburg
• *Spatial scale of agglomeration and dispersion: Theoretical foundations and empirical implications*  Takashi Akamatsu, Tohoku University; Tomoya Mori, Kyoto University; Minoru Osawa, Tohoku University; Yuki Takayama, Kanazawa University
• *The Political Economy of Land Supply: A Case of China*  Wen-Tai Hsu, Singapore Management University; Yang Tang, Nanyang Technological University

**Discussants:**
- Michael Paul Pflüger, University of Würzburg
- Minoru Osawa, Tohoku University
- Wen-Tai Hsu, Singapore Management University
- Thi Thu Huyen TRAN, University of Luxembourg

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

**189. Coffee Break --Regency Foyer**

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

**190. Urban Economic Theory --Balmoral**

**Chair:** Basile Pfeiffer, CIRED

• *The homothetic scaling of urban land and density profiles: evidence from Europe*  Rémi Lemoy, University of Luxembourg; Geoffrey Caruso, University of Luxembourg and Luxembourg Institute of Socio-Economic Research
• *Returns to skills and city size in Brazilian urban agglomerations*  Edivaldo Constantino, Univ Sao Paulo; Carlos Azzoni, University of Sao Paulo; Andre Chagas, University of Sao Paulo, Brazil
Why do population density and urban containment favor gentrification? Basile Pfeiffer, CIRED; Vincent Viguie, Ecole des Ponts ParisTech; Julien Deur, Ecole des Ponts ParisTech; Franck Lecocq, Cired

Homothetic Scaling of Urban Land Use and Population Density Gradients in Monocentric Models Justin Delloye, Université catholique de Louvain; Rémi Lemoy, University of Luxembourg; Geoffrey Caruso, University of Luxembourg

Discussants:
- Justin Delloye, Université catholique de Louvain
- Rémi Lemoy, University of Luxembourg
- Edivaldo Constantino, Univ Sao Paulo
- Basile Pfeiffer, CIRED

191. Trade --Cavendish

Chair: Shishir Shakya, West Virginia University

- Comparative Port Regionalization by Global Maritime Trade: Community Detection Approach in Europe and China Paul Jung, University of North Carolina at Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte
- Effects of EU-Russia Economic Sanctions on Value Added and Employment in Austrian Regions Elisabeth Christen, Austrian Institute of Economic Research; Oliver Fritz, Austrian Institute of Economic Research; Julian Hinz, Kiel Institute for the World Economy; Gerhard Streicher, Austrian Institute of Economic Research
- Dynamics of Connectedness of Global External Competitiveness Shishir Shakya, West Virginia University; Alexandre Scarciofolo, West Virginia University
- Gradual Trade Liberalization in a North-South Model of the Product Cycle Adolfo Cristóbal Campoamor, Universidad Loyola Andalucia

Discussants:
- Adolfo Cristóbal Campoamor, Universidad Loyola Andalucia
- Paul Jung, University of North Carolina at Charlotte
- Elisabeth Christen, Austrian Institute of Economic Research
- Shishir Shakya, West Virginia University

192. Technology and Innovation --Oxford

Chair: Laurie Schintler, George Mason University

- ICT and Rural Telehealth: The Spatial Nature of Personal Online Health Research Peter Stenberg, Economic Research Service - USDA
- Regional Employment and Artificial Intelligence in Japan Nobuaki Hamaguchi, Kobe University; Keisuke Kondo, Research Institute of Economy, Trade, and Industry
- Is there an Automation Divide in U.S. Regional Labor Markets? Laurie Schintler, George Mason University
- Agglomeration and Innovation: Selection or True Effect? Li Fang, University of Maryland - College Park

Discussants:
- Li Fang, University of Maryland, College Park
- Peter Stenberg, Economic Research Service - USDA
- Nobuaki Hamaguchi, Kobe University
• Laurie Schintler, George Mason University

193. Education and Labor  --Prince of Wales

Chair:  Roberto Patuelli, University of Bologna

• The effect of secondary vocational education in college performance: the case of Chile  Rocio Valdebenito, Universidad Adolfo Ibáñez; Juan Eberhard, Universidad Adolfo Ibáñez; Laidy Garcia, Universidad Catolica del Maule; Arcadio Cerda, Universidad de Talca; Patricio Aroca, Universidad Adolfo Ibáñez
• In-State College Enrollment and Later Life Location Decisions  John Winters, Oklahoma State University
• Peers and Group Culture Effects on Students’ Entrepreneurial Orientation  Roberto Patuelli, University of Bologna; Enrico Santarelli, University of Bologna; Annie Tubadji, University of Bristol
• Assessing the effect of commuting on school performance: Evidence from Chile  Esteban Lopez, Universidad Adolfo Ibáñez; Rocio Valdebenito, Universidad Adolfo Ibáñez; Patricio Aroca, Universidad Adolfo Ibáñez

Discussants:
• Esteban Lopez, Universidad Adolfo Ibáñez
• Rocio Valdebenito, Universidad Adolfo Ibáñez
• John Winters, Oklahoma State University
• Roberto Patuelli, University of Bologna

194. Borders and Transportation Infrastructure  --Regency D

Chair:  Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign

• Quantification of the effects of legal and administrative border obstacles in land border regions  Roberta Camagni, Politecnico di Milano; Roberta Capello, Politecnico di Milano; Andrea Caragliu, Politecnico di Milano
• Costs, benefits and negotiations in relation to investments in cross-border infrastructure  Lars Westin, Umeå University; Jonas Westin, Umeå University
• Transport infrastructure interdependencies with energy, water, waste and communication infrastructure in the United Kingdom  Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign; Chris D.F. Rogers, University of Birmingham; Miles R. Tight, University of Birmingham; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign; Hemanta Doloi, University of Melbourne
• Spatial Impacts of High-Speed Rail on Urban Transformation in China: Evidence from Land Value and Structure Change  Zhenhua Chen, The Ohio State University; Yulong Zhou, Nankai University

Discussants:
• Zhenhua Chen, The Ohio State University
• Roberta Camagni, Politecnico di Milano
• Lars Westin, Umeå University
• Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign