

## ***Welcome to Vancouver!***

On behalf of the North American Regional Science Council, the Canadian Regional Science Association, and the Mid-Continent Regional Science Association, we welcome you to the Vancouver, British Columbia for the 65<sup>th</sup> Annual North American Meetings of the Regional Science Association International. We look forward to some exciting events this year including Mark Partridge's RSAI Fellow Lecture on Wednesday, Nov. 8, 6:30-7:30, "Follow the Money: Aggregate, Sectoral and Spatial Effects of an Energy Boom on Local Earnings." Alessandra Faggian's Presidential Plenary on Thursday, Nov. 9, 10:30-12:00 is titled, "What to do (if anything) with Peripheral Areas? Some Reflections." The Alonso Prize Lecture organized by David Boyce and Huw Williams and chaired by David Plane is, "Forecasting Urban Travel: Past, Present and Future" on Friday, Nov. 10 from 6:15 to 7:15.

Please explore the Vancouver region! There are plenty of local attractions within walking distance of the hotel including Stanley Park, Robson Street, Gastown, Chinatown, the Vancouver Art Gallery, and the Museum of Vancouver. The city also has a vibrant dining and bar scene. We've provided a list of things to do in Vancouver as well as links to tourism information resources in the conference section of the NARSC Website.

This year you have a wonderful opportunity to renew and expand your professional network. It is an excellent opportunity to learn about cutting-edge research in a variety of regional science disciplines. We hope that you enjoy catching up with old friends and making new acquaintances. Hopefully, these conversations will stimulate new ideas for collaborations ...and we can hear about them next year in San Antonio, Texas!

We'd like to extend our special thanks to Neil Reid and Matthew Lehnert for their ongoing support and guidance throughout the planning process, and Shakil Khan for assistance in constructing the conference program. Enjoy the conference and your visit to Vancouver!

John Leatherman, *Local Organizer*  
Hanna Maoh, *Program Chair*

# Table of Contents

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| 2017 Organizing and Program Committee                           | 3   |
| NARSC Directory                                                 | 4   |
| Past and Future Conferences                                     | 6   |
| Instructions to Session Chairs, Presenters, and Discussants     | 8   |
| Conference Highlights and Business Meetings                     | 9   |
| RSAI Fellows Plenary and NARSC Presidential Address Information | 11  |
| Alonso Prize Lecture Session Information                        | 12  |
| Program-at-a-Glance                                             | 13  |
| Conference Wifi Access                                          | 14  |
| Detailed Program                                                | 15  |
| Wednesday                                                       | 15  |
| Thursday                                                        | 16  |
| Friday                                                          | 38  |
| Saturday                                                        | 73  |
| Participant Index                                               | 98  |
| Hyatt Regency Vancouver Floor Plan                              | 116 |
| Sponsors                                                        | 119 |

# **2017 Organizing and Program Committee**

## **Local Arrangements Chair**

John Leatherman, Kansas State University

## **Program Chair**

Hanna Maoh, University of Windsor

## **Program Committee (Session Organizers)**

- Adam Rose, University of Southern California
- David Edgington, University of British Columbia
- Giuseppe Arbia, Università della Svizzera italiana
- John R Miron, University of Toronto
- Mark Partridge, Ohio State University
- Peter Batey, University of Liverpool
- William M Bowen, Cleveland State University
- Eleni Bardaka, North Carolina State University
- Harvey Cutler, Colorado State University
- Henk Folmer, University of Groningen
- Huw Williams, Cardiff University
- Jean-Claude Thill, Univ. of North Carolina - Charlotte
- John Carruthers, The George Washington University
- Kevin Credit, Michigan State University
- Michael Delgado, Purdue University
- Stephan Weiler, Colorado State University
- Stephanie E. Chang, University of British Columbia
- V. Dimitra Pyrialakou, West Virginia University
- Zhaoya Gong, University of Birmingham
- David Boyce, University of Illinois - Chicago
- Eleni Bardaka, North Carolina State University
- Elizabeth Mack, Michigan State University
- Martin Shields, Colorado State University
- Peter Mulder, Free University, Amsterdam
- Sandy Dall Erba, University of Illinois
- Sarah Low, USDA Economic Research Service
- Suzana Dragicevic, Simon Fraser University
- V. Dimitra Pyrialakou, West Virginia University
- Yasuhide Okuyama, The University of Kitakyushu

## **NARSC Graduate Student Paper Competition**

### **Committee Co-Chairs**

- John Miron, University of Toronto
- Daoqin Tong, University of Arizona

### **Reading Committee**

- Andrea Caragliu, Milan Polytechnic
- Arthur Getis, San Diego State University
- Cecilie Weatherall, Kraksfond Institute
- Daoqin Tong, Arizona State University
- David Boyce, Northwestern University

- David Plane, University of Arizona
- Eric Heikkila, University of Southern California
- Jaewon Lim, University of Nevada, Las Vegas
- Janet Kohlhasse, University of Houston
- John Miron, University of Toronto
- Qisheng Pan, Texas Southern University
- Rosella Nicolini, University of Barcelona
- Sandy Dall'erba, The University of Illinois at Urbana-Champaign

## **NARSC Directory**

### **Voting Members**

- Alessandra Faggian, President, Department of Spatial Sciences, Gran Sasso Science Institute
- Peter Stenberg, Councilor-at-Large (2015-2017), Chair, UDSA-Economic Research Service
- Monica Haddad, Councilor-at-Large (2015-2017), College of Design, Iowa State University
- Mark Brown, Councilor-at-Large (2016-2018), Economic Analysis Division, Statistics Canada
- Tony H. Grubestic, Councilor-at-Large (2017-2019), Center for Spatial Reasoning & Policy Analytics, Arizona State University
- Cynthia Rogers, Councilor-at-Large (2017-2019), Department of Economics, The University of Oklahoma
- William P. Anderson, Canadian RSA, Department of Political Science, University of Windsor
- Katherine Nesse, Mid-Continent RSA, Department of Sociology, Seattle Pacific University
- Kieran Donaghy, Northeast RSA, Department of City and Regional Planning, Cornell University
- Thomas Knapp, Southern RSA, Department of Economics, Penn State Wilkes-Barre
- Rachel Franklin, Western RSA, Spatial Structures in the Social Sciences, Brown University

### **Ex Officio (Non-Voting) Members**

- Neil Reid, NARSC Executive Director, University of Toledo
- Tomaz Lopes Cavalheiro Ponce Dentinho, RSAI Executive Director, Universidade dos Açores
- Roberta Cappelo, Editor-in-Chief, Papers in Regional Science, Politecnico di Milano

**2017 Nominations Committee**

Peter Stenberg (Chair), Mark Brown, Cynthia Rogers

**2017 Honors Committee**

Dan Rickman (Chair), Richard Church, Alessandra Faggian

**2017 Ben Stevens Fellowship Committee**

Laurie Schintler (Chair), Elena Irwin, Mario Polèse, Amanda Weinstein, Elizabeth Mack

**2017 William Alonso Memorial Prize  
Committee**

David Plane (Chair), Kyung-Hwan Kim, Janet Kolhase, Philip McCann, Gordon Mulligan

## Past and Future Conferences

|                        |                      |
|------------------------|----------------------|
| Detroit, MI            | December 27–29, 1954 |
| New York, NY           | December 27–30, 1955 |
| Cleveland, OH          | December 27–29, 1956 |
| Philadelphia, PA       | December 28–30, 1957 |
| Chicago, IL            | December 27–29, 1958 |
| Washington, DC         | December 27–29, 1959 |
| St. Louis, MO          | December 28–30, 1960 |
| New York, NY           | December 27–29, 1961 |
| Pittsburgh, PA         | December 27–29, 1962 |
| Chicago, IL            | November 15–17, 1963 |
| Ann Arbor, MI          | November 13–16, 1964 |
| Philadelphia, PA       | November 12–14, 1965 |
| Clayton, MO            | November 4–6, 1966   |
| Cambridge, MA          | November 3–5, 1967   |
| Cambridge, MA          | November 8–10, 1968  |
| Santa Monica, CA       | November 7–9, 1969   |
| Philadelphia, PA       | November 6–8, 1970   |
| Ann Arbor, MI          | November 12–14, 1971 |
| Philadelphia, PA       | November 10–12, 1972 |
| Atlanta, GA            | November 9–11, 1973  |
| Chicago, IL            | November 8–10, 1974  |
| Cambridge, MA          | November 7–9, 1975   |
| Toronto, Ontario       | November 12–14, 1976 |
| Philadelphia, PA       | November 11–13, 1977 |
| Chicago, IL            | November 10–12, 1978 |
| Los Angeles, CA        | November 9–11, 1979  |
| Milwaukee, WI          | November 14–16, 1980 |
| Montreal, Quebec       | November 13–15, 1981 |
| Pittsburgh, PA         | November 12–14, 1982 |
| Chicago, IL            | November 11–13, 1983 |
| Denver, CO             | November 9–11, 1984  |
| Philadelphia, PA       | November 15–17, 1985 |
| Columbus, OH           | November 14–16, 1986 |
| Baltimore, MD          | November 6–8, 1987   |
| Toronto, Ontario       | November 11–13, 1988 |
| Santa Barbara, CA      | November 10–12, 1989 |
| Boston, MA             | November 9–11, 1990  |
| New Orleans, LA        | November 7–11, 1991  |
| Chicago, IL            | November 12–14, 1992 |
| Houston, TX            | November 11–14, 1993 |
| Niagara Falls, Ontario | November 17–20, 1994 |
| Cincinnati, OH         | November 8–13, 1995  |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Arlington, VA                   | November 14–17, 1996              |
| Buffalo, NY                     | November 5–9, 1997                |
| Santa Fe, NM                    | November 11–14, 1998              |
| Montreal, Quebec                | November 11–14, 1999              |
| Chicago, IL                     | November 9–11, 2000               |
| Charleston, SC                  | November 15–17, 2001              |
| San Juan, PR                    | November 14–17, 2002              |
| Philadelphia, PA                | November 20–23, 2003              |
| Seattle, WA                     | November 11–13, 2004              |
| Las Vegas, NV                   | November 10–12, 2005              |
| Toronto, Ontario                | November 15–19, 2006              |
| Savannah, GA                    | November 7–11, 2007               |
| New York City, NY               | November 19–22, 2008              |
| San Francisco, CA               | November 19–21, 2009              |
| Denver, CO                      | November 10–13, 2010              |
| Miami, FL                       | November 9–12, 2011               |
| Ottawa, Canada                  | November 7–10, 2012               |
| Atlanta, Georgia                | November 13–16, 2013              |
| Washington, DC                  | November 12–15, 2014              |
| Portland, OR                    | November 11–14, 2015              |
| Minneapolis, MN                 | November 9–12, 2016               |
| <b><i>Vancouver, Canada</i></b> | <b><i>November 8–11, 2017</i></b> |
| San Antonio, TX                 | November 7–10, 2018               |
| Pittsburgh, PA                  | November 13–16, 2019              |
| San Diego, CA                   | November 11–15, 2020              |

## **Instructions to Session Chairs, Presenters, and Discussants**

1. Please adhere to the times printed in the program. Each session presentation is assigned a specific time. If you have a no-show, use the time for a discussion of the proceeding paper(s) or for a recess. Do not shift papers to fill voids, as individuals may want to attend a particular paper.
2. The majority of sessions have 4 papers. Session Chairs should allocate 30 minutes to each paper (20 minutes presentation, 5 minutes discussant, and 5 minutes for audience questions/comments). If you have five papers in your session allocate the time accordingly.
3. Hold each individual to the time allotted. If a speaker continues after time has expired, rise, ask those present to join you in thanking the speaker, and announce the next presentation. The audience and the other speakers will respect and support your decision.
4. Please be considerate of the next session by ensuring your session is completed at the appropriate time and that the room is vacated in time for the next session to set up.
5. Each paper is assigned a discussant to review and offer constructive comments on the paper. There is one discussant for each paper. The discussants for each session are listed in the program. Discussants are listed in sequential order. The first discussant listed is responsible for discussing the first paper presented; the second discussant listed is responsible for discussing the second paper presented etc.
6. The discussant should come prepared to provide approximately 5 minutes discussion of the paper. Possible speaking points include its merits and questions' regarding methods, data, or findings – a summary of the paper is neither expected nor appropriate. As a presenter, we ask that you share your paper (or PowerPoint presentation) with your discussant as early as possible, so that the discussant has sufficient time to review it.
7. While each break-out room will be supplied with a projector and screen it is the responsibility of the session chair to make sure that there is a laptop available for all presenters to use. Session chairs should communicate with other presenters in their session to make sure that someone brings a laptop to the session. Laptops are very expensive to rent and NARSC will not cover the cost of renting laptops from the hotel's Audio Visual Office.



# Conference Highlights and Business Meetings

## **Wednesday, Nov 8**

Workshop 1: Spatial Data Analysis with PySAL

8:00 AM-5:00 PM | Seymour

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

8:00 AM-5:00 PM | Grouse

Registration

4:00 PM-8:00 PM | Georgia Foyer

Words of Welcome and RSAI Fellows Plenary

6:30 PM-7:30 PM | Georgia B Ballroom

NARSC Icebreaker Reception

8:00 PM-9:00 PM | English Bay/Cypress/Stanley

*Cash Bar and Light Pre-dinner Snacks Served*

## **Thursday, Nov 9**

Registration and Exhibits

7:30 AM-5:30 PM | Regency Foyer

NARSC Council Meeting (Invitation Only)

8:00 AM-10:00 AM | Regency B

Session in Memory of Walter Isard

8:00 AM-10:00 AM | Kensington

Panel: What Is Regional Science?: Context, Internal Structure and Content

8:00 AM-10:00 AM | Regency DEF

PIRS Editorial Board Meeting (Invitation Only)

8:30 AM-10:00 AM | Regency A

NARSC Presidential Plenary

10:30 AM-12:00 PM | Regency DEF

The Regional Science Academy Business Lunch Meeting (Invitation Only)

12:00 PM-1:30 PM | Kensington

PRSCO Council Luncheon (Invitation Only)

12:30 PM-2:30 PM | Regency A

Regional Science Academy Special Session I

1:30 PM-3:30 PM | Regency DEF

Regional Science Academy Special Session II

4:00 PM-5:00 PM | Regency DEF

Regional Science Academy Special Session III

5:00 PM-6:00 PM | Regency DEF

RSAl Long Range Planning Cmte. Mtg. (Invitation

Only)

4:30 PM-5:30 PM | Regency B

Thursday Evening Reception

6:30 PM-8:00 PM | Seymour/Grouse/Stanley

**Friday, Nov 10**

Registration & Exhibits

7:30 AM-5:30 PM | Regency Foyer

RSAI Council Meeting (Invitation Only)

8:00 AM-10:00 AM | Regency B

Panel: 25th Anniversary Session on Measuring Regional Economic Effects of Unscheduled Events

8:00 AM-10:00 AM | Regency D

Lecture Session: Regional Science in the Past: What Can Archives Tell Us?

10:00 AM-11:30 AM | Regency F

RSPS Special Session: Regional Science Journals - Challenges and Competencies

10:30 AM-12:30 PM | Regency B

SRSA Business Meeting (Invitation Only)

12:30 PM-2:00 PM | Regency B

RSIA Fellows Luncheon (Invitation Only)

12:30 PM-2:30 PM | Mosaic Grill Hyatt Regency

Journal of Regional Science Special Session

4:00 PM-6:00 PM | Regency D (sponsored by Wiley)

Alonso Prize Lecture Session - Forecasting Urban Travel:

Past, Present and Future 6:15 PM-7:15 PM | Seymour

*Reception for Lecture Session Attendees to Follow, 7:15*

*PM-8:15 PM | Grouse -- Light snacks and cash bar*

available

**Saturday, Nov 11**

Registration and Exhibits

7:30 AM-10:00 AM | Regency Foyer

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

8:00 AM-10:00 AM | English Bay

Special Session in Honor of Raymond Florax II - Econometric Methods

10:30 AM-12:30 PM | English Bay

Special Session in Honor of Raymond Florax III - Econometric Methods

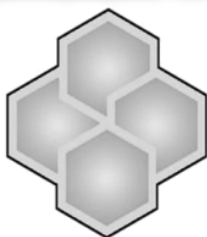
2:45 AM-4:45 PM | English Bay

NARSC Awards Luncheon

12:30 PM-2:30 PM | Regency A/B/C

# **RSAI**

## **Fellows Plenary And NARSC Presidential Address**



**Wednesday, November 8<sup>th</sup>**

*6:30 pm – 7:30 pm*

*Words of Welcome and RSAI Fellows Plenary  
Georgia B Ballroom*

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

***Presentation:***

*Follow the Money: Aggregate, Sectoral and  
Spatial Effects of an Energy Boom on Local  
Earnings*

***Mark Partridge,  
The Ohio State University***

**Thursday, November 9<sup>th</sup>**

*10:30 am – 12:00 pm*

*NARSC Presidential Plenary  
Regency DEF*

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

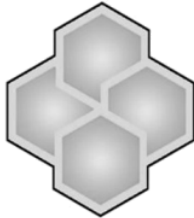
***Presentation:***

*What to do (if anything) with peripheral areas?  
Some Reflections*

***Allessandra Faggian  
Gran Sasso Science Institute  
Social Sciences Unit  
L'Aquila***

# **RSAT**

## **Special Session: Alonso Prize Lecture Session**



**Friday, November 10<sup>th</sup>**

*6:15 pm – 7:15 pm*

*Seymour/Grouse*

**Organizers:** *David Boyce*  
*University of Illinois- Chicago*  
*Huw Williams*  
*Cardiff University*

**Presentation:**  
*Forecasting Urban Travel:*  
*Past, Present and Future*

**Chair:** *David Plane*  
*University of Arizona*

**Panelists:** *David Boyce*  
*University of Illinois- Chicago*  
*Huw Williams*  
*Cardiff University*

# Program-at-a-Glance

| Thursday, November 9th |  |  |  |  |
|------------------------|--|--|--|--|
| 7:30 AM - 8:00 AM      |  |  |  |  |
| 8:00 AM - 8:30 AM      |  |  |  |  |
| 8:30 AM - 9:00 AM      |  |  |  |  |
| 9:00 AM - 9:30 AM      |  |  |  |  |
| 9:30 AM - 10:00 AM     |  |  |  |  |
| 10:00 AM - 10:30 AM    |  |  |  |  |
| 10:30 AM - 11:00 AM    |  |  |  |  |
| 11:00 AM - 11:30 AM    |  |  |  |  |
| 11:30 AM - 12:00 PM    |  |  |  |  |
| 12:00 PM - 12:30 PM    |  |  |  |  |
| 12:30 PM - 1:00 PM     |  |  |  |  |
| 1:00 PM - 1:30 PM      |  |  |  |  |
| 1:30 PM - 2:00 PM      |  |  |  |  |
| 2:00 PM - 2:30 PM      |  |  |  |  |
| 2:30 PM - 3:00 PM      |  |  |  |  |
| 3:00 PM - 3:30 PM      |  |  |  |  |
| 3:30 PM - 4:00 PM      |  |  |  |  |
| 4:00 PM - 4:30 PM      |  |  |  |  |
| 4:30 PM - 5:00 PM      |  |  |  |  |
| 5:00 PM - 5:30 PM      |  |  |  |  |
| 5:30 PM - 6:00 PM      |  |  |  |  |
| 6:00 PM - 6:30 PM      |  |  |  |  |
| 6:30 PM - 7:00 PM      |  |  |  |  |
| 7:00 PM - 7:30 PM      |  |  |  |  |
| 7:30 PM - 8:00 PM      |  |  |  |  |
| 8:00 PM - 8:30 PM      |  |  |  |  |
| 8:30 PM - 9:00 PM      |  |  |  |  |
| 9:00 PM - 9:30 PM      |  |  |  |  |
| 9:30 PM - 10:00 PM     |  |  |  |  |

| Wednesday, November 8th |  |
|-------------------------|--|
| 8:00 AM - 8:30 AM       |  |
| 8:30 AM - 9:00 AM       |  |
| 9:00 AM - 9:30 AM       |  |
| 9:30 AM - 10:00 AM      |  |
| 10:00 AM - 10:30 AM     |  |
| 10:30 AM - 11:00 AM     |  |
| 11:00 AM - 11:30 AM     |  |
| 11:30 AM - 12:00 PM     |  |
| 12:00 PM - 12:30 PM     |  |
| 12:30 PM - 1:00 PM      |  |
| 1:00 PM - 1:30 PM       |  |
| 1:30 PM - 2:00 PM       |  |
| 2:00 PM - 2:30 PM       |  |
| 2:30 PM - 3:00 PM       |  |
| 3:00 PM - 3:30 PM       |  |
| 3:30 PM - 4:00 PM       |  |
| 4:00 PM - 4:30 PM       |  |
| 4:30 PM - 5:00 PM       |  |
| 5:00 PM - 5:30 PM       |  |
| 5:30 PM - 6:00 PM       |  |
| 6:00 PM - 6:30 PM       |  |
| 6:30 PM - 7:00 PM       |  |
| 7:00 PM - 7:30 PM       |  |
| 7:30 PM - 8:00 PM       |  |
| 8:00 PM - 8:30 PM       |  |
| 8:30 PM - 9:00 PM       |  |
| 9:00 PM - 9:30 PM       |  |
| 9:30 PM - 10:00 PM      |  |

| Saturday, November 11th |                        |                                                                    |
|-------------------------|------------------------|--------------------------------------------------------------------|
| 7:30 AM - 8:00 AM       | Registration Desk Open | Special Session in Honor of Raymond Florax I<br><i>English Bay</i> |
| 8:00 AM - 8:30 AM       | Paper Sessions         | Coffee Break                                                       |
| 8:30 AM - 9:00 AM       |                        |                                                                    |
| 9:00 AM - 9:30 AM       |                        |                                                                    |
| 9:30 AM - 10:00 AM      |                        |                                                                    |
| 10:00 AM - 10:30 AM     |                        |                                                                    |
| 10:30 AM - 11:00 AM     |                        | Special Session in Honor of Raymond Florax I<br><i>English Bay</i> |
| 11:00 AM - 11:30 AM     | Paper Sessions         | NARSC Award Luncheon<br><i>Regency A/B/C</i>                       |
| 11:30 AM - 12:00 PM     |                        |                                                                    |
| 12:00 PM - 12:30 PM     |                        |                                                                    |
| 12:30 PM - 1:00 PM      |                        |                                                                    |
| 1:00 PM - 1:30 PM       |                        | Special Session in Honor of Raymond Florax I<br><i>English Bay</i> |
| 1:30 PM - 2:00 PM       |                        |                                                                    |
| 2:00 PM - 2:30 PM       |                        |                                                                    |
| 2:30 PM - 2:45 PM       |                        |                                                                    |
| 2:45 PM - 3:00 PM       |                        |                                                                    |
| 3:00 PM - 3:30 PM       |                        |                                                                    |
| 3:30 PM - 4:00 PM       | Paper Sessions         |                                                                    |
| 4:00 PM - 4:30 PM       |                        |                                                                    |
| 4:30 PM - 4:45 PM       |                        |                                                                    |
| 4:45 PM - 5:00 PM       |                        |                                                                    |

| Friday, November 10th |  |  |
|-----------------------|--|--|
| 7:30 AM - 8:00 AM     |  |  |
| 8:00 AM - 8:30 AM     |  |  |
| 8:30 AM - 9:00 AM     |  |  |
| 9:00 AM - 9:30 AM     |  |  |
| 9:30 AM - 10:00 AM    |  |  |
| 10:00 AM - 10:30 AM   |  |  |
| 10:30 AM - 11:00 AM   |  |  |
| 11:00 AM - 11:30 AM   |  |  |
| 11:30 AM - 12:00 PM   |  |  |
| 12:00 PM - 12:30 PM   |  |  |
| 12:30 PM - 1:00 PM    |  |  |
| 1:00 PM - 1:30 PM     |  |  |
| 1:30 PM - 2:00 PM     |  |  |
| 2:00 PM - 2:30 PM     |  |  |
| 2:30 PM - 3:00 PM     |  |  |
| 3:00 PM - 3:30 PM     |  |  |
| 3:30 PM - 4:00 PM     |  |  |
| 4:00 PM - 4:30 PM     |  |  |
| 4:30 PM - 5:00 PM     |  |  |
| 5:00 PM - 5:30 PM     |  |  |
| 5:30 PM - 6:00 PM     |  |  |
| 6:00 PM - 6:15 PM     |  |  |
| 6:15 PM - 6:30 PM     |  |  |
| 6:30 PM - 6:45 PM     |  |  |
| 6:45 PM - 7:00 PM     |  |  |
| 7:00 PM - 7:15 PM     |  |  |
| 7:15 PM - 7:30 PM     |  |  |
| 7:30 PM - 7:45 PM     |  |  |
| 7:45 PM - 8:00 PM     |  |  |
| 8:00 PM - 8:15 PM     |  |  |
| 8:15 PM - 8:30 PM     |  |  |

|                     |                                                                                                                  |                                                                                                 |
|---------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Paper Sessions      | Panel: 25th Anniversary Session on Measuring Regional Economic Effects of Unscheduled Events<br><i>Regency D</i> | RSAI Council Meeting (Invite Only)<br><i>Plaza C</i>                                            |
|                     | Coffee Break                                                                                                     |                                                                                                 |
| Paper Sessions      | Lecture Session: Regional Science in the Past: What Can Archives Tell Us?<br><i>Regency F</i>                    | RSPP Special Session: Regional Science Journals - Challenges and Competencies<br><i>Plaza C</i> |
| Lunch (On Your Own) | SRSA Business Meeting (Invite Only)<br><i>Plaza C</i>                                                            | RSAI Fellows Luncheon (Invitation Only)<br><i>Mosaic Grill Hyatt Regency</i>                    |
| Paper Sessions      |                                                                                                                  |                                                                                                 |
|                     | Coffee Break                                                                                                     |                                                                                                 |
| Paper Sessions      | Panel: Journal of Regional Science Special Session Guest Lecture<br><i>Regency D</i>                             |                                                                                                 |
|                     |                                                                                                                  |                                                                                                 |
|                     | Alonso Prize Lecture Session - Forecasting Urban Travel: Past, Present and Future<br><i>Seymour/Grouse</i>       |                                                                                                 |
|                     | Alonso Prize Lecture Reception<br><i>Seymour/Grouse</i>                                                          |                                                                                                 |
|                     |                                                                                                                  |                                                                                                 |

## Conference Wifi Access

To access Wifi, select house network then login using the following:

Login name: **narsc**

Password: **2017**

## Detailed Program

**Wednesday, 08 November**

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

**Workshop 1: Economic Modeling with TERM-USA Using Customized RunGEM --Wednesday Nov 8 | 8:00 AM-5:00 PM | Grouse**

**Workshop 2: Spatial Data Analysis with PySAL --Wednesday Nov 8 | 8:00 AM-5:00 PM | Seymour**

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

**Registration --Wednesday Nov 8 | 4:00 PM-8:00 PM | Georgia Foyer**

**6:30 PM-7:30 PM**

**Words of Welcome and RSAI Fellows Plenary --Wednesday Nov 8 | 6:30 PM-7:30 PM | Georgia B Ballroom**

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

- *Follow the Money: Aggregate, Sectoral and Spatial Effects of an Energy Boom on Local Earnings* Mark Partridge, Ohio State University

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

**NARSC Icebreaker Reception --Wednesday Nov 8 | 8:00 PM-9:00 PM | English Bay/Cypress/Stamley**

*Cash Bar and Light Pre-dinner Snacks Served*

## **Thursday, 09 November**

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

**Registration & Exhibits --Thursday Nov 9 | 7:30 AM-5:30 PM | Regency Foyer**

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

**NARSC Council Meeting (Invitation Only) --Thursday Nov 9 | 8:00 AM-10:00 AM | Regency B**

**PiRS Editorial Board Meeting (Invitation Only) --Thursday Nov 9 | 8:30 AM-10:00 AM | Regency A**

**1. Industrial Efficiency and Resiliency --Thursday Nov 9 | 8:00 AM-10:00 AM | Balmoral**

**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,; Miriam Valdés 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
- *A Regional Economic Analysis using Ellison-Glaeser Index: A case study of Eastern Region of Thailand* Sutee Anantsuksomsri, Chulalongkorn University

**Discussants:**

- Sutee Anantsuksomsri, Chulalongkorn University
- Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro
- William (Bill) Cochrane, University of Waikato
- Timothy Slaper, Indiana University

**2. Economic Development I --Thursday Nov 9 | 8:00 AM-10:00 AM | Cavendish**

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



- *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
- *The Impact of the Tax Burden on Macro-economic Performance: An EU panel VAR analysis.* Kevin Albertson, Manchester Metropolitan University; Richard Whittle, Manchester Metropolitan University

**Discussants:**

- Kevin Albertson, Manchester Metropolitan University
- Li Fang, University of Maryland - College Park
- Sudhir Thakur, California State University Sacramento
- Mauricio Ramirez Grajeda, Universidad de Guadalajara

**3. Input-Output Methods I --Thursday Nov 9 / 8:00 AM-10:00 AM / 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, Economic Public Policy; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

**Discussants:**

- Ayele Gelan, Economic Public Policy
- Rebekka Dudensing, Texas A&M University
- Peter Jarosi, West Virginia University
- Elizabeth Roos, Victoria University

**4. UEA 01C Advances in Theory I --Thursday Nov 9 / 8:00 AM-10:00 AM / 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

**5. Housing I --Thursday Nov 9 / 8:00 AM-10:00 AM / Dover**

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

- *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
- Frank Van Oort, Utrecht University
- Michael Reilly, Bay Area Metro

**6. GIS Methods and Applications I --Thursday Nov 9 / 8:00 AM-10:00 AM / English Bay**

**Chair:** Kai Cao, National University of Singapore

- *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
- *Big data based hedonic housing prices modelling: a case study in Singapore on HDB prices* Kai Cao, National University of Singapore

- *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 Phoomikiattisak, Geo-Informatics and Space Technology Development Agency; Sutee Anantsuksomsri, Chulalongkorn University

**Discussants:**

- Nij Tontisirin, Thammasat University
- Martin Kaufman, University of Michigan-Flint
- Kai Cao, National University of Singapore

**7. UEA 01A Housing and Governments I --Thursday Nov 9 / 8:00 AM-10:00 AM / 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

**8. Session in Memory of Walter Isard --Thursday Nov 9 / 8:00 AM-10:00 AM / Kensington**

**Organizer:** Adam Rose, University of Southern California

**Chair:** Adam Rose, University of Southern California

- *Cities as Climate Sustainability Champions -- A 'Quattro' Dimension Analysis* Karima Kourtiti, KTH Royal Institute of Technology; Peter Nijkamp, Tinbergen Institute; Soudi 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

**Discussants:**

- Kieran Donaghy, Cornell University
- Karima Kourtiti, KTH Royal Institute of Technology
- Arthur Getis, San Diego State University

**9. Labor Market and Wages --Thursday Nov 9 / 8:00 AM-10:00 AM / 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
- *Labor Force Diversity and Firm Survival* Mikaela Backman, Jonkoping International Business School; Janet Kohlhase, University of Houston

**Discussants:**

- Janet Kohlhase, University of Houston
- Adelson Silva, UFRPE
- Philip Watson, University of Idaho
- Nikolaos Terzidis, Rijksuniversiteit Groningen
- Annekatrin Niebuhr, Institute of Employment Research (IAB)

**10. Rural Development I --Thursday Nov 9 / 8:00 AM-10:00 AM / Oxford**

**Chair:** Alexandra Tsvetkova, Ohio State 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, Universite de Moncton; Laurent Guihéry, Cergy-Pontoise University

- *Road to Despair and the Geography of the America Left Behind* Mark Partridge, Ohio State University; Alexandra Tsvetkova, Ohio State University

**Discussants:**

- Mark Partridge, Ohio State University
- Eleonora Davalos, Universidad EAFIT
- Pierre-Marcel Desjardins, Université de Moncton

**11. Migration: Labor Applications --Thursday Nov 9 / 8:00 AM-10:00 AM / 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
- *The Effect of Immigration on Local Public Finances* Jeff Chan, Wilfrid Laurier University

**Discussants:**

- Jeff Chan, Wilfrid Laurier University
- Kathrine Richardson, San Jose State University
- Mariko Nakagawa, University of Tokyo
- Ryo Itoh, Tohoku University

**12. Migration and Economic Growth --Thursday Nov 9 / 8:00 AM-10:00 AM / 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)

**13. UEA 01B Transportation I --Thursday Nov 9 / 8:00 AM-10:00 AM / 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, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); Harris Selod, World Bank

**Discussants:**

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

**14. Transportation Equity and Accessibility --Thursday Nov 9 / 8:00 AM-10:00 AM / Tennyson**

**Organizers:** V. Dimitra Pyrialakou, West Virginia University; Eleni Bardaka, North Carolina State University

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

- *Transit Equity in Canadian Cities: A Nationwide Analysis of Jobs Accessibility* Jeff Allen, University of Toronto; Steven Farber, University of Toronto - Scarborough
- *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:**

- Madison Swayne, University of Southern California
- Eduardo Haddad, FEA-USP
- Jeff Allen, University of Toronto

**15. Panel: What Is Regional Science?: Context, Internal Structure and Content --Thursday Nov 9 / 8:00 AM-10:00 AM / Regency DEF**

**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 H. Park, Daegu University; Roger Stough, George Mason University  
**Discussant:**  
• William M Bowen, Cleveland State University

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

**Coffee Break --Thursday Nov 9 | 10:00 AM-10:30 AM | Regency Foyer**

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

**16. NARSC Presidential Plenary --Thursday Nov 9 | 10:30 AM-12:00 PM | Regency DEF**

**Chair:** Neil Reid, Univ. Of Toledo

- *What to do (if anything) with peripheral areas? Some reflections* Alessandra Faggian, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila

## **12:00 PM-1:30 PM**

**Lunch (On your Own) --Thursday Nov 9 | 12:00 PM-1:30 PM |**

**The Regional Science Academy Business Lunch Meeting (Invitation Only) --Thursday Nov 9 | 12:00 PM-1:30 PM | Kensington**

**Chair:** Hans Westlund, KTH Royal Institute of Technology

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

**PRSCO Council Luncheon (Invitation Only) --Thursday Nov 9 | 12:30 PM-2:30 PM | Regency A**

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

**17. Housing II --Thursday Nov 9 | 1:30 PM-3:30 PM | Balmoral**

**Chair:** Philemon Abayateye, University of Toledo

- *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
- Jae-Wan Ahn, Ohio State University
- Philemon Abayateye, University of Toledo

**18. Housing and Real Estate Issues --Thursday Nov 9 | 1:30 PM-3:30 PM | Constable**

**Chair:** Elena Irwin, Ohio State 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
- *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
- Edward Coulson, Penn State University
- Weizeng Sun, Jinan University
- Timothy Jaquet, Ohio State University
- Elena Irwin, Ohio State University

**19. UEA 02C labor markets I --Thursday Nov 9 | 1:30 PM-3:30 PM | 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

**20. Economic Development II --Thursday Nov 9 / 1:30 PM-3:30 PM / Dover**

**Chair:** Marie Louis, University of Massachusetts Amherst

- *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
- *How does Shale Oil and Gas Development affect Local Economic Activity?* Heather Stephens, West Virginia University; Anil Rupasingha, USDA Economic Research Service

**Discussants:**

- Heather Stephens, West Virginia University
- Randall W Jackson, West Virginia University
- Cheng Lyu, Nankai University
- Marie Louis, University of Massachusetts Amherst

**21. UEA 02D China I --Thursday Nov 9 / 1:30 PM-3:30 PM / 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; Jimmy Chan, Chinese University of Hong Kong; Qinghua Zhang, Peking University; Xianhua Zai, Ohio State University

**Discussants:**

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

**22. UEA 02A Housing - Micro I --Thursday Nov 9 / 1:30 PM-3:30 PM / 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

**23. Entrepreneurship in Regional Science --Thursday Nov 9 / 1:30 PM-3:30 PM / Lord Byron**

**Organizers:** Elizabeth Mack, Michigan State University; Kevin Credit, Michigan State University

**Chair:** Elizabeth Mack, Michigan State University

- *The Built Environment, Urban Amenities, and New Business Activity* Kevin Credit, Michigan State University; Elizabeth Mack, Michigan State University
- *Cultural Entrepreneurship in U.S. Cities* Shiqin Liu, Northeastern University; Haifeng Qian, University of Iowa
- *Knowledge-based service economy and firm entry: An alternative to the Knowledge Spillover Theory of Entrepreneurship* Alexandra Tsvetkova, Ohio State University; Mark Partridge, Ohio State University

**Discussants:**

- Alexandra Tsvetkova, Ohio State University
- Kevin Credit, Michigan State University
- Shiqin Liu, Northeastern University

**24. Rural Development II --Thursday Nov 9 | 1:30 PM-3:30 PM  
/ 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 Berdegue, 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

**25. The Regional Science Academy Special Session I --  
Thursday Nov 9 | 1:30 PM-3:30 PM / Regency DEF**

**Chair:** Peter Nijkamp, Tinbergen Institute

- *Great Minds in Regional Science: Walter Isard as an icon in regional science* David Boyce, University of Illinois - Chicago
- *Why some Asian regions are stubbornly lagging: Does the existing traditional social institution matter* Budy Resosudarmo, Australian National University

- *Skills and human capital of green jobs: putting the circular economy in place* Frank Van Oort, Utrecht University

## **26. Climate, Resilience and Disasters --Thursday Nov 9 | 1:30 PM-3:30 PM | Seymour**

**Chair:** Suminori Tokunaga, Reitaku 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
- *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
- *Social-Economic Data Rasterizing Transformation and Spatial Data Overlay Vulnerability Assessment* Wen-Yen Lin, Ming Chuan University; Chi-Tung Hung, Ming Chuan University

### **Discussants:**

- Wen-Yen Lin, Ming Chuan University
- Suminori Tokunaga, Reitaku University
- Fernando DePaolis, Middlebury Institute of International Studies
- Chi-Tung Hung, Ming Chuan University

## **27. UEA 02B Neighborhoods I --Thursday Nov 9 | 1:30 PM-3:30 PM | 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

**28. Special Session: 40th Anniversary of CJRS/RCSR Early Scholars Session --Thursday Nov 9 | 1:30 PM-3:30 PM | Oxford**

**Organizer:** John R Miron, University of Toronto

**Chair:** 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

**Discussants:**

- Linda Rothman, Hospital for Sick Children
- Sarah Desaulniers, Université Laval
- Justin Tyndall, University of British Columbia

**29. Accessibility and Transport Disadvantage --Thursday Nov 9 | 1:30 PM-3:30 PM | Cavendish**

**Organizers:** V. Dimitra Pyrialakou, West Virginia University; Eleni Bardaka, North Carolina State University

**Chair:** V. Dimitra Pyrialakou, West Virginia 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 Gris , McGill University; Genevieve Boisjoly, McGill University; Meadhbh Maguire, McGill University; Ahmed El-Geneidy, McGill University

**Discussants:**

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

**30. Regional and Rural Development I: Firm Dynamics --  
Thursday Nov 9 | 1:30 PM-3:30 PM | Tennyson**

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

**Chair:** Sarah Low, USDA Economic Research Service

- *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
- *Climate Change and the Location of U.S. Beef Production: The Case of Nebraska* Eric Thompson, University of Nebraska - Lincoln; Junpyo Park, University of Nebraska - Lincoln; David Rosenbaum, University of Nebraska - Lincoln
- *Information Spillovers, Employment Growth, and the Great Recession* Nicholas Kacher, Colorado State University; Stephan Weiler, Colorado State University; Michael Yeadon, Colorado State University

**Discussants:**

- Stephan Weiler, Colorado State University
- Jason Brown, Federal Reserve Bank of Kansas City
- Jordan Navin, Colorado State University
- Eric Thompson, University of Nebraska - Lincoln

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

**Coffee Break --Thursday Nov 9 | 3:30 PM-4:00 PM | Regency Foyer**

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

**RS&I Long Range Planning Cmte. Mtg. (Invitation Only) --  
Thursday Nov 9 | 4:30 PM-5:30 PM | Regency B**

**31. The Regional Science Academy Special Session II --  
Thursday Nov 9 | 4:00 PM-5:00 PM | Regency DEF**

**Chair:** Karima Kourtit, KTH Royal Institute of Technology

- *The Regional Science Academy Special Guest Lecture: "Who owns the city?"* Saskia Sassen, Columbia University
- *The Regional Science Academy Speakers' Corner* Peter Nijkamp, Tinbergen Institute

**32. Community Development --Thursday Nov 9 | 4:00 PM-6:00 PM | Balmoral**

**Chair:** Kenneth Whaley, Clemson University

- *On the use of community detection in big data for delineating regions: Revolutionary results for Belgium?* Thomas Isabelle, Universite 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.
- *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, Universite catholique de Louvain
- Yi-ting Chiu, George Mason U.
- Kenneth Whaley, Clemson University

**33. Innovation and Economic Growth --Thursday Nov 9 | 4:00 PM-6:00 PM | 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
- *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

**Discussants:**

- Steven Brakman, Groningen University
- 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)
- Amit Batabyal, Rochester Institute Of Technology

**34. Industrial Issues I --Thursday Nov 9 | 4:00 PM-6:00 PM | 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
- *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
- Thomas Klier, Federal Reserve Bank of Chicago
- Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)
- Sharmistha Bagchi-Sen, SUNY-Buffalo



**35. UEA 03C Agglomeration I --Thursday Nov 9 | 4:00 PM-6:00 PM | 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

**36. Rural-Urban Region Issues --Thursday Nov 9 | 4:00 PM-6:00 PM | Dover**

**Chair:** Peter Han, USDA

- *The progress of the radical right: the urban -- rural division in Sweden* Jonna Rickardsson, Jonkoping International Business School
- *Role of Amenities in estimating Supplemental Poverty Measure (SPM)* Peter Han, USDA
- *The Italian 2016 Constitutional Referendum: x-ray of a NO.* Alessandra Faggian, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila; Federico Fantechi, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila; Giulia Urso, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila

**Discussants:**

- Alessandra Faggian, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila
- Jonna Rickardsson, Jonkoping International Business School
- Peter Han, USDA

**37. Housing III --Thursday Nov 9 | 4:00 PM-6:00 PM | English Bay**

**Chair:** Edward Kung, UCLA

- *Do sharing economies change the cities: evidence from the rapid growth of Airbnb in the Copenhagen metropolitan area* Aske Egsgaard, Kraks Institute for Urban Economic Research; Ismir Mulalic, Kraks Fond Institute for Urban Economic Research; Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research; Lars Pico Geerdsen, Kraks Fond Institute for Urban Economic Research
- *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
- Edward Kung, UCLA

**38. UEA 03A Mortgages I --Thursday Nov 9 | 4:00 PM-6:00 PM / 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

**39. Economic Development III --Thursday Nov 9 | 4:00 PM-6:00 PM / Tennyson**

**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

**40. Externalities, Income and Inequality --Thursday Nov 9 / 4:00 PM-6:00 PM | 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

**41. Economic Forces of Migration --Thursday Nov 9 / 4:00 PM-6:00 PM | 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 University 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

**Discussants:**

- Cristina Miller, USDA Economic Research Service
- Suzana Quinet Bastos, Federal University of Juiz de Fora
- Juan Sayago-Gomez, West Virginia University

**42. Input-Output Methods II --Thursday Nov 9 | 4:00 PM-6:00 PM | Prince of Wales**

**Chair:** Yuko Akune, Reitaku University

- *Trade-Based Index of Water Intensity: An Application to Morocco* Eduardo Haddad, FEA-USP; Abdelaziz Ait-Ali, 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

**43. UEA 03B Migration, Public Policy and Growth I --Thursday Nov 9 | 4:00 PM-6:00 PM | 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 Zabihidan, 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

**44. Regional and Rural Development II: Entrepreneurship --  
Thursday Nov 9 | 4:00 PM-6:00 PM | Seymour**

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

**Chair:** Stephan Weiler, 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
- Tessa Conroy, University of Wisconsin - Madison
- Sarah Low, USDA Economic Research Service

**45. The Regional Science Academy Special Session III --  
Thursday Nov 9 | 5:00 PM-6:00 PM | Regency DEF**

**Chairs:** Peter Elmlund, ; Andrés Rodríguez-Pose, London School of Economics

- *Regional Science Academy Ex Libris Session on: "Which 2 or 3 Regional Science publications have been essential for your career, and why?"* James LeSage, Texas State University; Kingsley Haynes, George Mason University; Elizabeth Mack, Michigan State University
- *Panel Discussion on: "What is the city?", Believe it or not: "What I love most about my Home is whom I share it with"* Saskia Sassen, Columbia University; Peter Nijkamp, Tinbergen Institute; Gordon Mulligan, University of Arizona; James LeSage, Texas State University; Kingsley Haynes, George Mason University; Elizabeth Mack, Michigan State University

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

**Evening Reception --Thursday Nov 9 | 6:30 PM-8:00 PM |  
Seymour/Grouse/Stamley**

**Friday, 10 November**

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

**Registration & Exhibits --Friday Nov 10 | 7:30 AM-5:30 PM |  
Regency Foyer**

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

**RSAI Council Meeting (Invitation Only) --Friday Nov 10 | 8:00  
AM-10:00 AM | Regency B**

**46. Climate change and environmental regional science I --  
Friday Nov 10 | 8:00 AM-10:00 AM | Balmoral**

**Organizers:** Sandy Dall Erba, University of Illinois; Henk Folmer, University of Groningen; John Carruthers, The George Washington University

**Chair:** Anming Zhang, University of British Columbia

- *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
- *Impacts of Weather and Climate Disasters on Local Labor Markets* Yong Chen, Oregon State University; Jianhong Mu, Texas A&M University

- *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
- *Convergence of provincial energy intensity in China* Henk Folmer, University of Groningen; Lei Jiang, Zhejiang University; Minhe Ji, Northwest A&F University

**Discussants:**

- Javier Perez, Banco de la Republica (The Central Bank of Colombia)
- Anming Zhang, University of British Columbia
- Henk Folmer, University of Groningen
- Alberto Lamadrid, Lehigh University

**47. Ethnic Minorities, Discrimination and Segregation --Friday Nov 10 | 8:00 AM-10:00 AM | Cavendish**

**Chair:** Wei Long, Tulane University

- *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* Wei Long, Tulane University; Cheng Cheng, University of Mississippi

**Discussants:**

- Wei Long, Tulane University
- Peter Rogerson, University at Buffalo
- Matthew Ross, Ohio State University

**48. Migration of Skilled Labor --Friday Nov 10 | 8:00 AM-10:00 AM | Constable**

**Chair:** Anja Rossen, Institute for Employment Research

- *High-Skilled Immigration and the Skill Composition of Native Workers* Daniel Crown, The Ohio State University; Alessandra Faggian, Gran Sasso Science Institute, Social Sciences Unit, L'Aquila; Jonathan Corcoran, University of Queensland
- *Graduate migration in Germany -- new evidence from an event history analysis* Anja Rossen, Institute for Employment Research; Annkatrin Niebuhr, Institute of Employment Research (IAB); Anne Otto, IAB Institute for Employment Research; Christian Teichert, University of Hannover

- *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
- Daniel Crown, The Ohio State University
- Anja Rossen, Institute for Employment Research

**49. UEA 04C Advances in Data and Econometrics I --Friday Nov 10 / 8:00 AM-10:00 AM / 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

**50. Spatial Econometrics --Friday Nov 10 / 8:00 AM-10:00 AM / Dover**

**Organizer:** Giuseppe Arbia, Università della Svizzera italiana

**Chair:** Giuseppe Arbia, Università della Svizzera italiana

- *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, Università della Svizzera italiana



svizzera italiana; Anil Bera, University of Illinois - Urbana-Champaign; Osman Dogan, University of Illinois - Urbana-Champaign

**Discussants:**

- Giuseppe Arbia, Università della Svizzera italiana
- Gianfranco Piras, CUA
- Wei Kang, Arizona State University

**51. UEA 04A Housing Supply I --Friday Nov 10 / 8:00 AM-10:00 AM / 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

**52. Housing IV --Friday Nov 10 / 8:00 AM-10:00 AM / 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

**53. Cities in Developing Countries I --Friday Nov 10 / 8:00 AM-10:00 AM / Lord Byron**

**Chair:** Peter Mulder, Free University, Amsterdam

- *The Impact of Urbanization on Energy Consumption in the Global South. Evidence across Countries, Cities and Neighborhoods.* Peter Mulder, Free University, Amsterdam; Sotya 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* Yi Niu, Capital University of Economics and Business; Chengri Ding, University of Maryland - College Park
- *Landlocked Countries and Transportation Challenges: Impact of Transportation on Economic Growth of Afghanistan* Mohammad Masoud Azimi, Technical University Berlin
- *Ethnic segregation and residential location choice in Cape Town* Tatjana Ibraimovic, University of Leeds

**Discussants:**

- Tatjana Ibraimovic, University of Leeds
- Peter Mulder, Free University, Amsterdam
- Yi Niu, Capital University of Economics and Business
- Mohammad Masoud Azimi, Technical University Berlin

**54. Transportation and Congestion --Friday Nov 10 / 8:00 AM-10:00 AM / 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

- *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
- Federico Boffa, Free University of Bolzano
- Jonathan Hall, University of Toronto
- Daniel Brent, Louisiana State University

**55. Econometric Methods and Models --Friday Nov 10 | 8:00 AM-10:00 AM | Prince of Wales**

**Chair:** Paul Elhorst, University of Groningen

- *What Happened to Human Development?: Out of Sample Prediction using Spatial Econometrics and RandomForest* Matthew Lehnert, University of Toledo
- *Spatial dependence probit models for grouped-data migration flows* Luc Anselin, University of Chicago; Patricio Aroca, Universidad Adolfo Ibañez; Coro Chasco, Madrid Autonomous 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
- *Identifying and Addressing an Issue of Diffusion in Discrete Location Choice Models* Paul Waddell, University of California, Berkeley; arezoo Besharati-zadeh, UC Berkeley

**Discussants:**

- Luc Anselin, University of Chicago
- Matthew Lehnert, University of Toledo
- Paul Waddell, University of California, Berkeley
- Paul Elhorst, University of Groningen

**56. Location Modeling and Spatial Analysis I --Friday Nov 10 | 8:00 AM-10:00 AM | Regency E**

**Chair:** Alan Murray, University of California - Santa Barbara

- *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
- *Reducing Computation Times of Anti-Covering Location Problems: A New Approach* Matthew Niblett, University of California, Santa Barbara; Rick Church, University Of California At Santa Barbara

**Discussants:**

- Changjoo Kim, University of Cincinnati

- Daoqin Tong, University of Arizona
- Xin Feng, University of California, Santa Barbara

## **57. GeoComputation I: Land Use Applications --Friday Nov 10 / 8:00 AM-10:00 AM / Regency F**

**Organizers:** Suzana Dragicevic, Simon Fraser University; Zhaoya Gong, University of Birmingham; Jean-Claude Thill, University of North Carolina - Charlotte

**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

## **58. Labor I --Friday Nov 10 / 8:00 AM-10:00 AM / Seymour**

**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, University of Wuerzburg

### **Discussants:**

- Duncan Roth, Institute for Employment Research
- Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)

- Bo Feng, The Ohio State University

**59. UEA 04B Neighborhoods II --Friday Nov 10 / 8:00 AM-10:00 AM / 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

**60. Transportation Network Modeling --Friday Nov 10 / 8:00 AM-10:00 AM / Tennyson**

**Chair:** Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada

- *Reinterpreting the Frank-Wolfe Algorithm* JiYoung Park, SUNY - Buffalo; Ha Hwang, SUNY - Buffalo
- *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
- *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
- *Position, price, and use in a simple model of a transportation network* John R. Miron, University of Toronto
- *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
- JiYoung Park, SUNY - Buffalo
- John R Miron, University of Toronto

**61. Panel: 25th Anniversary Session on Measuring Regional Economic Effects of Unscheduled Events --Friday Nov 10 / 8:00 AM-10:00 AM / Regency D**

**Organizer:** Adam Rose, University of Southern California

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

**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

## 10:00 AM-10:30 AM

**Coffee Break --Friday Nov 10 / 10:00 AM-10:30 AM / Regency Foyer**

## 10:30 AM-12:00 PM

**62. Special Session: Regional Science in the Past: What Can Archives Tell Us? --Friday Nov 10 / 10:30 AM-12:00 PM / Regency F**

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

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

**Discussants:**

- Peter Batey, University of Liverpool
- David Boyce, University of Illinois - Chicago

## 10:30 AM-12:30 PM

**63. Economics of Agriculture I --Friday Nov 10 / 10:30 AM-12:30 PM / Balmoral**

**Chair:** Mark Brown, Statistics Canada

- *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

- *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

**Discussants:**

- Becca Jablonski, Colorado State University
- Cherry Kim, Seoul National University
- Mark Brown, Statistics Canada
- Tracy Stobbe, Trinity Western University

**64. Investment I --Friday Nov 10 | 10:30 AM-12:30 PM | 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 Cortinovi, Erasmus University Rotterdam; Riccardo Crescenzi, London School of Economics; Frank Van Oort, Utrecht University

**Discussants:**

- Nicola Cortinovi, Erasmus University Rotterdam
- Riccardo Crescenzi, London School of Economics
- Eduardo Haddad, FEA-USP
- Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

**65. Environmental Issues I --Friday Nov 10 | 10:30 AM-12:30 PM | Constable**

**Chair:** Katsuhiko 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; 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

**Discussants:**

- Katsuhiro Sakurai, Rissho University
- Chien-Wen Lo, Ming Chuan University
- Tanya C.J. Esteves, Aveiro University

**66. UEA 05C Crime I --Friday Nov 10 / 10:30 AM-12:30 PM / 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

**67. Cities in Developing Countries II --Friday Nov 10 / 10:30 AM-12:30 PM / Dover**

**Chair:** Luis E Quintero, Johns Hopkins University

- *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
- *Explaining Spatial Variations in Productivity: Evidence from 16 LAC Countries* Luis E. Quintero, Johns Hopkins University; Mark Roberts, World Bank

**Discussants:**

- Luis E Quintero, Johns Hopkins University
- Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona
- Oualid Moussouni, University of Quebec - Montreal
- Shangming Yang, National University of Singapore

**68. UEA 05D Migration, Public Policy and Growth II --Friday Nov 10 | 10:30 AM-12:30 PM | 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

**69. UEA 05A Housing - Micro II --Friday Nov 10 | 10:30 AM-12:30 PM | 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

**70. Housing V --Friday Nov 10 | 10:30 AM-12:30 PM | Kensington**

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

- *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
- *A Quantitative Approach to Gentrification: Determinants of Gentrification in U.S. Cities, 1970-2010* Richard Martin, University of Georgia
- *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

**Discussants:**

- Honghao Ren, Northwestern Polytechnical University
- Jae-Wan Ahn, Ohio State University
- Matthew Lehnert, University of Toledo
- Richard Martin, University of Georgia

**71. Economic Development IV --Friday Nov 10 | 10:30 AM-12:30 PM | Oxford**

**Chair:** Andrés Rodríguez-Pose, 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)
- *Special Economic Zones in emerging countries: What makes them tick?* Andrés Rodríguez-Pose, London School of Economics; Susanne Frick, 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
- Andrés Rodríguez-Pose, London School of Economics

**72. Industrial Issues II --Friday Nov 10 | 10:30 AM-12:30 PM | Prince of Wales**

**Chair:** Basile Pfeiffer, CIREN

- *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, CIREN; Harris Selod, World Bank; Vincent Viguié, 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, CIREN

**73. Natural and Other Disasters 1: Advances in CGE modeling methods --Friday Nov 10 | 10:30 AM-12:30 PM | Regency D**

**Organizers:** Martin Shields, Colorado State University; Harvey Cutler, Colorado State University

**Chair:** Adam Rose, University of Southern California

- *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
- *Measuring the Economic Consequence of Cyber-Attacks and Cyber Resilience: A Computable General Equilibrium Modeling Approach* Adam Rose, University of Southern California; 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
- Adam Rose, University of Southern California
- Yuchen Hu, Colorado State University
- Jeffrey Davis, Colorado State University

**74. Location Modeling and Spatial Analysis II --Friday Nov 10 / 10:30 AM-12:30 PM / Regency E**

**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

**75. UEA 05B Transportation II --Friday Nov 10 / 10:30 AM-12:30 PM / 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, Federal Reserve Bank of Philadelphia

- *Commuting Fast and Slow: The Effects of High Speed Rail* Stephan Hebllich, University of Bristol; Helen Simpson, University of Bristol

**Discussants:**

- Gilles Duranton, University of Pennsylvania
- Christopher Severen, Federal Reserve Bank of Philadelphia
- Stephan Hebllich, University of Bristol
- Alex Anas, State University of New York at Buffalo

**76. Climate change and environmental regional science II --  
Friday Nov 10 | 10:30 AM-12:30 PM | Tennyson**

**Organizers:** Sandy Dall Erba, University of Illinois; Henk Folmer, University of Groningen; John Carruthers, The George Washington University

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

- *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
- *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)

**Discussants:**

- Henk Folmer, University of Groningen
- Sandy Dall Erba, University of Illinois
- Yang (Zoe) Yang, National University of Singapore

**77. GeoComputation II: Networks --Friday Nov 10 | 10:30 AM-12:30 PM | Lord Byron**

**Organizers:** Suzana Dragicevic, Simon Fraser University; Zhaoya Gong, University of Birmingham; Jean-Claude Thill, University of North Carolina - Charlotte

**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

**78. Panel: RSPS Special Session: Regional Science Journals - Challenges and Competencies --Friday Nov 10 | 10:30 AM-12:30 PM | Regency B**

**Chair:** Neil Reid, Univ. Of Toledo

**Panelists:** Roberta Capello, Politecnico di Milano; Jean-Claude Thill, University of North Carolina - Charlotte; Mark Partridge, Ohio State University; Andrés Rodríguez-Pose, London School of Economics

**79. Regional and Rural Development III: Urban Markets and Place-Based Policies --Friday Nov 10 | 10:30 AM-12:30 PM | Seymour**

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

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

- Anil Rupasingha, USDA Economic Research Service
- Peter V Schaeffer, West Virginia University
- Luke Petach, Colorado State University
- Randall W Jackson, West Virginia University
- Tim Komarek, Old Dominion University

## **12:30 PM-1:30 PM**

**Lunch (On your Own) --*Friday Nov 10 / 12:30 PM-1:30 PM /***

## 12:30 PM-2:30 PM

**SRSA Business Meeting (Invitation Only) --Friday Nov 10 / 12:30 PM-2:00 PM / Regency B**

**RSAI Fellows Luncheon (Invitation Only) --Friday Nov 10 / 12:30 PM-2:30 PM / Regency F**

## 1:30 PM-3:30 PM

**80. Economics of Agriculture II --Friday Nov 10 / 1:30 PM-3:30 PM / 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 Luneburg; Petra Kaczensky, Research Institute of Wildlife Ecology; Karsten Wesche, Senckenberg Museum of Natural History Görlitz
- *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

**81. Industrial Issues III --Friday Nov 10 / 1:30 PM-3:30 PM / 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 Pogonyi, Imperial College London
- *Urban Settlement in the United States: Birth, Location, and Growth of Incorporated Places* Elizabeth Dobis, Pennsylvania State University; Michael Delgado, Purdue University; Raymond Florax, Purdue University



**Discussants:**

- Elizabeth Dobis, Pennsylvania State University
- Li Yao, University of Colorado at Boulder
- Paul Jung, University of North Carolina at Charlotte
- Csaba Pogonyi, Imperial College London

**82. Investment II --Friday Nov 10 | 1:30 PM-3:30 PM | 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* Bartłomiej Rokicki, University of Warsaw; Marcin Stepniak, Polish Academy of Sciences
- *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

**Discussants:**

- Maria Figueroa-Armijos, American University
- Dylan Jong, University of Groningen
- Hong Gao, Fudan University
- Luiz Carlos de Santana Ribeiro, UFS-BRAZIL
- Bartłomiej Rokicki, University of Warsaw

**83. UEA 06C Transportation III --Friday Nov 10 | 1:30 PM-3:30 PM | 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

**84. Transportation-Induced Economic and Neighborhood Dynamics --Friday Nov 10 / 1:30 PM-3:30 PM / Dover**

**Organizers:** Eleni Bardaka, North Carolina State University; V. Dimitra Pyrialakou, West Virginia University

**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:**

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

**85. UEA 06A Housing and Governments II --Friday Nov 10 / 1:30 PM-3:30 PM / 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
- *Do Financial Constraints Cool a Housing Boom?* Lu Han, University of Toronto; Chandler Lutz, Copenhagen Business School; Benjamin Sand, York University; Derek Stacey, Ryerson University
- *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

**86. Crime --Friday Nov 10 | 1:30 PM-3:30 PM | Kensington**

**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; Taua 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

**87. Location Modeling I --Friday Nov 10 | 1:30 PM-3:30 PM | 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

**88. Population: Applications --Friday Nov 10 / 1:30 PM-3:30 PM / Oxford**

**Chair:** Rachel Franklin, Brown University

- *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
- *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

**89. Environmental Issues II --Friday Nov 10 / 1:30 PM-3:30 PM / 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, Universite de Bourgogne; Diego Legros, university of Burgundy; Houssein 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, Universite de Bourgogne
- Chun Song, Purdue University

**90. Location Modeling and Spatial Analysis III --Friday Nov 10 / 1:30 PM-3:30 PM / Regency E**

**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

**91. Climate change and environmental regional science III --Friday Nov 10 / 1:30 PM-3:30 PM / Seymour**

**Organizers:** Sandy Dall Erba, University of Illinois; Henk Folmer, University of Groningen; John Carruthers, The George Washington University

**Chair:** Yuko Akune, Reitaku University

- *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 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
- *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

**Discussants:**

- Juan Carlos Lopez, University of Denver
- Kieran Donaghy, Cornell University
- Yuko Akune, Reitaku University

**92. UEA 06B Neighborhoods III --Friday Nov 10 / 1:30 PM-3:30 PM / Stanley**

**Chair:** Guillermo Alves, CAF Development Bank of Latin America

- *Are Neighborhoods Changing Less? The Increasing Prevalence of Persistence in U.S Metropolitan Areas from 1970-2010* 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, CAF Development Bank of Latin America

**Discussants:**

- Daniel Hartley, Federal Reserve Bank of Chicago
- Ingrid Ellen, NYU
- Guillermo Alves, CAF Development Bank of Latin America
- Thom Malone, University of Southern California

**93. GeoComputation III: GIS --Friday Nov 10 | 1:30 PM-3:30 PM | English Bay**

**Organizers:** Suzana Dragicevic, Simon Fraser University; Zhaoya Gong, University of Birmingham; Jean-Claude Thill, University of North Carolina - Charlotte

**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; Tengting Cai, University of North Carolina - Charlotte

**Discussants:**

- Zhaoya Gong, University of Birmingham
- Kaine Black, University of New Brunswick
- Hyeongmo Koo, The University of Texas at Dallas

**94. Natural and Other Disasters 2: Advances in resiliency and recovery methods --Friday Nov 10 | 1:30 PM-3:30 PM | Regency D**

**Organizers:** Martin Shields, Colorado State University; Harvey Cutler, Colorado State University

**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

**95. Regional and Rural Development IV: Rural Innovation is Multifaceted --Friday Nov 10 | 1:30 PM-3:30 PM | Tennyson**

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

**Chairs:** Stephan Goetz, Pennsylvania State University; Tim Wojan, USDA Economic Research Service

- *Determinants of Rural Business Innovation* Brian Whitacre, Oklahoma State University; Devon Meadowcraft, 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 Demircioglu, 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, U.S. Environmental Protection Agency

**Discussants:**

- Steven Deller, University of Wisconsin-Madison
- Mark Partridge, Ohio State University
- David Freshwater, University of Kentucky
- Roberta Capello, Politecnico di Milano

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

**Coffee Break --Friday Nov 10 | 3:30 PM-4:00 PM | Regency Foyer**

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

**96. Labor II --Friday Nov 10 | 4:00 PM-6:00 PM | Balmoral**

**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

**97. Housing VI --Friday Nov 10 | 4:00 PM-6:00 PM | Cavendish**

**Chair:** Richard H Rijnks, University of Groningen



- *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, Federal Reserve Board of Governors
- *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
- Richard H Rijnks, University of Groningen
- Devin Bunten, Federal Reserve Board of Governors

**98. Industrial Issues IV --Friday Nov 10 | 4:00 PM-6:00 PM | Constable**

**Chair:** Elizabeth Dobis, Pennsylvania State 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* Rosella Nicolini, Universitat Autònoma de Barcelona; Miquel Angel Garcia-Lopez, Universitat Autònoma de Barcelona; Jose Luis Roig Sabate, Universitat Autònoma de Barcelona
- *Population in American Cities between 1990 and 2010: Hierarchy and Spatial Contagion* Elizabeth Dobis, Pennsylvania State 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
- Rosella Nicolini, Universitat Autònoma de Barcelona
- Elizabeth Dobis, Pennsylvania State University

**99. UEA 07C labor markets II --Friday Nov 10 | 4:00 PM-6:00 PM | Cypress**

**Chair:** Claudia Macaluso, W.E. Upjohn Institute for Employment Research

- *Wages, Migration, and Urban Amenities: Do Smarter People Move to Better Places?* Jason Faberman, Federal Reserve Bank of Chicago; David Albouy, University of Illinois

- *The Impact of Weather on Local Employment: Using Big Data on Small Places* Daniel John Wilson, Federal Reserve Bank of San Francisco
- *Skill remoteness and post-layoff labor market outcomes* Claudia Macaluso, W.E. Upjohn Institute for Employment Research

**Discussants:**

- Daniel Wilson, San Francisco Fed
- Claudia Macaluso, W.E. Upjohn Institute for Employment Research
- Jason Faberman, Federal Reserve Bank of Chicago

**100. Transportation I --Friday Nov 10 / 4:00 PM-6:00 PM / Dover**

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

- *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
- *Metro-induced commercial gentrification* Jen-Jia Lin, National Taiwan University; Shu-Han Yang, National Taiwan University

**Discussants:**

- Jen-Jia Lin, National Taiwan University
- Chris Barrington-Leigh, McGill University
- Prottoy Aman Akbar, University of Pittsburgh

**101. GeoComputation IV: Spatial Statistics --Friday Nov 10 / 4:00 PM-6:00 PM / English Bay**

**Organizers:** Suzana Dragicevic, Simon Fraser University; Jean-Claude Thill, University of North Carolina - Charlotte; Zhaoya Gong, University of Birmingham

**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

**102. UEA 07A Commuting I --Friday Nov 10 | 4:00 PM-6:00 PM | 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, Penn State University; 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 for Employment Research (IAB)
- *Can't Get There from Here: Affordability Distance to a Superstar City* Stuart A Gabriel, UCLA

**Discussants:**

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

**103. Local Public Finance I --Friday Nov 10 | 4:00 PM-6:00 PM | Kensington**

**Chair:** Christopher Goodman, University of Nebraska at Omaha

- *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

- *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:**

- Cristina Ibarra-Armenta, Universidad Autonoma de Sinaloa
- Jaime Bonet, Banco de la Republica
- John Madden, Victoria University
- Christopher Goodman, University of Nebraska at Omaha

**104. Spatial Statistics Applications --Friday Nov 10 | 4:00 PM-6:00 PM | Lord Byron**

**Chair:** 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
- *Using Administrative Spatial Micro-data to Predict Teardown: A Land Use Approach for a Metropolitan Area* Sarah Desaulniers, Universite 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
- *Which Chinese Cities Are More Inclusive, and Why?* Wanyang Hu, UCLA; Rui Wang, University of California - Los Angeles

**Discussants:**

- Wanyang Hu, UCLA
- Davis Chacon-Hurtado, Purdue University
- Sarah Desaulniers, Universite Laval
- Gene Burinskiy, University of Southern California

**105. Economic Development V --Friday Nov 10 | 4:00 PM-6:00 PM | 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* Joshua Drucker, University of Illinois at Chicago; Andrea Craft, 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
- Joshua Drucker, University of Illinois at Chicago
- Steven Deller, University of Wisconsin-Madison

**106. Environmental Issues III --Friday Nov 10 | 4:00 PM-6:00 PM | 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
- *Covergence 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

**107. Urban and Regional Policy --Friday Nov 10 | 4:00 PM-6:00 PM | Regency E**

**Chair:** Filippo Boeri, London School of Economics

- *CAFE Standards vs. Fuel Taxes - The Role of Urban Form* Waldemar Marz, ifo Institute; Frank Goetzke, University of Louisville
- *Parking policy, cruising for parking externalities and deadweight loss of parking supply* Jos van Ommeren, VU University Amsterdam; Michael McIvor,
- *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

- *High-speed Broadband and Educational Achievements* Filippo Boeri, London School of Economics

**Discussants:**

- Filippo Boeri, London School of Economics
- Waldermar Marz, ifo Institute
- Jos van Ommeren, VU University Amsterdam
- Yuwei Liu, National University of Singapore

**108. TOD, Affordable Housing, and Commuting Preference --  
Friday Nov 10 | 4:00 PM-6:00 PM | Seymour**

**Organizers:** Eleni Bardaka, North Carolina State University; V. Dimitra Pyrialakou, West Virginia University

**Chair:** Eleni Bardaka, North Carolina State University

- *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, Federal Reserve Bank of Philadelphia
- *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:**

- Marlon Boarnet, University of Southern California
- Robbin Deboosere, McGill University
- Christopher Severen, Federal Reserve Bank of Philadelphia
- Hue-Tam Jamme, USC

**109. UEA 07B Retail, Firms and Locations I --Friday Nov 10 / 4:00 PM-6:00 PM / Stanley**

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

- *Is Online Retail Killing Coffee Shops? Estimating the Winners and Losers of Online Retail Using Customer Transaction Microdata* 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:**

- Ioulia V. Ossokina, Eindhoven University of Technology
- Thomas J. Holmes, University of Minnesota - Twin Cities
- Nathan Schiff, Shanghai University of Finance and Economics
- Lindsay Relihan, University of Pennsylvania

**110. Climate change and environmental regional science IV -- Friday Nov 10 / 4:00 PM-6:00 PM / Regency F**

**Organizers:** Sandy Dall Erba, University of Illinois; Henk Folmer, University of Groningen; John Carruthers, The George Washington University

**Chair:** Paul Waddell, University of California, Berkeley

- *Interbasin water transfers and the size of regions: An economic geography example* Juan Carlos Lopez, University of Denver
- *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
- *Cultivar Diversity as a Means of Regional Adaptation to Climate Change on Green Tea Production in Japan* Yuko Akune, Reitaku University
- *Climate Change Displacement: Spatial-Dynamic Modeling of Occurrence, Effects, and Adaptation* Kieran Donaghy, Cornell University

**Discussants:**

- Yong Kim, Purdue University
- Jonathan Dingel, University of Chicago
- Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.)
- Paul Waddell, University of California, Berkeley

**111. Panel: Journal of Regional Science Special Session Guest Lecture --Friday Nov 10 | 4:00 PM-6:00 PM | Regency D**

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

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

**Panelists:** Gianmarco Ottaviano, London School of Economics; David Albouy, University of Illinois

**Discussants:**

- Keith Head, University of British Columbia
- Stuart Rosenthal, Syracuse University

**112. Regional and Rural Development V: Rural Innovation in Space --Friday Nov 10 | 4:00 PM-6:00 PM | Tennyson**

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

**Chairs:** Stephan Goetz, Pennsylvania State University; Tim Wojan, USDA Economic Research Service

- *Patenting as Contagion? How Local Employment in Patent Intensive Industry and the Inventive Class Affects the Probability of Applying for a Patent* Kathryn Dotzel, U.S. Environmental Protection Agency; Tim Wojan, USDA Economic Research Service
- *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:**

- Douglas Woodward, University of South Carolina
- Timothy Slaper, Indiana University
- Haifeng Qian, University of Iowa

**6:15 PM-7:15 PM**

**113. Special Session: Alonso Prize Lecture Session - Forecasting Urban Travel: Past, Present and Future --Friday Nov 10 | 6:15 PM-7:15 PM | Seymour**

**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

**Reception for Lecture Session Attendees to Follow, 7:15 PM-8:15 PM | Grouse** (Light snacks and cash bar available)



## Saturday, 11 November

### 7:30 AM-10:00 AM

**Registration & Exhibits --Saturday Nov 11 / 7:30 AM-10:00 AM / Regency Foyer**

### 8:00 AM-10:00 AM

**114. Urban Economic Theory --Saturday Nov 11 / 8:00 AM-10:00 AM / Balmoral**

**Chair:** Basile Pfeiffer, CIREN

- *The homothetic scaling of urban land and density profiles: evidence from Europe* Geoffrey Caruso, University of Luxembourg and Luxembourg Institute of Socio-Economic Research; Rémi Lemoy, University of Luxembourg
- *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 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 favors gentrification?* Basile Pfeiffer, CIREN; Vincent Viguie, Ecole des Ponts ParisTech; Julien Deur, Ecole des Ponts ParisTech; Franck Lecocq, Cired

**Discussants:**

- Basile Pfeiffer, CIREN
- Edivaldo Constantino, Univ Sao Paulo
- Geoffrey Caruso, University of Luxembourg and Luxembourg Institute of Socio-Economic Research
- Justin Delloye, Université catholique de Louvain

**115. Local Public Finance II --Saturday Nov 11 / 8:00 AM-10:00 AM / Cavendish**

**Chair:** Irina Shimina, High School of Economics

- *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, High School of Economics
- *The Role of Gender, Rurality, and Teams in Prosocial Crowdfunding* Maria Figueroa-Armijos, American University; John P. Berns, University of Mississippi
- *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

**Discussants:**

- Johann Eppelsheimer, Institute for Employment Research (IAB)
- Vladimir Klimanov, Institute for Public Finance Reform
- Irina Shimina, High School of Economics
- Maria Figueroa-Armijos, American University

**116. Urban Change in Japan --Saturday Nov 11 / 8:00 AM-10:00 AM / Constable**

**Organizer:** David William Edgington, University of British Columbia

**Chair:** David William 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 William Edgington, University of British Columbia
- *Comprehensive Planning in Japanese Large Cities* David William 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 William Edgington, University of British Columbia

**117. UEA 08C Electricity I and Labor --Saturday Nov 11 / 8:00 AM-10:00 AM / Cypress**

**Chair:** David Albouy, University of Illinois

- *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
- *Local Labor Markets in Canada and the United States* David Albouy, University of Illinois; Chandler Lutz, Copenhagen Business School; Casey Warman, Dalhousie University

**Discussants:**

- Stefan Leknes, Statistics Norway
- Kilian Heilmann, University of California - San Diego
- David Albouy, University of Illinois
- Edson Severnini, Carnegie Mellon University

**118. Location Modeling II --Saturday Nov 11 / 8:00 AM-10:00 AM / Dover**

**Chair:** Yuzuru Miyata, Toyohashi University of Technology

- *A dynamic structural model for dual-earner households' home and job locations* Maria Juul Hansen, University of Copenhagen
- *The Concentration of Consumer Services within an Urban Area* Josh Matti, West Virginia University; Brad Humphreys, 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
- Maria Juul Hansen, University of Copenhagen
- Josh Matti, West Virginia University

**119. Special Session in Honor of Raymond Florax I -- Cities, Community Development, and Spatial Spillovers --Saturday Nov 11 / 8:00 AM-10:00 AM / English Bay**

**Organizers:** Peter Mulder, Free University, Amsterdam; Michael Delgado, Purdue University

**Chair:** Michael Delgado, Purdue University

- *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

**Discussants:**

- Sandy Dall Erba, University of Illinois
- Eleni Bardaka, North Carolina State University
- Marynia Kolak, University of Chicago
- Peter Mulder, Free University, Amsterdam

**120. UEA 08A Housing - Micro III --Saturday Nov 11 / 8:00 AM-10:00 AM / 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

**121. Productivity I --Saturday Nov 11 / 8:00 AM-10:00 AM / Lord Byron**

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

- *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
- *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, Utrecht University; 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, Hua Zhong University of Science and Technology

**Discussants:**

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

**122. Housing VII --Saturday Nov 11 / 8:00 AM-10:00 AM / Oxford**

**Chair:** Rudolf Marty, University of Zuerich

- *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 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
- *Why are Housing Prices Different in One Building?---A Least Local Variance Estimation Approach* Ziyue Zhang, Cornell University
- *Does Voting Reflect Self Economic Interest?* Chen Jin, George Washington University

**Discussants:**

- Chen Jin, George Washington University
- Rudolf Marty, University of Zuerich
- Xiaozhou Ding, University of Kentucky
- Ziyue Zhang, Cornell University

**123. Transportation II --Saturday Nov 11 / 8:00 AM-10:00 AM  
/ 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
- *Identifying Key Factors Influencing Electric Vehicle Acquisition by Canadian Fleet Operators* Shakil Khan, University of Windsor; Hanna Maoh, University of Windsor; Mark Ferguson, McMaster University

**Discussants:**

- Shakil Khan, University of Windsor
- Wei Chen, The Ohio State University
- Eduardo Haddad, FEA-USP
- Miwa Matsuo, Kobe University

**124. GIS Methods and Applications II --Saturday Nov 11 / 8:00 AM-10:00 AM / Regency D**

**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
- *Crowdsourcing Architectural Beauty: Online Photo Frequency Predicts Building Aesthetic Ratings* Albert Saiz, Massachusetts Institute of Technology

**Discussants:**

- Albert Saiz, Massachusetts Institute of Technology
- Reza Banai, University of Memphis
- David Wong, George Mason University
- Laurie Schintler, George Mason University

**125. Education and Labor --Saturday Nov 11 / 8:00 AM-10:00 AM / Brighton**

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

- *The effect of secondary vocational education in college performance: the case of Chile* Rocio Valdebenito, Universidad Adolfo Ibañez; Juan Eberhard, Universidad Adolfo Ibáñez; Laidy Garcia, Universidad Catolica del Maule; Arcadio Cerda, Universidad de Talca; Patricio Aroca, Universidad Adolfo Ibañez
- *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 Ibañez; Patricio Aroca, Universidad Adolfo Ibañez

**Discussants:**

- Esteban Lopez, Universidad Adolfo Ibáñez
- Rocio Valdebenito, Universidad Adolfo Ibañez
- John Winters, Oklahoma State University
- Roberto Patuelli, University of Bologna

**126. Poverty I --Saturday Nov 11 / 8:00 AM-10:00 AM / Turner**

**Chair:** Tim Smith, Purdue 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
- *Navigating Persistent Poverty: A Mixed Method Approach to Examining Inequality in Arkansas* Melody Muldrow, University of Arkansas at Little Rock; Malcolm Glover, Jack Welch Management Institute, Strayer University

**Discussants:**

- Melody Muldrow, University of Arkansas at Little Rock
- Tim Smith, Purdue University
- Luis Galvis, Banco de la Republica - Colombia

**127. Local Economic Development I --Saturday Nov 11 / 8:00 AM-10:00 AM / Seymour**

**Chair:** Thomas Kemeny, University of Southampton

- *Promoting regional growth and innovation: relatedness, revealed comparative advantage and the product space* Viktor Venhorst, University of Groningen; Gloria Cicerone, University of Chieti-Pescara; Philip McCann, University of Sheffield
- *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)
- Viktor Venhorst, University of Groningen
- Maria Abreu, University of Cambridge
- Thomas Kemeny, University of Southampton

**128. UEA 08B Schools, Inequality and Segregation I --Saturday Nov 11 / 8:00 AM-10:00 AM / 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



**129. Labor III --Saturday Nov 11 / 8:00 AM-10:00 AM / 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 Brix, 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
- *Evidence on the Big Firm Premium from a Decade of Linked Employer Employee Data* John Gibson, University of Waikato; Isabelle Sin, Motu Economic & Public Policy Research; Steven Stillman, University of Bolzano

**Discussants:**

- John Gibson, University of Waikato
- Kingsley Haynes, George Mason University
- Udo Brix, Institute for Employment Research (IAB)
- Peter Haller, Institute for Employment Research (IAB)

**130. Regional and Rural Development VI: Urban Institutions and Policies --Saturday Nov 11 / 8:00 AM-10:00 AM / Kensington**

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

**Chair:** Gil H. Park, Daegu University

- *Urban Sprawl, Growth, and Inequality* Luke Petach, Colorado State University
- *Brownfield Development: Uncertainty, Asymmetric Information, and Investor Requirements* Michael Trouw, Colorado State University; Stephan Weiler, Colorado State University
- *Urban Containment Policies and Regional Economies* Sung Kwon, Korea Housing Institute; Gil H. 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:**

- Devin Buntin, Federal Reserve Board of Governors
- Gil H. Park, Daegu University
- Andrew Mueller, University of Denver
- Sung Kwon, Korea Housing Institute

## 10:00 AM-10:30 AM

**Coffee Break --Saturday Nov 11 / 10:00 AM-10:30 AM / Regency Foyer**

## 10:30 AM-12:30 PM

**131. Human Capital --Saturday Nov 11 / 10:30 AM-12:30 PM / Balmoral**

**Chair:** Flavia Chein, Federal University of Juiz de Fora

- *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
- *The Geographic Reach of Human Capital Externalities* Johann Eppelsheimer, Institute for Employment Research (IAB)
- *Measuring Human Capital Divergence in a Growing Economy: Do Differences Deceive* Daniel Broxterman, Florida State University; Anthony Yezer, George Washington University
- *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
- Daniel Broxterman, Florida State University
- Johann Eppelsheimer, Institute for Employment Research (IAB)
- Flavia Chein, Federal University of Juiz de Fora

**132. Tourism, Amenities and Consumption in Cities --Saturday Nov 11 / 10:30 AM-12:30 PM / Cavendish**

**Chair:** Jamie Chen, VU Amsterdam

- *Travelers' Marginal Willingness to Pay for Ridesharing: A Modeling Study on China* Jamie Chen, VU Amsterdam; Jesper de Groote, Vrije Universiteit Amsterdam; Tracy Lu, University of Kentucky; James Petrick, Texas A&M University; Peter Nijkamp, Tinbergen Institute
- *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

- *Street Corridor and Green Space Concept 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
- Jamie Chen, VU Amsterdam
- Maksim Belitski, University of Reading

**133. UEA 09C Advances in Data and Econometrics II --  
Saturday Nov 11 / 10:30 AM-12:30 PM / 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; O.D Levkovich, VU University of Amsterdam; Ismir Mulalic, Kraks Fond Institute for Urban Economic Research
- *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

**134. Local Public Finance III --Saturday Nov 11 / 10:30 AM-12:30 PM / Dover**

**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

**Discussants:**

- Sergio Contreras, University of Illinois
- Johan Lundberg, Umea university, Sweden
- Daisuke Ikazaki, Japan Women's University

**135. Special Session in Honor of Raymond Florax II - Econometric Methods --Saturday Nov 11 / 10:30 AM-12:30 PM / English Bay**

**Chair:** Peter Mulder, Free University, Amsterdam

- *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

**Discussants:**

- Jason Brown, Federal Reserve Bank of Kansas City
- Jean-Claude Thill, University of North Carolina - Charlotte
- Peter Mulder, Free University, Amsterdam
- Michael Delgado, Purdue University

**136. UEA 09A Cities and Trade I --Saturday Nov 11 / 10:30 AM-12:30 PM / Grouse**

**Chair:** Jonathan Dingel, University of Chicago

- *Cities, Productivity and Trade* Alvaro Garcia-Marin, University of Chile; Andrei Victor Potlogea, University of Edinburgh; Nico Voigtlaender, 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

**137. Housing VIII --Saturday Nov 11 | 10:30 AM-12:30 PM | Kensington**

**Chair:** Ziye Zhang, Cornell University

- *Modeling Buy-Seller in Housing Market---A Bidding Network Perspective to Understand Market Mechanism* 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
- *The Impact of Shared Amenities on Condominium Resale Values in Tokyo* Kayo Tajima, Rikkyo University
- *How Auctions Amplify House-Price Fluctuations* Alina Arefeva, Johns Hopkins University

**Discussants:**

- Alina Arefeva, Johns Hopkins University
- Ziye Zhang, Cornell University
- Dag Einar Sommervoll, Norwegian University of Life Sciences
- Kayo Tajima, Rikkyo University

**138. Labor IV --Saturday Nov 11 | 10:30 AM-12:30 PM | 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 Hirschenauer, Institute of Employment Research (IAB)
- *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
- Jouke van Dijk, University of Groningen

**139. Local Economic Development II --Saturday Nov 11 / 10:30 AM-12:30 PM | Prince of Wales**

**Chair:** Andy Hong, University of British Columbia

- *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
- *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

**140. Productivity II --Saturday Nov 11 / 10:30 AM-12:30 PM | Regency D**

**Chair:** Abigail Cooke, SUNY - Buffalo

- *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, Utrecht University
- *Do Attitudes Shape the Economic Effects of Local Immigrant Diversity?* Abigail Cooke, SUNY - Buffalo; Thomas Kemeny, University of Southampton

**Discussants:**

- Abigail Cooke, SUNY - Buffalo
- John Gibson, University of Waikato
- Nicola Cortinovis, Erasmus University Rotterdam

**141. Technology and Innovation --Saturday Nov 11 / 10:30 AM-12:30 PM | Brighton**

**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

**Discussants:**

- Laurie Schintler, George Mason University
- Peter Stenberg, Economic Research Service - USDA
- Nobuaki Hamaguchi, Kobe University

**142. Public Transportation --Saturday Nov 11 / 10:30 AM-12:30 PM / Turner**

**Chair:** Xiaofang Dong, Xiamen University

- *Commute Mode and Residential Location Choice* 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 Aboukacem, University of Lille1

**Discussants:**

- El-Mehdi Aboukacem, University of Lille1
- Andrea Craig, Queen's University
- Xiaofang Dong, Xiamen University

**143. Poverty II --Saturday Nov 11 / 10:30 AM-12:30 PM / Seymour**

**Chair:** Alfredo Cartone, University G. d'Annunzio of Chieti-Pescara

- *Income inequality and regional economic divergence* Robert Manduca, Harvard University
- *Spatial effects in material deprivation: the case of Italy* Alfredo Cartone, University G. d'Annunzio of Chieti-Pescara; 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
- Robert Manduca, Harvard University
- Alfredo Cartone, University G. d'Annunzio of Chieti-Pescara

**144. UEA 09B China II --Saturday Nov 11 / 10:30 AM-12:30 PM / Stanley**

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

- *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:**

- Chun "KC" Kuang, East Carolina University
- Yang (Zoe) Yang, National University of Singapore
- Wangyang Lai, Ohio State University

**145. Transportation III --Saturday Nov 11 / 10:30 AM-12:30 PM / Tennyson**

**Chair:** Robin Lindsey, University of British Columbia

- *Subways and Urban Air Pollution* Stefano Polloni, Brown University; Nicolas Gendron-Carrier, University of Toronto; Marco Gonzalez-Navarro, University of Toronto; Matthew Turner, Brown University
- *Travel Behaviour and Built Environment Effects on Subjective Well-Being* Stephen McCarthy, Dalhousie University; M. Ahsanul Habib, Dalhousie 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
- *A Way toward Prosperity: Ex-Post Economic Impact Analysis of Snow Mountain Tunnel toward I-lan County* Yi-ting Chiu, George Mason U.

**Discussants:**

- Yi-ting Chiu, George Mason U.
- Stefano Polloni, Brown University
- Stephen McCarthy, Dalhousie University
- Robin Lindsey, University of British Columbia

**146. Regional and Rural Development VII: Households, Education, and Amenities --Saturday Nov 11 / 10:30 AM-12:30 PM / Constable**

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

**Chair:** Tessa Conroy, University of Wisconsin - Madison



- *Betting on the Over/Under: Education and Entrepreneurship* Tessa Conroy, University of Wisconsin - Madison; Philip Watson, University of Idaho
- *The geographies of rising mortality rates among rural working-age whites* David McGranahan, USDA Economic Research Service; Tim Parker, USDA Economic Research Service
- *Inclusive Endogenous Growth: A Critique to the Empirics of Economic Growth* Gil H. Park, Daegu University
- *Analysis of Levels of Social Security Payment of Rural Elderly Households* Deokho Cho, Daegu University; Youngsook Chung, Daegu University; Changwhan Yeo, Daegu University

**Discussants:**

- David McGranahan, USDA Economic Research Service
- Deokho Cho, Daegu University
- Tessa Conroy, University of Wisconsin - Madison
- Philip Watson, University of Idaho

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

**NARSC Awards Luncheon --Saturday Nov 11 / 12:30 PM-2:30 PM / Regency ABC**

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

**147. Local Economic Development III --Saturday Nov 11 / 2:45 PM-4:45 PM / Balmoral**

**Chair:** Matt Kures, University of Wisconsin Extension

- *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* Michal Dziecielski, Adam Mickiewicz University, Poznan, Poland; Karima Kourtiti, KTH Royal Institute of Technology; Peter Nijkamp, Tinbergen Institute; Waldemar Ratajczak, Adam Mickiewicz University
- *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

**Discussants:**

- John Osth, Uppsala University
- Matt Kures, University of Wisconsin Extension

- Michal Dziecielski, Adam Mickiewicz University, Poznan, Poland

**148. Labor V --Saturday Nov 11 | 2:45 PM-4:45 PM | Cavendish**

**Chair:** Wade Litt, Ohio State University

- *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
- Rodrigo Perez, The Ohio State University
- Wade Litt, Ohio State University

**149. Poverty III --Saturday Nov 11 | 2:45 PM-4:45 PM | Constable**

**Chair:** Esteban Lopez, University of Illinois

- *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
- Tammy Leonard, University of North Texas
- Esteban Lopez, University of Illinois

**150. Transport and Land Use Interactions --Saturday Nov 11 / 2:45 PM-4:45 PM | 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

**151. Trade & Industrial Linkages--Saturday Nov 11 / 2:45 PM-4:45 PM | Dover**

**Chair:** Daidai Shen, University of North Carolina - Charlotte

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

**Discussants:**

- Shin-Kun Peng, Academia Sinica
- Paul Jung, University of North Carolina at Charlotte
- Daidai Shen, University of North Carolina - Charlotte

**152. Special Session in Honor Raymond Florax III - Econometric Methods --Saturday Nov 11 / 2:45 PM-4:45 PM | English Bay**

**Organizers:** Peter Mulder, Free University, Amsterdam; Michael Delgado, Purdue University

**Chair:** Peter Mulder, Free University, Amsterdam

- *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* James LeSage, Texas State University; Nicolas Debarsy,
- *A Spatial Perspective on the Econometrics of Treatment Effect Evaluation* Marynia Kolak, University of Chicago; Luc Anselin, University of Chicago

**Discussants:**

- James LeSage, Texas State University
- Arno van der Vlist, University of Groningen
- Kelley Pace, Louisiana State University
- Jan Rouwendal, Vrije Universiteit, Amsterdam

**153. UEA 10A Crime II --Saturday Nov 11 | 2:45 PM-4:45 PM | 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:**

- Ross Hickey, University of British Columbia
- Kenzo Asahi, Pontificia Universidad Catolica de Chile
- David C Phillips, University of Notre Dame
- Justin Gallagher, Case Western Reserve University

**154. Industrial Issues V --Saturday Nov 11 | 2:45 PM-4:45 PM | 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
- *Urban Density and Firms' Stock Returns* Mahsa Memarian, IESE Business School; Carles Vergara Alert, IESE Business School
- *Intra-Urban Wage Gradient Revisited: Spatial Disequilibrium or Agglomeration Economies?* Yue (Chris) Hua, Hunan University; Mark Partridge, Ohio State University

**Discussants:**

- Yue (Chris) Hua, Hunan University
- Mathieu Steijn, Utrecht University
- Mahsa Memarian, IESE Business School

**155. Regional Innovation --Saturday Nov 11 / 2:45 PM-4:45 PM / 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 Dyeve, 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

**156. Regional Economic Effects of Disasters --Saturday Nov 11 / 2:45 PM-4:45 PM / Regency D**

**Organizers:** Yasuhide Okuyama, The University of Kitakyushu; Stephanie E. Chang, University of British Columbia

**Chair:** Yasuhide Okuyama, The University of Kitakyushu

- *The Challenge of Estimating the Impact of Disasters: many approaches, many limitations and a*

*compromise* Andre Fernandes Tomon Avelino, University of Illinois at Urbana-Champaign; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

- *Disaster and Economic Growth: Theoretical Perspectives* Yasuhide Okuyama, The 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
- *Social Capital Structure Analysis for Earthquake waste management* Kiyomi Kawamoto, Toyo University

**Discussants:**

- Sasakawa Maki, Kobe University
- Kiyomi Kawamoto, Toyo University
- Stephanie E. Chang, University of British Columbia
- Yasuhide Okuyama, The University of Kitakyushu

**157. Borders and Transportation Infrastructure --Saturday Nov 11 | 2:45 PM-4:45 PM | Brighton**

**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

**Discussants:**

- Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign
- Roberta Camagni, Politecnico di Milano
- Lars Westin, Umeå University

**158. Services and Accessibility --Saturday Nov 11 | 2:45 PM-4:45 PM | Turner**

**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?* Stephanie Souche-Le Corvec, University of Lyon; Aurélie Aurélie Mercier, University of Lyon

**Discussants:**

- Stephanie Souche-Le Corvec, University of Lyon
- Hiranya K Nath, Sam Houston State University
- Zhuoran Shan, Huazhong University of Science and Technology

**159. Taxes and Public Finance --Saturday Nov 11 | 2:45 PM-4:45 PM | 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

**160. UEA 10B Advances in Theory II --Saturday Nov 11 | 2:45 PM-4:45 PM | Stanley**

**Chair:** Minoru Osawa, Tohoku 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

**Discussants:**

- Michael Paul Pflüger, University of Würzburg
- Minoru Osawa, Tohoku University
- Thi Thu Huyen Tran, University of Luxembourg

**161. Social Interactions --Saturday Nov 11 | 2:45 PM-4:45 PM / Tennyson**

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

- *Comparative analysis of referendums in Japanese Local Government* Yosuke Sunahara, Kobe University
- *Financial Satisfaction as a Mediator between Social Capital and Well Being of Older Adults -A comparative study of 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
- Alan Brown, Chonnam National University
- Yuri Mansury, Illinois Institute of Technology

**162. Regional and Rural Development VIII: Application of Frontier Methods --Saturday Nov 11 | 2:45 PM-4:45 PM / Prince of Wales**

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

**Chair:** Dan Rickman, Oklahoma State 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
- *The Great Divide? Economic Exposure to Brexit in Regions on both Sides of the Channel* Wen Chen, University of Groningen; Bart Los, University of Groningen; Philip McCann, University of Sheffield; Raquel Ortega-Argiles, University of Birmingham; Mark Thissen, PBL Netherlands Environment Assessment Agency; Frank Van Oort, Utrecht University

**Discussants:**

- Dan Rickman, Oklahoma State University
- Kevin Crofton, Colorado State University
- Ryan Levitt, Colorado State University
- Stephan Weiler, Colorado State University

## Participant Index

Abayateye, Philemon (philemonkwame@gmail.com): 17  
Aboulkacem, El-Mehdi (el-mehdi.aboulkacem@hotmail.fr): 142  
Abreu, Maria (ma405@cam.ac.uk): 58 , 127  
Accetturo, Antonio (antonio.accetturo@bancaditalia.it): 51  
Adam, Arnaud (a.adam@uclouvain.be): 32  
Adams, Philip (philip.adams@vu.edu.au): 3  
Agarwal, Sumit (ushakri@yahoo.com): 46  
Ahn, Jae-Wan (ahn.218@osu.edu): 17 , 70  
Ait-Ali, Abdelaaziz (Abdelaaziz.AITALI@ocppc.ma): 42  
Akamatsu, Takashi (akamatsu@plan.civil.tohoku.ac.jp): 160  
Akbar, Prottoy Aman (paa36@pitt.edu): 75 , 100  
Akbar, Prottoy Aman (paa36@pitt.edu): 100  
Akune, Yuko (yakune@reitaku-u.ac.jp): 42 , 91 , 110  
Alba, Carlos (kakarlos\_07@hotmail.com): 126  
Albertson, Kevin (k.albertson@mmu.ac.uk): 2  
Albouy, David (albouy@illinois.edu): 99 , 111 , 117  
Aliprantis, Dionissi (dionissi.aliprantis@clev.frb.org): 27  
Allen, Jeff (jeff.allen@mail.utoronto.ca): 14  
Allen, Karl (kalle0@larp.umass.edu): 20  
Almeida, Edilberto (edilbertotiago@hotmail.com): 148  
Almeida, Eduardo (edualmei@gmail.com): 41 , 86  
Alves, Fátima Lopes (malves@ua.pt): 65  
Alves, Guillermo (guillealves@gmail.com): 92  
Anantsuksomsri, Sutee (aehsutee@gmail.com): 1 , 6  
Anas, Alex (alexanas@buffalo.edu): 75  
Anderson, Taylor (taylora@sfu.ca): 77  
Andreano, Maria Simona (s.andreano@unimercatorum.it): 143  
Andris, Clio (clio.andris@gmail.com): 77  
Anselin, Luc (anselin@uchicago.edu): 55 , 152  
Arbia, Giuseppe (giusepppearbia13@gmail.com): 50  
Arduini, Tiziano (tiziano.arduini@unibo.it): 133  
Arefeva, Alina (alina.arefeva@gmail.com): 120 , 137  
Aroca, Patricio (patricio.aroca@uai.cl): 55 , 125 , 149  
Arteaga, Lola (arteaga.mdo@gmail.com): 93  
Aryal, Giri (aryalgir@msu.edu): 112  
Asahi, Kenzo (kasahi@uc.cl): 153  
Audretsch, David (daudrets@indiana.edu): 95  
Ayala, Jhorland (jayalaga@banrep.gov.co): 103  
Azimi, Mohammad Masoud (eng.mmazimi@gmail.com): 53  
Azzoni, Carlos (cazzoni@usp.br): 114  
Backman, Mikaela (mikaela.backman@ju.se): 9 , 96  
Bagchi-Sen, Sharmistha (geosbs@buffalo.edu): 34  
Ball, Kristin (kriball@umflint.edu): 6  
Baltagi, Badi H (bbaltagi@maxwell.syr.edu): 49  
Banai, Reza (rbandai@memphis.edu): 124  
Bardaka, Eleni (ebardak@ncsu.edu): 14 , 29 , 84 , 108 , 119  
Barrington-Leigh, Chris (cpbl@alumni.stanford.edu): 60 , 100  
Barron, Kyle (kylebarron101@ucla.edu): 37  
Bartelme, Dominick (dbartelm@umich.edu): 136  
Bartholomae, Florian (florian.bartholomae@unibw.de): 139  
Barufi, Ana (ana.barufi@gmail.com): 14  
Bastos, Suzana Quinet (quinet.bastos@ufjf.edu.br): 41  
Batabyal, Amit (aabgsh@rit.edu): 33 , 72  
Batey, Peter (pwjbatey@liv.ac.uk): 62  
Baum-Snow, Nathaniel (Nate.Baum-Snow@Rotman.Utoronto.Ca): 92

Bayer, Patrick (patrick.bayer@duke.edu): 59  
 Becerril, Luis (email not available): 135  
 Becker, Charles (cbecker@duke.edu): 59  
 Bédard, Louis-Philippe (louis-philippe.bedard.2@ulaval.ca): 104  
 Behrens, Kristian (kristian.behrens@gmail.com ): 67 , 133  
 Beladi, Hamid (Hamid.Beladi@utsa.edu): 72  
 Beland, Louis-Philippe (lbeland@lsu.edu): 54  
 Belitski, Maksim (m.belitski@reading.ac.uk): 132  
 Bera, Anil (abera@illinois.edu): 50  
 Berdegue, Julio (julio.berdegue@fao.org): 24  
 Berkes, Enrico (enrico.berkes@u.northwestern.edu): 128  
 Berliant, Marcus (berliant@wustl.edu): 4  
 Berns, John P. (jberns@bus.olemiss.edu): 115  
 Besharati-zadeh, arezoo (arezoo.bz@berkeley.edu): 55  
 Bibler, Andrew (ajbibler@alaska.edu): 27  
 Billings, Stephen (stephen.billings@colorado.edu): 27  
 Binette, Antoine (antoine.binette.1@ulaval.ca): 104  
 Bjerke, Lina (lina.bjerke@ju.se): 96  
 Black, Kaine (kblack2@unb.ca): 93  
 Blair, Peter (pqblair@gmail.com): 59  
 Blankespoor, Brian (bblankespoor@worldbank.org): 13  
 Blien, Uwe (uwe.blien@iab.de): 58 , 71 , 138  
 Blouri, Yashar (yashar.blouri@vwi.unibe.ch): 4  
 Boarnet, Marlon (boarnet@price.usc.edu): 84 , 108  
 Boeri, Filippo (f.boeri@lse.ac.uk): 107  
 Boffa, Federico (federico.boffa@unibz.it): 54  
 Boisjoly, Genevieve (genevieve.boisjoly@mail.mcgill.ca): 29  
 Boje-Kovacs, Bence (bbk@kraksfond.dk): 161  
 Bollinger, Christopher R. (crboll@email.uky.edu): 122  
 Bonet, Jaime (jbonetmo@banrep.gov.co): 103  
 Bonilla, Leonardo (lbonilme@banrep.gov.co): 76 , 149  
 Borck, Rainald (rainald.borck@uni-potsdam.de): 13  
 Bostic, Raphael (bostic@usc.edu): 84 , 108  
 Bougna, Theophile (tbougna@worldbank.org): 13  
 Bowen, William M (w.bowen@csuohio.edu): 15  
 Boyce, David (dboyce@uic.edu): 25 , 62 , 113  
 Brachert, Matthias (matthias.brachert@iwh-halle.de): 68  
 Bracke, Philippe (philippe.bracke@bankofengland.co.uk): 22  
 Brakman, Steven (s.brakman@rug.nl): 33 , 98  
 Brent, Daniel (dbrent@lsu.edu): 54  
 Brinkman, Jeffrey (calhoonbrinkman@gmail.com): 66  
 Brixy, Udo (udo.brixy@iab.de): 129  
 Brooks, Jonathan (j-brooks@tti.tamu.edu): 29  
 Brouwer, Aleid (a.e.brouwer@rug.nl): 127  
 Brown, Alan (sanikangi@gmail.com ): 161  
 Brown, Jason (jason.brown@kc.frb.org): 30 , 135  
 Brown, Mark (mark.brown@canada.ca): 63  
 Broxterman, Daniel (dbroxterman@fsu.edu): 131  
 Brueckner, Jan K (jkbrueck@uci.edu): 102  
 Brunow, Stephan (stephan.brunow@iab.de): 129  
 Buckley, Patrick (patrick.buckley@wwu.edu): 42  
 Budaeva, Ksenia (kseniabudaeva@gmail.com): 39  
 Bunten, Devin (devinbunten@gmail.com): 79 , 97 , 130  
 Burger, Martijn (mburger@ese.eur.nl): 121  
 Burinskiy, Gene (burinski@usc.edu): 104  
 Busey, Andrew Hart (abusey@bu.edu): 35  
 Cai, Tengting (tcai1@uncc.edu): 93  
 Camagni, Roberta (10001195@polimi.it): 157  
 Cameron, Michael (mcam@waikato.ac.nz): 88

Cano-Urbina, Javier (jcanourbina@fsu.edu): 69  
 Cao, Kai (caokaisqtv@gmail.com): 6  
 Capello, Roberta (10001195@polimi.it): 78 , 95 , 157  
 Caragliu, Andrea (andrea.caragliu@polimi.it): 157  
 Carrillo, Paul (pcarrill@gwu.edu): 43  
 Carozzi, Felipe (f.carozzi@lse.ac.uk): 22  
 Carpio, Carlos (carlos.carpio@ttu.edu): 3  
 Carruthers, John (jic@gwu.edu): 46 , 76 , 91 , 110  
 Cartone, Alfredo (alfredo.cartone@unich.it): 143  
 Caruso, Geoffrey (geoffrey.caruso@uni.lu): 114  
 Castillo, Marcelo (marcelo.castillo@ers.usda.gov): 30  
 Castro Mendez, Edgar Orlando (ecastrom71@gmail.com): 43  
 Castro Rosales, Gregorio (gregoriocr@gmail.com): 1 , 64  
 Castro-Rosales, Gregorio (email not available): 1  
 Cavalheri, Emerson ( e.cavalheri@unb.ca): 60  
 Cerda, Arcadio (cerda.arcadio@gmail.com): 125  
 Chacon-Hurtado, Davis (dchaconh@purdue.edu): 104  
 Chagas, Andre (achagas@usp.br): 114  
 Chan, Jeff (jchan@wlu.ca): 11  
 Chan, Jimmy (email not available): 21  
 Chang, Huibin (hc73@buffalo.edu): 75  
 Chang, Stephanie E. (stephanie.chang@ubc.ca): 61 , 156  
 Chapelle, Guillaume (gc.chapelle@gmail.com): 18 , 128  
 Chasco, Coro (coro.chasco@uam.es): 55  
 Chauvin, Juan Pablo (chauvin@g.harvard.edu): 19  
 Chein, Flavia (flavia.chein@ufjf.edu.br): 131  
 Chen, Jamie (jamie.chen@vu.nl): 119 , 132  
 Chen, Qi (qichen@hawaii.edu): 42  
 Chen, Wei (chen.4863@osu.edu): 123  
 Chen, Wen (wen.chen@rug.nl): 162  
 Chen, Yong (yong.chen@oregonstate.edu): 46  
 Chen, Zhangliang (zchen105@illinois.edu): 46  
 Chen, Zhenhua (chen.7172@osu.edu): 73 , 97  
 Cheng, Cheng (cheng@olemiss.edu): 47  
 Cheung, Ron (rcheung@oberlin.edu): 106  
 Chiu, Yi-ting (doublechiu@gmail.com): 32 , 145  
 Cho, Deokho (chodh@daegu.ac.kr): 146  
 Cho, Jae B. (jc2664@cornell.edu): 161  
 Cho, John (joongkoo.cho@gmail.com): 84  
 Cho, Seong-Hoon (scho9@utk.edu): 91  
 Choi, Simon (choistar@cau.ac.kr): 84  
 Chun, Yongwan (ywchun@utdallas.edu): 93 , 101  
 Chung, Seung-hun (chung.627@osu.edu): 89 , 139  
 Chung, Youngsook (annach@daegu.ac.kr): 146  
 Church, Rick (church@geog.ucsb.edu): 56 , 74 , 90  
 Ciccarelli, Carlo (carlo.ciccarelli@uniroma2.it): 55  
 Cicerone, Gloria (gloria.cicerone@gmail.com): 127  
 Clapp, Christopher M. (cclapp@fsu.edu): 69  
 Clark, Michael W. (michael.clark@uky.edu): 122  
 Cloutier, Marie-Soleil (marie-soleil.cloutier@ucs.inrs.ca): 28  
 Coate, Patricke (pecoate@gmail.com): 68  
 Cochrane, William (Bill) (billc@waikato.ac.nz): 1  
 Cohen, Jeffrey P (Jeffrey.Cohen@business.uconn.edu): 49  
 Coles, Peter (email not available): 92  
 Collins, Alan (Alan.Collins@mail.wvu.edu): 86  
 Collins, Michael (jmcollins@wisc.edu): 38  
 Conroy, Tessa (Tessa.Conroy@wisc.edu): 44 , 146 , 147  
 Constantino, Edivaldo (edivaldoconstantino@gmail.com): 114  
 Contreras, Sergio (scontre2@illinois.edu): 134  
 Cooke, Abigail (amcooke@buffalo.edu): 96 , 140

Corcoran, Jonathan (jj.corcoran@uq.edu.au): 48  
 Corradin, Stefano (Stefano.Corradin@ecb.int): 120  
 Cortinovis, Nicola (cortinovis@ese.eur.nl): 64 , 140  
 Cosman, Jacob (jacob.cosman@gmail.com): 109  
 Cosman, Jacob Neal (jacob.cosman@jhu.edu): 51  
 Coughlin, Cletus (coughlin@stls.frb.org): 49  
 Coulson, Edward (fyj@psu.edu): 18 , 102  
 Couture, Victor (couture@berkeley.edu): 21 , 75  
 Craft, Andrea (acraft2@uic.edu): 105  
 Craig, Andrea (craiga@econ.queensu.ca): 142  
 Crawley, Andrew (andrew.crawley@maine.edu): 39  
 Credit, Kevin (creditke@msu.edu): 23 , 84  
 Crescenzi, Riccardo (r.crescenzi@lse.ac.uk): 64 , 155  
 Crews, Jonas (Jonas.Crews@stls.frb.org): 49  
 Crofton, Kevin (chippythegreat@gmail.com): 162  
 Crown, Daniel (crown.17@osu.edu): 48 , 95  
 Cunningham, Chris (ccunnin75@gmail.com): 128  
 Cutler, Harvey (Harvey.Cutler@colostate.edu): 73 , 94 , 162  
 D'Ambrosio, Anna (anna.dambrosio@polito.it): 129  
 D'Lima, Walter (wdlima@nd.edu): 18  
 Dahlberg, Matz (matz.dahlberg@nek.uu.se): 59  
 Dall Erba, Sandy (dallerba@illinois.edu): 46 , 76 , 91 , 110 , 119  
 Daniel, Sylvie (sylvie.daniel@scg.ulaval.ca): 57  
 Dauth, Wolfgang (wolfgang.dauth@uni-wuerzburg.de): 58 , 102  
 Davalos, Eleonora (edavalosa@eafit.edu.co): 10  
 Davis, Donald R (drdavis@columbia.edu): 136  
 Davis, Jeffrey (davi4866@colostate.edu): 73  
 Davis, Morris (morris.a.davis@rutgers.edu): 27  
 Davlasheridze, Meri (davlashm@tamug.edu): 94  
 de Groote, Jesper (j.de.groote@vu.nl): 132  
 de Palma, André (andre.depalma@ens-cachan.fr): 145  
 de Souza, Isabel Amaral (capubel@hotmail.com): 131  
 Dearmon, Jacob (jdearmon@hotmail.com): 101  
 Debarsy, Nicolas (email not available): 152  
 Deboosere, Robbin (robbin.deboosere@mail.mcgill.ca): 108  
 Delgado, Michael (delgado2@purdue.edu): 81 , 98 , 119 , 126 , 135 , 152  
 Deller, Steven (scdeller@wisc.edu): 44 , 95 , 105 , 147  
 Delloye, Justin (justin.delloye@uclouvain.be): 72 , 114  
 Delvenne, Jean-Charles (jean-charles.delvenne@uclouvain.be): 32  
 Demircioglu, Mehmet (mdemirci@umail.iu.edu): 95  
 DePaolis, Fernando (fdempaolis@miis.edu): 26  
 Desai, Sameeksha (desai@indiana.edu): 132  
 Desaulniers, Sarah (sarah.desaulniers.2@ulaval.ca): 28 , 104  
 Desjardins, Pierre-Marcel (pierre-marcel.desjardins@umoncton.ca): 10  
 Deur, Julien (julien.deur@eleves.enpc.fr): 114  
 Diamond, Rebecca (diamondr@stanford.edu): 7  
 Diaz-Lanchas, Jorge (Jorge.DIAZ-LANCHAS@ec.europa.eu): 119  
 Ding, Chengri (cding@umd.edu): 53  
 Ding, Xiaozhou (xiaozhou.ding@uky.edu): 122  
 Dingel, Jonathan (jonathan.dingel@gmail.com): 91 , 110 , 136  
 Dobis, Elizabeth (edobis@psu.edu): 81 , 98  
 Dodini, Samuel (sdodini@gmail.com): 38  
 Dogan, Osman (odogan@illinois.edu): 50  
 Doh, Soogwan (doh.soogwan@gmail.com): 39  
 Doloi, Hemanta (hdoloi@unimelb.edu.au): 157  
 Domingues, Edson Paulo (domingues.edson@gmail.com): 82

Dominguez, Patricio (pdominguez@berkeley.edu): 153  
 Donaghy, Kieran (kpd23@cornell.edu): 8 , 91 , 110  
 Donegan, Connor (connor.donegan@gmail.com): 149  
 Dong, Xiaofang (xfangdong@gmail.com): 142  
 Dotzel, Kathryn (krdotzel@gmail.com): 95 , 112  
 Dragicevic, Suzana (suzanad@sfu.ca): 57 , 77 , 93 , 101  
 Drucker, Joshua (jdruck@uic.edu): 105  
 Dubé, Jean (jean.dube@esad.ulaval.ca): 28 , 84 , 104  
 Dudensing, Rebekka (rmdudensing@tamu.edu): 3 , 29  
 Durantón, Gilles (duranton@wharton.upenn.edu): 75  
 Dyevre, Arnaud (a.dyevre@lse.ac.uk): 155  
 Dziecielski, Michal (michal.dziecielski@gmail.com): 147  
 Eberhard, Juan (juan.eberhard@uai.cl): 125  
 Edgington, David William (david.edgington@ubc.ca): 116  
 Egesdal, Michael (email not available): 92  
 Egsgaard, Aske (aep@kraksfond.dk): 37  
 Ehrlich, Maximilian von (maximilian.vonehrlich@vwi.unibe.ch):  
 4 , 7 , 43  
 Eisenlohr, Andrew (eisenloh@usc.edu): 108  
 Eklund, Johan (johan.eklund@entreprenorskapsforum.se): 132  
 El-Geneidy, Ahmed (ahmed.elgeneidy@mcgill.ca): 29 , 108  
 Elhorst, Paul (j.p.elhorst@rug.nl): 55  
 Ellen, Ingrid (ingrid.ellen@nyu.edu): 92  
 Elmlund, Peter (email not available): 45  
 Engler, John-Oliver (engler@leuphana.de): 80  
 Eppelsheimer, Johann (johann.eppelsheimer@iab.de): 115 ,  
 131  
 Erfanian, Elham (elhamerfanian@mix.wvu.edu): 86  
 Esnard, Ann-Margaret (ajlamadrid@lehigh.edu): 76  
 Esqueda Walle, Ramiro (resquedaw@docentes.uat.edu.mx): 1 ,  
 64  
 Esteves, Tanya C.J. (tanyae@ua.pt): 65  
 Faber, Benjamin (benfaber@econ.berkeley.edu): 21  
 Faberman, Jason (jfaberman@frbchi.org): 99  
 Faggian, Alessandra (alessandra.faggian@gssi.it): 16 , 36 , 48  
 Fang, Li (kfang@umd.edu): 2  
 Fantechi, Federico (federico.fantechi@gssi.it): 36  
 Farber, Steven (steven.farber@utoronto.ca): 14 , 29  
 Fedele, Alessandro (alessandro.fedele@unibz.it): 54  
 Feng, Bo (feng.411@buckeyemail.osu.edu): 58  
 Feng, Xin (xin.feng@geog.ucsb.edu): 56 , 90  
 Ferguson, Mark (email not available): 123  
 Ferguson, Shon (shon.ferguson@ifn.se): 63  
 Fernandes Tomon Avelino, Andre (fernand17@illinois.edu): 156  
 Fevriera, Sotya (s.fevriera@vu.nl): 53  
 Figueroa-Armijos, Maria (mfigueroaarmijos@gmail.com): 82 ,  
 115  
 Fillat, Jose (jose.fillat@bos.frb.org): 120  
 Firgo, Matthias (matthias.firgo@wifo.ac.at): 127  
 Fisher, Paul J. (pauljfisher@email.arizona.edu): 153  
 Florax, Raymond (rflorax@purdue.edu): 81 , 98 , 119  
 Folch, David (dfolch@fsu.edu): 77 , 88  
 Folmer, Henk (h.folmer@rug.nl): 46 , 70 , 76 , 91 , 106 , 110  
 Foster, William (wfoster@uc.cl): 148  
 Franco, Sofia (sfranco@novasbe.pt): 102  
 Franklin, Rachel (rachel\_franklin@brown.edu): 88  
 Frenette, Jean-François (frenettejf@agr.gc.ca): 155  
 Freshwater, David (david.freshwater@uky.edu): 95  
 Frick, Susanne (s.a.frick@lse.ac.uk): 71  
 Fricker, Jon D. (fricker@purdue.edu): 104

Fritz, Benedikt (b.fritz@zeppelin-university.net): 40  
 Frye, Dustin (dufrye@vassar.edu): 83  
 Fu, Shihe (fushihe@xmu.edu.cn): 144  
 Fu, Yuming (Real Estate): 67 , 107  
 Fukumura, Koichi (u958467k@ecs.osaka-u.ac.jp): 68  
 Fung, Juan (juan.fung@nist.gov): 94  
 Gaboardi, James (jgaboardi@fsu.edu): 77  
 Gabriel, Stuart A (sgabriel@anderson.ucla.edu): 102  
 Gaetani, Ruben (ruben.gaetani@rotman.utoronto.ca): 128  
 Gallagher, Justin (jpg75@case.edu): 153  
 Gallagher, Ryan Michael (r-gallagher1@neiu.edu): 7  
 Gallardo, Roberto (roberto.gallardo@msstate.edu): 95  
 Gallin, Joshua (joshua.h.gallin@frb.gov): 49  
 Galvis, Luis (lgalvis74@gmail.com): 126  
 Ganau, Roberto (roberto.ganau@unipd.it): 64  
 Gao, Hong (gaohong@fudan.edu.cn): 82  
 Garcia, Laidy (leidyyomary@gmail.com): 125  
 Garcia-Lopez, Miquel Angel (MiquelAngel.Garcia@uab.cat): 98  
 Garcia-Lopez, Miquel-Angel (miquelangel.garcia@uab.cat): 67  
 Garcia-Marin, Alvaro (algarcia@fen.uchile.cl): 136  
 Garduno-Rivera, Rafael (rafael.garduno@cide.edu): 13 , 33  
 Garretsen, Harry (j.h.garretsen@rug.nl): 33 , 98  
 Geerdsen, Lars Pico (lp@kraksfond.dk): 37  
 Gelan, Ayele (augelana@gmail.com): 3  
 Gendron-Carrier, Nicolas  
 (nicolas.gendron.carrier@mail.utoronto.ca): 145  
 German-Soto, Vicente (vicentegerman@uadec.edu.mx): 155  
 Gerritse, Michiel (michiel.gerritse@rug.nl): 98  
 Getis, Arthur (arthur.getis@sdsu.edu): 8  
 Ghani, Ejaz (eghani@worldbank.org): 75  
 Gibbons, Stephen (s.gibbons@lse.ac.uk): 83  
 Gibson, John (jkgibson@waikato.ac.nz): 129 , 140  
 Giesecke, James (james.giesecke@vu.edu.au): 103  
 Gkritza, Nadia (nadia@purdue.edu): 14 , 104 , 150  
 Glover, Malcolm (malcolmglover1@gmail.com): 126  
 Godavarthy, Ranjit (ranjit.godavarthy@ndsu.edu): 29  
 Goemans, Chris (Chris.Goemans@colostate.edu): 162  
 Goetz, Stephan (sgj16@psu.edu): 24 , 95 , 112  
 Goetzke, Frank (f0goet01@louisville.edu): 107  
 Gong, Zhaoya (haydong@gmail.com): 57 , 77 , 93 , 101  
 Gonzalez-Navarro, Marco  
 (marco.gonzalez.navarro@utoronto.ca): 145  
 Gonzalez-Vizuet, Rodrigo (lgonviz@hotmail.com): 33  
 Goodman, Christopher (cbgoodman@unomaha.edu): 103  
 Gottlieb, Paul D (gottlieb@aesop.rutgers.edu): 24  
 Gould Ellen, Ingrid (ingrid.ellen@nyu.edu): 92  
 Graziano, Marcello (grazi1m@cmich.edu): 33  
 Greenhalgh-Stanley, Nadia (ngreenha@kent.edu): 69  
 Greenlee, Andrew J (agreen4@illinois.edu): 134  
 Gregory, Jesse (jmgregory@ssc.wisc.edu): 27  
 Griffith, Daniel (dagriffith@utdallas.edu): 93 , 101  
 Grisé, Emily (emily.grise@mail.mcgill.ca): 29  
 Grossman, Daniel Grossman  
 (Daniel.Grossman@mail.wvu.edu): 86  
 Gu, Yizhen (yizhengu@gmail.com): 21  
 Guihéry, Laurent (laurent.guihery@u-cergy.fr): 10  
 Guillain, Rachel (guillain@u-bourgogne.fr): 89  
 Gutiérrez Flores, Luis (luis.gutierrez@uadec.edu.mx): 155  
 Habib, M. Ahsanul (ahsan.habib@dal.ca): 145  
 Haddad, Eduardo (ehaddad@usp.br): 14 , 42 , 64 , 123

Håkonsson Lyngemark, Ditte (dih@kraksfond.dk): 37 , 121  
 Hall, Jonathan (jonathan.hall@utoronto.ca): 54  
 Haller, Peter (peter.haller@iab.de): 102 , 129  
 Halvarsson, Daniel (daniel.halvarsson@ratio.se): 121  
 Hamaguchi, Nobuaki (hamaguchi@rieb.kobe-u.ac.jp): 141  
 Hamann, Silke (Silke.Hamann2@iab.de): 9  
 Han, Lu (lu.han@rotman.utoronto.ca): 85  
 Han, Peter (peter.han@ers.usda.gov): 36  
 Han, Peter (email not available): 36  
 Hansen, Maria Juul (mjh@econ.ku.dk): 118  
 Hansen, Maria Juul (mjh@econ.ku.dk): 118  
 Hanson, Andrew (andrew.r.hason@marquette.edu): 27  
 Hartley, Daniel (daniel.a.hartley@chi.frb.org): 27 , 92  
 Haurin, Donald (haurin.2@osu.edu): 38  
 Haynes, Kingsley (khaynes@gmu.edu): 15 , 45 , 129  
 Head, Keith (keith.head@sauder.ubc.ca): 111  
 Heblich, Stephan (stephan.heblich@bristol.ac.uk): 75 , 83  
 Heilmann, Kilian (kheilman@ucsd.edu): 117  
 Helgeson, Jennifer (helgeson@nist.gov): 94  
 Hembre, Erik Anders (ehembre@uic.edu): 38  
 Henkel, Marcel (marcel.henkel@uni-due.de): 159  
 Hersey, John (john.hersey@rtd-denver.com): 108  
 Heuermann, Daniel F. (daniel.heuermann@ur.de): 129  
 Hewings, Geoffrey J.D. (hewings@illinois.edu): 3 , 61 , 82 , 156  
 , 157  
 Hickey, Ross (rosshickey@gmail.com): 153  
 Higuera, Ivan (ihigueme@banrep.gov.co): 76  
 Hilber, Christian A. L. (c.hilber@lse.ac.uk): 7 , 85  
 Hira, Anil (anil\_hira@sfu.ca): 24  
 Hirschenauer, Franziska (franziska.hirschenauer@iab.de): 138  
 Hodson, Cody (cody-hodson@uiowa.edu): 149  
 Hoffman, Ian (hoffmani@stanford.edu): 133  
 Holmes, Thomas J. (holmes@umn.edu): 109  
 Hong, Andy (andyhong@gmail.com): 106 , 139  
 Hopping, Douglas (doughopp@live.unc.edu): 88  
 Horie, Shinya (horie@econ.kobe-u.ac.jp): 156  
 Horner, Mark (mhorner@fsu.edu): 77  
 Horridge, Mark (mark.horridge@gmail.com): 3  
 Howard, Andrew (andrew.howard@sickkids.ca): 28  
 Hoyt, William H. (whoyt@uky.edu): 122  
 Hsiang, Solomon (shsiang@berkeley.edu): 91  
 Hsu, Tsu-Hsin (hsutzeshin@gmail.com): 65  
 Hu, Wanyang (wanyang@g.ucla.edu): 48 , 104  
 Hu, Yuchen (huyuchen006@gmail.com): 73  
 Hua, Yue (Chris) (huayue\_econ@126.com): 154  
 Huang, Yu (yu.huang@uwaterloo.ca): 57  
 Hug, Jessica (jessica.hug@unige.ch): 136  
 Hughes, Amy (AmyE.Hughes@UTSouthwestern.edu): 149  
 Humphreys, Brad (Brad.Humphreys@mail.wvu.edu): 118  
 Hung, Chi-Tung (ct@mail.mcu.edu.tw): 26  
 Hwang, Ha (hahwang@buffalo.edu): 60  
 Ibarra-Armenta, Cristina (cibarra@uas.edu.mx): 103  
 Ibraimovic, Tatjana (ibraimovic.tatjana@gmail.com): 53  
 Ikazaki, Daisuke (ikazaki@fc.jwu.ac.jp ): 134  
 Iozzi, Alberto (alberto.iozzi@uniroma2.it): 54  
 Irajifar, Leila ( iraji1l@cmich.edu): 33  
 Irwin, Elena (irwin.78@osu.edu): 17 , 18 , 70 , 144  
 Irwin, Nicholas (irwin.114@osu.edu): 18 , 52  
 Isabelle, Thomas (isabelle.thomas@uclouvain.be): 32  
 Ito, Daisuke (d133505@edu.tut.ac.jp): 118



Itoh, Ryo (itoh@se.is.tohoku.ac.jp): 11  
 Jablonski, Becca (beccajablonski@gmail.com): 63  
 Jackson, Randall W (Randall.Jackson@mail.wvu.edu): 15 , 20 , 79  
 Jales, Hugo (hbjaless@maxwell.syr.edu): 35  
 Jamme, Hue-Tam (jamme@usc.edu): 108  
 Jang, Duckhee (jdh73@kiost.ac.kr): 39  
 Jaquet, Timothy (jaquet.5@osu.edu): 18  
 Jarosi, Peter (peter.jarosi@mail.wvu.edu): 3 , 20  
 Ji, Minhe (email not available): 46  
 Jiang, Chen-Ji (coca5108000@caece.net): 26  
 Jiang, Boqian (bjiang03@syr.edu): 35  
 Jiang, Lei (email not available): 46  
 Jin, Chen (trentonjin@gwu.edu): 122  
 Jing, Kecen (jing.kecen@u.nus.edu): 37 , 83  
 Johnson, Eamon (eamon.johnson@case.edu): 52  
 Johnson, Tom (johnsontg@missouri.edu): 63  
 Jong, Dylan (d.m.o.jong@rug.nl): 82  
 Joshi, Satish (satish@msu.edu): 112  
 Jung, Paul (pjung1@uncc.edu): 81 , 135 , 151  
 Kacher, Nicholas (njkacher@rams.colostate.edu): 30 , 44  
 Kaczensky, Petra (petra.kaczensky@vu-wien.at): 80  
 Kahn, Matthew (mek1966@gmail.com): 142  
 Kalinowski, Jesse (jesse.kalinowski@uconn.edu): 47  
 Kalyviotis, Nikolaos (nxk446@bham.ac.uk): 157  
 Kang, Dongwoo (dwkang1982@kli.re.kr): 119  
 Kang, Wei (weikang9009@gmail.com): 50  
 Kaufman, Martin (martyk@umflint.edu): 6  
 Kawamoto, Kiyomi (kawamoto021@toyo.jp): 156  
 Kay, David (dlk2@cornell.edu): 63  
 Ke, Yue (ke10@purdue.edu): 150  
 Kedron, Peter (pkedron@okstate.edu): 34  
 Kekezi, Orsa (orsa.kekezi@ju.se): 34  
 Kelejian, Harry (Kelejian@econ.umd.edu): 50  
 Keller, Michael (mkeller@umflint.edu): 6  
 Kemeny, Thomas (tomkemeny@gmail.com): 127 , 140  
 Keyes, Christopher (keyes@rams.colostate.edu): 94  
 Khan, Shakil (skhan@uwindsor.ca): 123  
 Kim, Byoungjun (kim.byoungjun86@gmail.com): 106  
 Kim, Changjoo (changjoo.kim@uc.edu): 56 , 90  
 Kim, Cherry (cherrykim90@gmail.com): 63  
 Kim, Gwan-Won (bigmoosi@naver.com): 91  
 Kim, Hayoung (h.kim20@lse.ac.uk): 69  
 Kim, Hyun (hkim9129@gmail.com): 94  
 Kim, Jinwon (jinwonk97@gmail.com): 83  
 Kim, Kwansoo (kimk@snu.ac.kr): 63  
 Kim, Kyung-Min (kkim2@snu.ac.kr): 81  
 Kim, Taeyoung (tykim74@gmail.com): 76 , 91 , 110  
 Kim, Yong (kim1861@purdue.edu): 91 , 110  
 Klaiber, H. Allen (klaiber.16@osu.edu): 123  
 Klier, Thomas (thomas.klier@chi.frb.org): 34  
 Klimanov, Vladimir (vvk@irof.ru): 115  
 Kobayashi, Kiyoshi (kobayashi.kiyoshi.6n@kyoto-u.ac.jp): 161  
 Kohlase, Janet (jkohlase@uh.edu): 9  
 Kolak, Marynia (mkolak@uchicago.edu): 119 , 152  
 Komarek, Tim (tkomarek@odu.edu): 79  
 Kondo, Keisuke (kondo-keisuke@rieti.go.jp): 141  
 Koo, Hyeongmo (hxx134230@utdallas.edu): 93  
 Korpi, Martin (martin.korpi@ratio.se): 121  
 Koster, Hans R.A. (h.koster@vu.nl): 43 , 154

Kourtiti, Karima (karima.kourtiti@abe.kth.se): 8 , 31 , 32 , 147  
 Kuang, Chun "KC" (kuangc16@ecu.edu): 144  
 Kulkarni, Rajendra (rkulkarni@gmu.edu): 124  
 Kumar, Indraneel (ikumar@purdue.edu): 104  
 Kung, Edward (ekung@econ.ucla.edu): 37  
 Kung, Fan-chin (kungf@ecu.edu): 4  
 Kures, Matt (matthew.kures@uwex.edu): 147  
 Kures, Matthew (matthew.kures@ces.uwex.edu): 44  
 Kwon, Sung (k2580@gmail.com): 130  
 Lafrance, Frederick (frederick.lafrance.1@ulaval.ca): 57  
 Lai, Fu-Chuan (uiucclai@gate.sinica.edu.tw): 87  
 Lai, Wangyang (lai.255@osu.edu): 18 , 144  
 Lamadrid, Alberto (ajlamadrid@ieee.org): 46 , 76  
 Lamorgese, Andrea R. (andrea.lamorgese@bancaditalia.it): 51  
 Lappi, Emma (emma.lappi@ju.se): 96  
 Larsson, Johan (johan.p.larsson@ju.se): 34  
 Laufer, Steven (Steven.M.Laufer@frb.gov): 38  
 Le, Ben (Kean University): 38  
 Leblanc, Emmanuelle (emmanuelle.leblanc.2@ulaval.ca): 104  
 Lecocq, Franck (lecocq@centre-cired.fr): 114  
 Lee, Kwan Ok (email not available): 92  
 Lee, Monghyeon (mxl120631@utdallas.edu): 101  
 Lee, SeongWoo (seonglee@snu.ac.kr): 12  
 Legros, Diego (diego.legros@u-bourgogne.fr): 89  
 Lehnert, Matthew (Matthew.Lehnert@rockets.utoledo.edu):  
 55 , 70 , 121  
 Leknes, Stefan (sfl@ssb.no): 117  
 Lema, Eva (e.lema@hotmail.com): 33  
 Lemoy, Rémi (remi.lemoy@uni.lu): 114  
 Leonard, Tammy (tammy.leonard@unt.edu): 149  
 LeSage, James (email not available): 45 , 152  
 Levinson, David (david.levinson@sydney.edu.au): 108  
 Levitt, Ryan (levittr@rams.colostate.edu): 162  
 Levkovich, O.D (o.d.levkovich@vu.nl): 133  
 Levy, Jason (jlevy@hawaii.edu): 42  
 Lewis, Joshua (joshua.lewis@umontreal.ca): 117  
 Li, Chao (chao.li@waikato.ac.nz): 140  
 Li, Chia-Nung (LJN@ulive.pccu.edu.tw.): 65  
 Li, Xiaodi (email not available): 92  
 Li, Xiumin (lixm@nenu.edu.cn): 121  
 Liao, Wen-Chi (wliao@nus.edu.sg): 37 , 83 , 107  
 Lim, David (dahlim@ucdavis.edu): 80  
 Lim, Jaewon (jaewon.lim@unlv.edu): 12  
 Lin Lawell, C.-Y. Cynthia (clinlawell@cornell.edu): 80  
 Lin, Chengtao (linchengtao@tsinghua.edu.cn): 18  
 Lin, Jen-Jia (jenjia@ntu.edu.tw): 100  
 Lin, Wen-Yen (wylin01@mail.mcu.edu.tw): 26  
 Lindsey, Robin (Robin.Lindsey@sauder.ubc.ca): 145  
 Litt, Wade (litt.24@osu.edu): 148  
 Liu, Crocker (chl62@cornell.edu): 35  
 Liu, Lirong (Lirong.Liu@tamuc.edu): 158  
 Liu, Lizhi (lizhiliu@stanford.edu): 21  
 Liu, Shiqin (l.shirley@qq.com): 23  
 Liu, Yuwei (a0109369@u.nus.edu): 107  
 Lo, Chien-Wen (chienwen@mail.mcu.edu.tw): 65  
 Long, Wei (wlong2@tulane.edu): 47  
 Lopatin, Nikita (nlopatin@umail.iu.edu): 1  
 Lopez, Esteban (esteban.lopez@uai.cl): 125  
 Lopez, Esteban (lopezoch@illinois.edu): 149  
 Lopez, Juan Carlos (juancarlos.lopez@du.edu): 91 , 110

Los, Bart (b.los@rug.nl): 162  
 Losada Rojas, Lisa (llosadar@purdue.edu): 14  
 Louis, Marie (mlouis@umass.edu): 20  
 Loveridge, Scott (loverid2@msu.edu): 112  
 Low, Sarah (slow@ers.usda.gov): 30 , 44 , 79 , 95 , 112 , 130 , 146 , 162  
 Lozano-Gracia, Nancy (nlozano@worldbank.org ): 123  
 Lu, Tracy (email not available): 132  
 Lu, Yi (Economics): 67  
 Luca, Davide (d.luca@lse.ac.uk): 71  
 Lundberg, Johan (johan.lundberg@econ.umu.se): 134  
 Lutz, Chandler (cl.eco@cbs.dk): 85 , 117  
 Lyons, Angela (anglyons@illinois.edu): 134  
 Lyu, Cheng (lc@mail.nankai.edu.cn): 20  
 Maarseveen, Raoul van (R.M.van.Maarseveen@cpb.nl): 33  
 Macaluso, Claudia (cla.macaluso@gmail.com): 99  
 Macarthur, Colin (colin.macarthur@sickkids.ca): 28  
 Mack, Elizabeth (emack@msu.edu): 23 , 45  
 Macpherson, Alison (alison3@yorku.ca): 28  
 Madden, John (john.madden@vu.edu.au): 103  
 Maduako, Ikechukwu Nnamdi Derek (imaduako@unb.ca): 60  
 Maguire, Meadhbh (meadhbh.maguire@mail.mcgill.ca): 29  
 Maher, Craig (csmaher@unomaha.edu): 105  
 Mahumane, Gilberto (gilberto.mahumane@gmail.com): 53  
 Maki, Sasakawa (sasakawa.maki@gmail.com): 156  
 Malone, Thom (tdmalone@usc.edu): 92  
 Manaugh, Kevin (kevin.manaugh@mcgill.ca): 28  
 Manduca, Robert (rmanduca@g.harvard.edu): 40 , 143  
 Mangum, Kyle (kmangum104@gmail.com): 68  
 Maniloff, Peter (maniloff@mines.edu): 135  
 Mann, John (mannjoh3@anr.msu.edu): 112  
 Manning, Dale (dale.manning@colostate.edu): 135 , 162  
 Manson, Steven (manson@umn.edu): 80  
 Mansury, Yuri (ymansury@iit.edu): 161  
 Maoh, Hanna (maohhf@uwindsor.ca): 123  
 Marre, Alexander (amarre@ers.usda.gov): 79  
 Martin, Hal (hal.martin@clev.frb.org): 52  
 Martin, Richard (rmart@uga.edu): 70  
 Marty, Rudolf (rudolf.marty2@ccrs.uzh.ch): 122  
 Marz, Waldemar (Marz@ifo.de): 107  
 Mast, Evan (evanemast@gmail.com): 133  
 Matsuo, Miwa (mmatsuo@rieb.kobe-u.ac.jp): 123  
 Matsushima, Kakuya (matsushima.kakuya.7u@kyoto-u.ac.jp): 161  
 Matti, Josh (jomatti@mix.wvu.edu): 118  
 Mattson, Jeremy (jeremy.w.mattson@ndsu.edu): 29  
 Maurer, Samuel (maurer@berkeley.edu): 110  
 Mayerhofer, Peter (peter.mayerhofer@wifo.ac.at): 127  
 Mazzola, Fabio (fabio.mazzola@unipa.it): 39  
 McCann, Philip (p.mccann@sheffield.ac.uk): 82 , 127 , 162  
 McCarthy, Stephen (stephen.mccarthy@dal.ca): 145  
 McFadden, Dawn (dawn.thilmany@colostate.edu): 30  
 McGranahan, David (dmcg@ers.usda.gov): 146  
 McIntyre, Stuart (s.mcintyre@strath.ac.uk): 58  
 McIvor , Michael (mtmcivor@gmail.com): 107  
 McLean, Mark (email not available): 152  
 McMillen, Daniel (mcmillen@illinois.edu): 83  
 McQuade, Tim (tmcquade@stanford.edu ) : 7  
 Meadowcroft, Devon (devon.meadowcroft@okstate.edu): 95  
 Medrano, F. Antonio (medrano@geog.ucsb.edu): 74

Mellouli, Sehl (Sehl.mellouli.1@fsa.ulaval.ca): 57  
 Memarian, Mahsa (mmemarian@iese.edu): 154  
 Menezes, Tatiane (tatianedemenezes@gmail.com): 105  
 Meng, Delong (nealthcounts@gmail.com ): 120  
 Meng, Kyle (kmeng@bren.ucsb.edu): 91  
 Mense, Andreas (andreas.mense@fau.de): 7  
 Mercier, AurélieAurélie (aurelie.mercier@laet.ish-lyon.cnrs.fr): 158  
 Miao, Qing (qing.miao@rit.edu): 94  
 Mikaelian, Levon (lmikaelian@fsu.edu): 60  
 Mikhaylova, Anna (aam@irof.ru): 105  
 Millard-Ball, Adam (adammb@ucsc.edu): 60 , 100  
 Miller, Cristina (regionaleconomist1@gmail.com): 41  
 Miller, Matthew (millermj@usc.edu): 14  
 Miron, John R (miron@utsc.utoronto.ca): 28 , 60  
 Miscio, Antonio (miscio.antonio@bcg.com): 136  
 Mitsova, Diana (ajl259@cornell.edu): 76  
 Miyagawa, Masashi (mmiyagawa@yamanashi.ac.jp): 87  
 Miyata, Yuzuru (miyata@ace.tut.ac.jp): 118 , 132  
 Mjelde, James (j-mjelde@tamu.edu): 29  
 Mocetti, Sauro (sauro.mocetti@bancaditalia.it): 51  
 Modalsli, Jorgen (mod@ssb.no): 117  
 Moeller, Joachim (Joachim.Moeller@iab.de): 115  
 Mok-Lamme, David (davidmoklamme@gmail.com): 66  
 Molloy, Raven (raven.s.molloy@frb.gov): 49  
 Mongrain, Steeve (mongrain@sfu.ca): 153  
 Montolio, Daniel (montolio@ub.edu): 66  
 Moore, Jacob (moore.jake@hotmail.com): 44  
 Moreno-Monroy, Ana I. (ana.i.moreno.monroy@gmail.com): 67  
 Mori, Tomoya (mori@kier.kyoto-u.ac.jp): 160  
 Morita, Tadashi (t-morita@kindai.ac.jp): 159  
 Morris, Adele (AMorris@brookings.edu): 102  
 Mossay, Pascal (Pascal.Mossay@newcastle.ac.uk): 4  
 Moulton, Stephanie (moulton.23@osu.edu): 38  
 Moussouni, Oualid (moussouni.oualid@courrier.uqam.ca): 67  
 Mu, Jianhong (mujh1024@gmail.com): 46  
 Mu, Wangshu (wangshumu@email.arizona.edu): 74  
 Mueller, Andrew (andrew.mueller@du.edu): 130  
 Mulalic, Ismir (ismu@kraksfond.dk): 22 , 37 , 121 , 133  
 Mulder, Peter (p.mulder@vu.nl): 53 , 98 , 119 , 135 , 152  
 Muldrow, Melody (mlmuldrow@ualr.edu): 126  
 Mulligan, Gordon (email not available): 45  
 Murata, Yasusada (murata.yasusada@nihon-u.ac.jp): 133  
 Murray, Alan (amurray@ucsb.edu): 56  
 Myers, Samantha (samantha.myers@nyu.edu): 51  
 Na, Jumong (najumong@chonnam.ac.kr): 161  
 Nagamachi, Kohei (nagamachi@gsm.kagawa-u.ac.jp): 68  
 Nagao, Kenkichi (nagao@econ.osaka-cu.ac.jp): 116  
 Naito, Tohru (tnaito@mail.doshisha.ac.jp): 134  
 Nakagawa, Mariko (mnakagawa@csis.u-tokyo.ac.jp): 11  
 Nakajima, Kentaro (nakajima.kentaro@gmail.com): 35  
 Nam, Kyung-Min (kmnam@hku.hk): 42  
 Narayanan, Rajesh (email not available): 135  
 Nassios, Jason (jason.nassios@vu.edu.au): 103  
 Nath, Hiranya K (eco\_hkn@shsu.edu): 158  
 Navarro, Maria Fernanda ( maria.navarro@alumnos.cide.edu): 33  
 Navin, Jordan (jordan.navin@colostate.edu): 30  
 Neffke, Frank (frank\_neffke@hks.harvard.edu): 19 , 155

Neill, Helen (helen.neill@unlv.edu): 102  
 Newbold, Bruce (newbold@mcmaster.ca): 12  
 Niblett, Matthew (mniblett@geog.ucsb.edu): 56  
 Niblett, Timothy (tniblett@geog.ucsb.edu): 74  
 Nichols, Bonnie (nicholsb@arts.gov): 112  
 Nicolini, Rosella (rosella.nicolini@uab.cat): 98  
 Niebuhr, Annekatrin (Annekatrin.Niebuhr@iab.de): 9 , 48  
 Nielsen, Eric (eric.r.nielsen@frb.gov): 49  
 Nijkamp, Peter (nijkamp@hotmail.com): 8 , 25 , 31 , 32 , 45 , 132 , 147  
 Nilsson, Isabelle (inilss1@uncc.edu): 121  
 Niu, Yi (niuyi\_2002@163.com): 53  
 Nowak, Adam (adam.nowak@mail.wvu.edu): 69 , 120  
 Ochs, Carsten (carsten.ochsen@uni-rostock.de): 138  
 Oduro, Isaac (isaac.oduro@case.edu): 52  
 Ogawa, Yoshitomo (ogawa@kindai.ac.jp): 159  
 Okuyama, Yasuhide (okuyama@kitakyu-u.ac.jp): 61 , 156  
 Ommeren, Jos van (jos.van.ommeren@vu.nl): 107 , 150  
 Omori, Tatsuya (tomori@mecl.chukyo-u.ac.jp) : 134  
 Oner, Ozge (onerozge@gmail.com): 34 , 58  
 Öner, Özge (Ozge.Oner@ju.se): 127  
 Ono, Yoshiyasu (ono@iser.osaka-u.ac.jp): 159  
 Orlando, Anthony W. (aorlando@usc.edu): 49  
 Ortega-Argiles, Raquel (R.OrtegaArgiles@bham.ac.uk): 9 , 162  
 Osawa, Minoru (minoru.osawa.a5@tohoku.ac.jp): 160  
 Osman, Taner (tanerosman@ucla.edu): 127  
 Ossokina, Ioulia V. (I.V.Ossokina@tue.nl): 109 , 150  
 Osth, John (john.osth@kultgeog.uu.se): 147  
 Ota, Mitsuru (ota@sk.tsukuba.ac.jp): 150  
 Ottaviano, Gianmarco (g.i.ottaviano@lse.ac.uk): 111  
 Otto, Anne (Anne.Otto@iab.de): 48  
 Oueslati, Houssem (hs.oueslati@outlook.fr): 89  
 Oyarzo, Mauricio (moyarzo@ucn.cl) : 159  
 Pace, Kelley (kpace@lsu.edu): 135 , 152  
 Paciorek, Andrew (andrew.d.paciorek@frb.gov): 38  
 Painter, Gary (gpainter@price.usc.edu): 14  
 Pang, Jindong (jipang@syr.edu): 13  
 Paredes, Dusan (dparedes@ucn.cl): 159  
 Park, Gil H. (hightouchpark@gmail.com): 15 , 130 , 146  
 Park, JiYoung (jp291@buffalo.edu): 12 , 60  
 Park, JongHoon (hohojonghoon@gmail.com): 12  
 Park, Junpyo (jppark03@huskers.unl.edu): 30  
 Parker, Dawn (dcparker@uwaterloo.ca): 57  
 Parker, Tim (TParker@ers.usda.gov): 146  
 Parr, John (john.parr@ucl.ac.uk): 98  
 Partridge, Mark (partridge.27@osu.edu): 10 , 23 , 34 , 58 , 78 , 95 , 111 , 148 , 154  
 Patacchini, Eleonora (ep454@cornell.edu): 133  
 Patandianan, Marly (marly.patandianan@gmail.com): 132  
 Patuelli, Roberto (roberto.patuelli@unibo.it): 125  
 Peeters, Dominique (dominique.peeters@uclouvain.be): 72  
 Pellegrino, Dario (dario.pellegrino@bancaditalia.it): 51  
 Peng, Kun (kunpeng2@illinois.edu): 119  
 Peng, Qiong (xqpeng@umd.edu): 86  
 Peng, Shin-Kun (speng@econ.sinica.edu.tw): 151  
 Pennington-Cross, Anthony (anthony.pennington-cross@marquette.edu): 38  
 Perez Perez, Jorge Eduardo (jorge\_perez@brown.edu): 19  
 Perez, Javier (gjavierperezv@gmail.com): 46 , 76  
 Perez, Rodrigo (perezsilva.1@osu.edu): 148

Perobelli, Fernando Salgueiro (fernandosalgueiro.perobelli@gmail.com ): 82  
 Petach, Luke (luke.petach@colostate.edu): 79 , 130  
 Peters, Cornelius (cornelius.peters@thuenen.de): 9  
 Petrick, James (email not available): 132  
 Pfeiffer, Basile (pfeiffer@centre-cired.fr): 72 , 114  
 Pflüger, Michael Paul (michael.pflueger@uni-wuerzburg.de): 160  
 Phan thi Hong , Van (Van.Phan-thi-Hong@iab.de): 71  
 Phillips, David C (David.Phillips.184@nd.edu): 153  
 Phoomikiattisak, Ditchaphong (ditchaphong@gistda.or.th ): 6  
 Picard, Pierre M (pierre.picard@uni.lu): 4  
 Pinchbeck, Edward (e.w.pinchbeck@lse.ac.uk): 83  
 Piras, Gianfranco (gpiras@mac.com): 50  
 Pizzuto, Pietro (pietro.pizzuto02@unipa.it ): 39  
 Plane, David (plane@email.arizona.edu): 113  
 Pogonyi, Csaba (c.pogonyi16@imperial.ac.uk): 81  
 Polge, Etienne (polgetienne@yahoo.fr): 80  
 Polloni, Stefano (stefano\_polloni@brown.edu): 145  
 Poot, Jacques (jpoot@waikato.ac.nz): 88  
 Poquillon, Georges (gpoqui@essex.ac.uk): 161  
 Postiglione, Paolo (postigli@unich.it): 143  
 Potlogea, Andrei Victor (Andrei.Potlogea@ed.ac.uk): 136  
 Prohofskey, Allen (Allen.Prohofskey@ftb.ca.gov): 84  
 Pruitt, Sandi (Sandi.Pruitt@UTSouthwestern.edu): 149  
 Pyrialakou, V. Dimitra (vdprialala@gmail.com): 14 , 29 , 84 , 108  
 Qian, Franklin (zqian1@stanford.edu ): 7  
 Qian, Haifeng (haifeng-qian@uiowa.edu): 15 , 23 , 112  
 Quintero, Luis E (leq@jhu.edu): 51 , 67  
 Rainone, Edoardo (edoardo.rainone@bancaditalia.it): 133  
 Ramirez Grajeda, Mauricio (maurmez@yahoo.com.mx): 2  
 Ramirez-Sanchez, Albina (albina.ramirez.faces@uas.edu.mx): 103  
 Rasmussen, Holger (holger\_rasmussen@hotmail.com): 22  
 Ratajczak, Waldemar (email not available): 147  
 Rattso, Jorn (jorn.rattso@ntnu.no): 19 , 131  
 Redfearn, Christian L (redfearn@usc.edu): 49 , 92  
 Reggiani, Aura (aura.reggiani@unibo.it): 147  
 Reid, Neil (neil.reid@utoledo.edu): 16 , 24 , 78 , 121  
 Reilly, Michael (mkreilly@gmail.com): 5  
 Relihan, Lindsay (lreihan@wharton.upenn.edu): 109  
 Ren, Honghao (h.ren@nwpu.edu.cn): 70  
 Renski, Henry (hrenski@larp.umass.edu): 112  
 Resig, Michael (mresig@gmu.edu): 57  
 Resosudarmo, Budy (budy.resosudarmo@anu.edu.au): 25 , 89  
 Rey, Sergio (sjsrey@gmail.com ): 50  
 Reynolds, Curtis L. (creynol9@kent.edu): 69  
 Ribeiro, Luiz Carlos de Santana (ribeiro.lui84@gmail.com): 82  
 Richardson, Kathrine (kathrine.richardson@sjsu.edu): 11  
 Richter, Francisca G.-C. (francisca.richter@case.edu): 52  
 Rickardsson, Jonna (jonna.rickardsson@ju.se): 36  
 Rickman, Dan (Dan.Rickman@okstate.edu): 162  
 Rijnks, Richard H (r.h.rijnks@rug.nl): 97  
 Roberts, Joanne (joannekroberts@gmail.com): 153  
 Roberts, Mark (mroberts1@worldbank.org): 67  
 Robinson, Derek (dtrobinson@uwaterloo.ca): 57  
 Rocha, Roberta (roberta\_rocha\_pe@yahoo.com.br): 9 , 148  
 Rodnyansky, Seva (rodnyans@usc.edu): 84 , 108  
 Rodríguez-Pose, Andrés (a.rodriguez-pose@lse.ac.uk): 12 , 45 , 71 , 78

Roed Larsen, Erling (erling.roed.larsen@bi.no): 120  
 Rogers, Chris D.F. (c.d.f.rogers@bham.ac.uk): 157  
 Rogerson, Peter (rogerson@buffalo.edu): 47  
 Rohlin, Shawn M. (srohlin@kent.edu): 27  
 Roig Sabate, Jose Luis (josepluis.roig@uab.cat): 98  
 Rokicki, Bartlomiej (brokicki@wne.uw.edu.pl): 82  
 Rolheiser, Lyndsey (lyndseyr@mit.edu): 17  
 Rolheiser, Lyndsey Anne (lyndseyr@mit.edu): 17  
 Roller, Marcus (marcus.roller@vwi.unibe.ch): 68  
 Roos, Elizabeth (louise.roos@vu.edu.au): 3  
 Rose, Adam (adamzros@price.usc.edu): 8 , 61 , 73  
 Rosenbaum, David (drosenbaum@unl.edu): 30  
 Rosencrants, Troy (rosencra@umflint.edu): 6  
 Rosenthal, Stuart (ssrosent@maxwell.syr.edu): 35 , 49 , 111  
 Roskrige, Matthew (m.roskrige@massey.ac.nz): 1  
 Ross, Amanda (aross@cba.ua.edu): 120  
 Ross, Matthew (ross.1469@osu.edu): 47  
 Ross, Stephen (Stephen.l.ross@uconn.edu): 47  
 Rossen, Anja (anja.rossen4@iab.de): 48  
 Roth, Duncan (duncan.roth@iab.de): 58  
 Rothman, Linda (linda.rothman@sickkids.ca): 28  
 Rouwendal, Jan (j.rouwendal@vu.nl): 22 , 133 , 152  
 Rupasingha, Anil (ANIL.RUPASINGHA@ERS.USDA.GOV): 20 , 79 , 95  
 Saiz, Albert (saiz@mit.edu): 59 , 124  
 Sakurai, Katsuhiko (k-sakurai@ris.ac.jp): 65  
 Sánchez, Jessica (email not available): 135  
 Sand, Benjamin (email not available): 85  
 Sander, Heather (heather-a-sander@uiowa.edu): 149  
 Santarelli, Enrico (enrico.santarelli@unibo.it): 125  
 Santiago-Bartolomei, Raul (raulsant@usc.edu): 84 , 108  
 Santillan, Alex (asantillan@udallas.edu): 149  
 Sapat, Alka (all512@lehigh.edu): 76  
 Sasahara, Akira (akirasasahara@gmail.com): 40  
 Sassen, Saskia (email not available): 31 , 45  
 Sato, Yasuhiro (ysato@e.u-tokyo.ac.jp): 68  
 Sayago-Gomez, Juan (juantomas.sayago@gmail.com): 41  
 Scartascini, Carlos (carlossc@iadb.org): 43  
 Schaeffer, Peter V (Peter.Schaeffer@mail.wvu.edu): 15 , 79  
 Schiff, Nathan (nschiff@gmail.com): 109  
 Schintler, Laurie (lschintl@gmu.edu): 124 , 141  
 Schleith, Daniel (schleidk@mail.uc.edu): 90  
 Schmeiser, Maximillian (maxschmeiser@gmail.com): 38  
 Schmidheiny, Kurt (kurt.schmidheiny@unibas.ch): 43 , 68  
 Schmit, Todd (tms1@cornell.edu): 63  
 Schoenberg, Alina (alina.schoenberg@fh-krems.ac.at): 139  
 Schoeni, Olivier (olivier.schoeni@vwi.unibe.ch): 7 , 85  
 Schuetz, Jenny (jenny.schuetz@frb.gov): 51  
 Sears, Louis (lousears@gmail.com): 80  
 Seidel, Tobias (tobias.seidel@uni-due.de): 43 , 159  
 Selod, Harris (hselod@worldbank.org): 13 , 72  
 Sesmero, Juan (jsesmero@purdue.edu): 91  
 Severen, Christopher (chris.severen@gmail.com): 75 , 108  
 Severnini, Edson (ersevernini@gmail.com): 117  
 Sevinc, Deniz (d.sevinc@bham.ac.uk): 143  
 Shan, Zhuoran (371760860@qq.com): 158  
 Shen, Daidai (dshen3@uncc.edu): 151  
 Shen, Shulin (sshenn06@syr.edu): 49  
 Sheppard, Stephen Charles  
 (stephen.c.sheppard@williams.edu): 97

Shibusawa, Hiroyuki (hiro-shibu@ace.tut.ac.jp): 65 , 118 , 132  
 Shields, Martin (martin.shields@colostate.edu): 73 , 94  
 Shimina, Irina (shimairina@gmail.com): 115  
 Silva Gomes, Bruno (suquinet@powerline.com.br): 41  
 Silva, Adelson (adelsonsantos@gmail.com): 9  
 Silva, Everlandia (everlandia.silva@gmail.com.br): 9  
 Simpson, Helen (Helen.Simpson@bristol.ac.uk): 75  
 Sin, Isabelle (izi.sin@motu.ac.nz): 129  
 Sing, Tien Foo (rststf@nus.edu.sg): 46 , 66  
 Slaper, Timothy (tslaper@indiana.edu): 1 , 95 , 112  
 Slotwinski, Michaela (michaela.slotwinski@unibas.ch): 43  
 Smirnov, Oleg (oleg.smirnov@utoledo.edu): 121  
 Smith, Alexander (aksmith@uwaterloo.ca): 57  
 Smith, Patrick (patrick.smith@sdsu.edu): 69  
 Smith, Paul (paul.smith@frb.gov): 49  
 Smith, Tim (smit1638@purdue.edu): 126  
 Smith, Tony E. (tesmith@seas.upenn.edu): 101  
 Sole-Olle, Albert (asole@ub.edu): 85  
 Somerville, Tsur (tsur.somerville@sauder.ubc.ca): 85  
 Sommer, Kamila (kamila.sommer@frb.gov): 49  
 Sommervoll, Dag Einar (dag.einar.sommervoll@nmbu.no): 137  
 Song, Chun (song404@purdue.edu): 89  
 Soppelsa, Maria (mariedisa@gmail.com): 106  
 Soto , Juan (jsoto@rimisp.org): 24  
 Souche-Le Corvec, Stephanie (stephanie.souche@laet.ish-lyon.cnrs.fr): 158  
 Stacey, Derek (email not available): 85  
 Stallmann, Judith (stallmannj@missouri.edu): 105  
 Stålnacke, Mattias (mattiasstalnacke1@gmail.com): 121  
 Stavropoulos, Spyridon (stavropoulos@ese.eur.nl): 121  
 Steijn, Mathieu (m.p.a.steijn@uu.nl): 154  
 Stenberg , Peter (stenberg@ers.usda.gov ): 141  
 Stephens, Heather (heather.stephens@mail.wvu.edu): 20  
 Stepniak, Marcin (stepniak@twarda.pan.pl): 82  
 Stillman, Steven (steven.stillman@bolzano.ac.it): 129  
 Stirk-Wang, Leon (leon.stirkwang@gmail.com): 5  
 Stobbe, Tracy (tracy.stobbe@twu.ca): 63  
 Stokke, Hildegunn E (Hildegunn.E.Stokke): 131  
 Stokke, Hildegunn E. (hildegunn.e.stokke@ntnu.no): 19  
 Storeygard, Adam (adam.storeygard@tufts.edu): 75  
 Stough, Roger (rstough@gmu.edu): 15 , 155  
 Strange, William (wstrange@rotman.utoronto.ca): 35  
 Stubbs, Thomas (mrtom@gmail.com ): 1  
 Südekum, Jens (suedekum@dice.uni-duesseldorf.de): 159  
 Sullivan, James X (James.X.Sullivan.197@nd.edu): 153  
 Sun, Weizeng (sunweizeng@gmail.com): 18  
 Sun, Xinyao (email not available): 155  
 Sunahara, Yosuke (sunaharay@gmail.com): 116 , 161  
 Sundararajan, Arun (email not available): 92  
 Suzuki, Soushi (soushi-s@lst.hokkai-s-u.ac.jp): 8  
 Svítak, Jan (svítak.honza@gmail.com): 109  
 Swayne, Madison (swayne@usc.edu): 14  
 Tabuchi, Takatoshi (ttabuchi@e.u-tokyo.ac.jp): 4 , 40  
 Tajima, Kayo (ktajima@rikkyo.ac.jp): 137  
 Takayama, Yuki (ytakayama@se.kanazawa-u.ac.jp): 160  
 Taliceo, Nicholas (npt160230@utdallas.edu): 101  
 Tang, Wenwu (wtang4@uncc.edu): 77  
 Teichert, Christian (teichert@wigeo.uni-hannover.de): 48  
 Terzidis, Nikolaos (n.terzidis@rug.nl): 9  
 Teshima, Kensuke (kensuke.teshima@itam.mx): 35



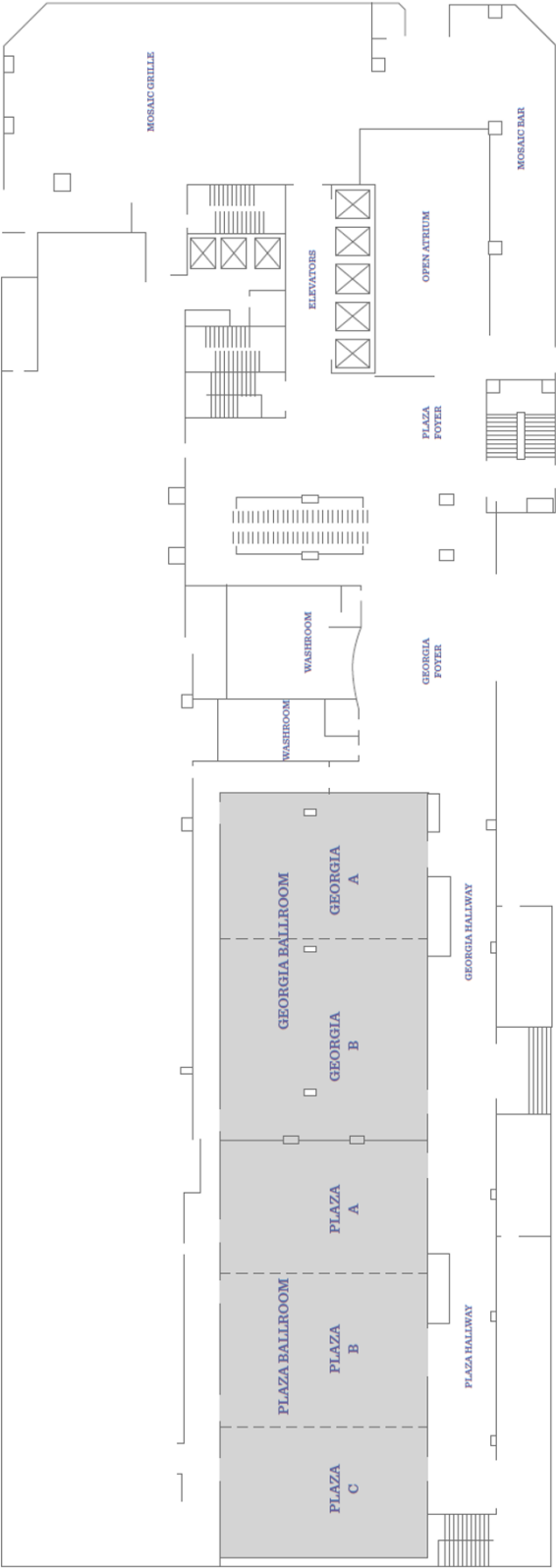
Teulings, Coen N. (C.N.Teulings@uva.nl): 109  
 Thakur, Sudhir (thakurs@csus.edu): 2  
 Tharakan, Joe (j.tharakan@ulg.ac.be): 72  
 Thill, Jean-Claude (jthill@uncc.edu): 20 , 57 , 77 , 78 , 93 , 101 , 135 , 151  
 Thissen, Mark (mark.thissen@pbl.nl): 162  
 Thompson, Eric (ethompson2@unl.edu): 30  
 Thorsnes, Paul (paul.thorsnes@otago.ac.nz): 5  
 Tibau, Xavier (xavitibau@gmail.com): 66  
 Tight, Miles R. (m.r.tight@bham.ac.uk): 157  
 Tijm, Joep (joep.06@hotmail.com): 53  
 Tokunaga, Suminori (tokunaga@reitaku-u.ac.jp): 26  
 Tong, Daoqin (daoqin@email.arizona.edu): 56 , 74  
 Tontisirin, Nij (nt72@cornell.edu): 6  
 Torre, André (torre@agroparistech.fr): 80  
 Tran, Thi Thu Huyen (thithuhuyen.tran@uni.lu): 160  
 Trouw, Michael (mtrouw@gmail.com): 130  
 Tsvetkova, Alexandra (tsvetkova.1@osu.edu): 10 , 23 , 34  
 Tubadji, Annie (atubadji@hotmail.com): 125  
 Turner, Matthew (Matthew\_Turner@brown.edu): 145  
 Tyndall, Justin (justin.tyndall@sauder.ubc.ca): 28  
 Urban, April (april.urban@case.edu): 52  
 Urban, Carly (carly.urban@gmail.com): 38  
 Urso, Giulia (giulia.urso@gssi.it): 36  
 Vadila, Yessi (yessivadila@gmail.com): 89  
 Valdebenito, Rocio (valdebenito.rocio@gmail.com): 125  
 Valdes Ibarra, Miriam (miriamvaldes@gmail.): 64  
 Valdés Ibarra, Miriam (miriamvaldes@gmail.com ): 1  
 Vale, Vinicius (vinicius.a.vale@gmail.com): 42  
 van der Vlist, Arno (a.j.van.der.vlist@rug.nl): 70 , 135 , 152  
 van Dijk, Jouke (jouke.van.dijk@rug.nl): 138  
 van Duijn, Mark (mark.van.duijn@rug.nl): 52 , 135  
 Van Haaren, Jeroen (vanhaaren@ese.eur.nl): 5  
 van Leeuwen, Eveline (e.s.van.leeuwen@vu.nl): 127  
 van Maarseveen, Raoul (R.M.van.Maarseveen@cpb.nl ): 9  
 Van Oort, Frank (f.g.vanoort@uu.nl): 5 , 25 , 64 , 121 , 140 , 162  
 van Ypersele, Tanguy (tanguy.vy@univ-amu.fr): 153  
 Vargas, Milena (mvargas@rimisp.org): 24  
 Vaz, Eric (evaz@ryerson.ca): 65  
 Vazquez Guillen, Xiomara (xiomara.vazquez@itesm): 2  
 Venhorst, Viktor (v.a.venhorst@rug.nl): 82 , 127  
 Vergara Alert, Carles (cvergara@iese.edu): 120 , 154  
 Vergara-Alert, Carles (cvergara@iese.edu): 120  
 Viguie, Vincent (viguie@centre-cired.fr): 72 , 114  
 Viju, Crina (viju@carleton.ca): 63  
 Viladecans-Marsal, Elisabet (eviladecans@ub.edu): 85  
 Vital, Taua (Taua.magalhaes@engenharia.ufjf.br): 86  
 Voigtlaender, Nico (nico.v@anderson.ucla.edu): 136  
 von Berlepsch, Viola (v.k.von-berlepsch@lse.ac.uk): 12  
 von Wehrden, Henrik (vonwehrd@leuphana.de): 80  
 Wachowicz, Monica (monicaw@unb.ca): 60 , 93  
 Waddell, Paul (paul.waddell@gmail.com): 55 , 110  
 Wagner, Gary (gary.wagner@clev.frb.org): 79  
 Wahlstrom, Marie (mia.wahlstrom@abe.kth.se): 32  
 Waldorf, Brigitte (bwaldorf@purdue.edu): 91  
 Wallin, Tina (tina.wallin@ju.se): 96  
 Wang, Hongbo (hongbo.wang@okstate.edu): 162  
 WANG, KUN (kun.wang@sauder.ubc.ca): 76  
 Wang, Long (wanglong@u.nus.edu): 66 , 85 , 144

Wang, Ping (pingwang@wustl.edu): 4 , 21  
 Wang, Rui (ruiwang@ucla.edu): 48 , 104  
 Wang, Yanzhen (392543958@qq.com): 121  
 Wang, Zhi (wangzhi@fudan.edu.cn): 21  
 Warman, Casey (casey.warman.dal@gmail.com): 117  
 Watson, Philip (pwatson@uidaho.edu): 9 , 146  
 Weatherall, Cecilie Dohlmann (cdw@kraksfond.dk): 121  
 Weber, Rachel (rachelw@uic.edu): 105  
 Weiler, Stephan (stephan.weiler@colostate.edu): 30 , 44 , 79 ,  
 95 , 112 , 130 , 146 , 162  
 Weinstein, Amanda (aweinstein@uakron.edu): 96  
 Weisburst, Emily (emily.weisburst@utexas.edu): 66  
 Wellington, Dan (djwellin@umass.edu): 20  
 Welsh, Sarah (email not available): 39  
 Wen, Frank (wen@scag.ca.gov): 84  
 Wesche, Karsten (karsten.wesche@senckenberg.de): 80  
 Westin, Jonas (jonas.westin@umu.se): 157  
 Westin, Lars (lars.westin@umu.se): 39 , 157  
 Westlund, Hans (hans.westlund@abe.kth.se): 39  
 Wetherell, Daniel (dwethere@oberlin.edu): 106  
 Whaley, Kenneth (kdwhale@g.clemson.edu): 32  
 Whitacre, Brian (brian.whitacre@okstate.edu): 95  
 Whitaker, Stephan (stephan.whitaker@clev.frb.org): 52 , 106  
 Whittle, Richard (r.whittle@mmu.ac.uk): 2  
 Widener, Michael (michael.widener@utoronto.ca): 29 , 90 ,  
 106  
 Willardsen, Kevin (kw12c@my.fsu.edu): 69  
 Williams, Danielle (bdwillia@usc.edu): 84  
 Williams, Huw (WilliamsH@cardiff.ac.uk): 113  
 Williams, Seth (sethw@uci.edu): 70  
 Wilson, Daniel (daniel.wilson@sf.frb.org): 99  
 Wilson, Daniel John (daniel.wilson@sf.frb.org): 99  
 Winters, John (jvwinte@okstate.edu): 125  
 Wiseman, Nathan Craig (nwiseman@unr.edu): 150  
 Wojan, Tim (TWOJAN@ers.usda.gov): 95 , 112  
 Woltmann, Hans Henrik (Kraks Fond - Institute for Urban  
 Economic Research): 22  
 Wong, David (dwong2@gmu.edu): 124  
 Woodward, Douglas (woodward@moore.sc.edu): 112  
 Wu, Jianfeng (wujianfeng@fudan.edu.cn): 82  
 Xianchun, Zhang (shanzhuoran@126.com): 158  
 Xu, Jing (jxu@uail.ucsb.edu): 56  
 Xu, Minhong (mxu23@illinois.edu): 54  
 Xu, Yilan (yilanxu@illinois.edu): 54  
 Yamamoto, Kazuhiro (yamamoto@econ.osaka-u.ac.jp): 68  
 Yang, Shangming (shangming.yang@u.nus.edu): 67  
 Yang, Shu-Han (r04228020@ntu.edu.tw): 100  
 Yang, Yang (zoeyangyang@gmail.com): 46  
 Yang, Yang (yang.yang.2015@anderson.ucla.edu ): 136  
 Yang, Yang (Zoe) (zoeyangyang@gmail.com): 76 , 85 , 144  
 Yao, Li (li.yao@colorado.edu): 81  
 Yao, Yves-Bryand (bi-goore-yves-bryand.yao.1@ulaval.ca): 84  
 Yaping, Huang (szi1987@163.com): 158  
 Ye, Yifan (yifanye82@gmail.com): 59  
 Yeadon, Michael (michaelyeadon@gmail.com): 30  
 Yeo, Changwhan (ych3720@daegu.ac.kr): 146  
 Yezer, Anthony (yezer@gwu.edu): 131  
 Yezer, Anthony Marvin (yezer@gwu.edu): 22  
 Yi, Yimin (yyi102@syr.edu): 52  
 Yonemoto, Kiyoshi (yonemoto@tcue.ac.jp): 87

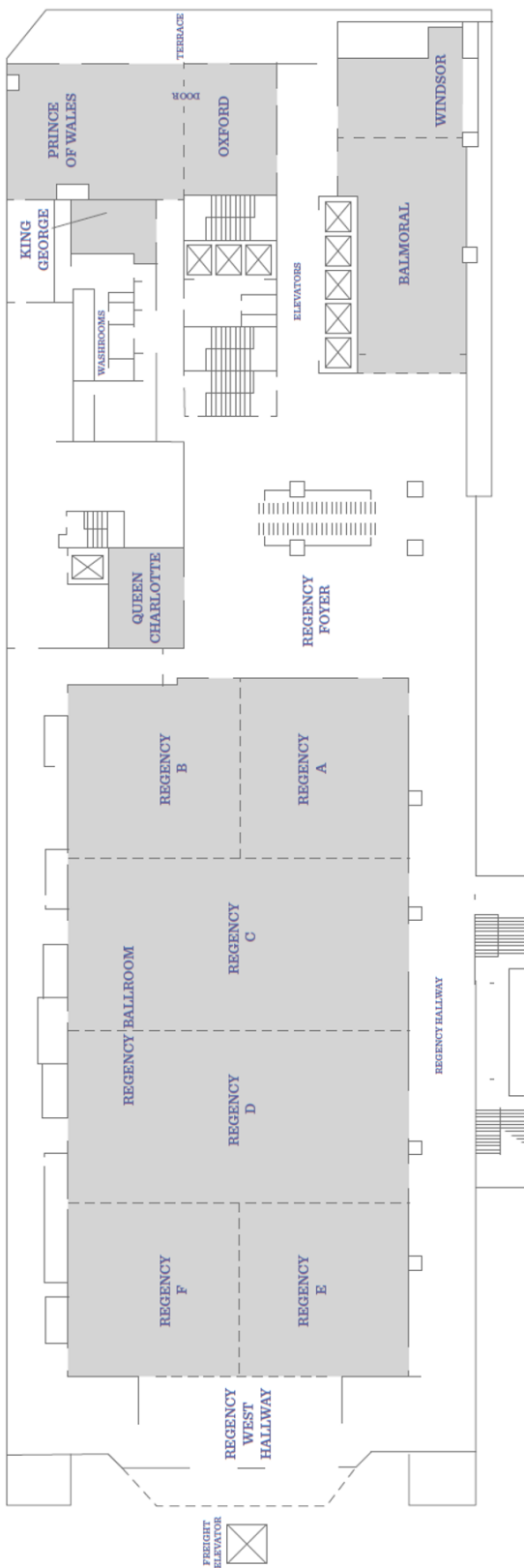
Yoo, Seung Jick (sjyoo@sookmyung.ac.kr): 33  
 Young, Mischa (mischa.young@mail.utoronto.ca): 29  
 Yu, Yongda (email not available): 155  
 Yu, Xinlian (xinlianyu@umass.edu): 20  
 Yuan, Yue Charles (yuany@uchicago.edu): 21  
 Zabel, Jeff (jeff.zabel@tufts.edu): 128  
 Zabihidan, Mohammad Saeed (zabihidansaeed@yahoo.com):  
 43  
 Zai, Xianhua (zaixianggirl@163.com): 21  
 Zhang, Anming (anming.zhang@sauder.ubc.ca): 46 , 76  
 Zhang, Lei (lei345@gmail.com): 52  
 Zhang, Qian (qzhang7@hawaii.edu): 42  
 Zhang, Qinghua (zhangq@gsm.pku.edu.cn ): 21  
 Zhang, Sisi (zhang\_sisi@jnu.edu.cn): 18  
 Zhang, Ting (tingzhangphd@gmail.com): 96  
 Zhang, Xiaochen (zhang.3745@osu.edu): 88  
 Zhang, Xu (zhang-xu13@mails.tsinghua.edu.cn): 42  
 Zhang, Xue (xz435@cornell.edu): 24  
 Zhang, Yizhou (yzhng114@illinois.edu): 41  
 Zhang, Zhiqiang (zhangzhq@nankai.edu.cn): 33  
 Zhang, Ziye (zz396@cornell.edu): 122 , 137  
 Zheng, Minrui (mzheng2@uncc.edu): 77  
 Zheng, Siqi ( sqzheng@mit.edu): 18 , 142  
 Zhou, Yulong (yesolivier@gmail.com): 97  
 Zhu, Wenyu (wenyuzhu@ruc.edu.cn): 144  
 Zuckerman, Peter (peter.zuckerman@tufts.edu): 128  
 Zwaneveld, Peter (P.J.Zwaneveld@cpb.nl): 33

Hyatt Regency Vancouver  
Floor Plan

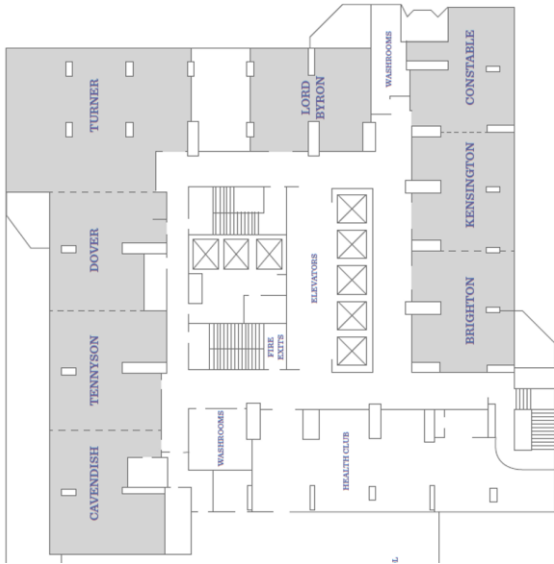
Plaza Level (Second Floor)



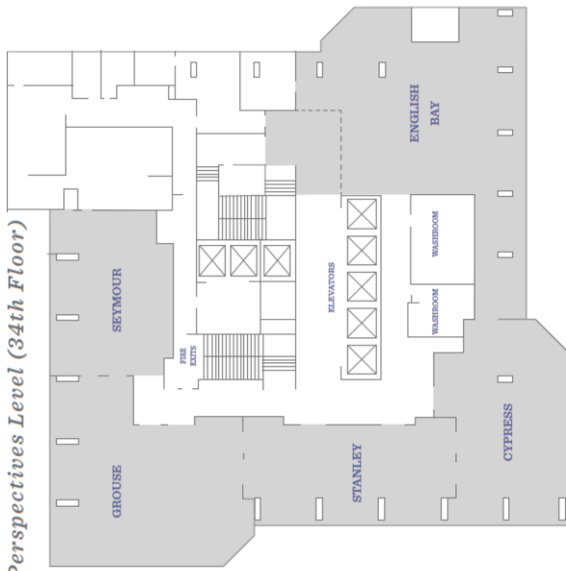
# *Convention Level (Third Floor)*



*Fourth Floor*



*Perspectives Level (34th Floor)*



## New Titles of Interest



**Edward Elgar**  
PUBLISHING

[www.e-elgar.com](http://www.e-elgar.com)

### Knowledge Borders

Temporary Labor Mobility and  
the Canada–US Border Region

**Kathrine E. Richardson**

2017 Hardback 978 1 78536 902 5

### A Research Agenda for Cities

Edited by **John Rennie Short**

2017 Hardback 978 1 78536 341 2

### Geographies of Growth

Innovations, Networks and Collaborations

Edited by **Charlie Karlsson, Martin Andersson,**  
and **Lina Bjerke**

2017 Hardback 978 1 78536 059 6

### Sustainable Innovation and Regional Development

Rethinking Innovative Milieus

Edited by **Leïla Kebir, Olivier Crevoisier, Pedro Costa**  
and **Véronique Peyrache-Gadeau**

2017 Hardback 978 1 78471 220 4

### Innovation in Developing and Transition Countries

Edited by **Alexandra Tsvetkova, Jana Schmutzler, Marcela Suarez**  
and **Alessandra Faggian**

2017 Hardback 978 1 78536 965 0

### Handbook of Research Methods and Applications in Transport Economics and Policy

Edited by **Chris Nash**

2015 Hardback 978 0 85793 792 6

2017 Paperback 978 1 78643 982 6

### Forecasting Urban Travel

**David E. Boyce** and **Huw C.W.L. Williams**

2015 Hardback 978 1 84844 960 2

2016 Paperback 978 1 78471 360 7

\*Special pricing on display copies at the meeting and  
35% discount on pre-paid orders – use discount  
code 'NARSC17' at [www.e-elgar.com](http://www.e-elgar.com)

#### TO ORDER, CONTACT:

Edward Elgar Publishing Inc.

PO Box 960

Herndon, VA, 20172-0960 US

Tel: (800) 390-3149

Fax: (703) 996-1010

[elgar.orders@presswarehouse.com](mailto:elgar.orders@presswarehouse.com)

#### FOR INFORMATION, CONTACT:

The William Pratt House

9 Dewey Court

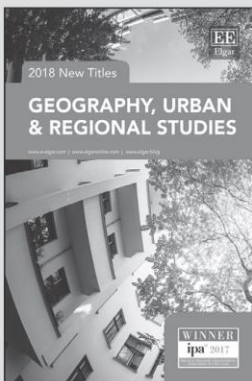
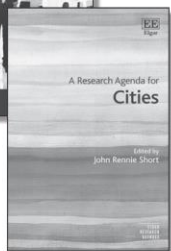
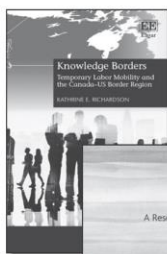
Northampton,

MA 01060-3815 US

Tel: (413) 584-5551

Fax: (413) 584-9933

[elgarinfo@e-elgar.com](mailto:elgarinfo@e-elgar.com)



For your free catalog email:  
[elgarinfo@e-elgar.com](mailto:elgarinfo@e-elgar.com)

<http://chinadataonline.org>; <http://chinadatatcenter.org>

☐ ***Authority***

☐ ***Completion***

☐ ***Uniqueness***

## **New Features**

The following new features have been added to the **China Data Online** :

**Statistical Datasheets** provides about 270,000 statistical tables from all provincial yearbooks and some other sources with full text search function and metadata, including citation information and unique table ID for direct access.

**Census Maps** covers more than 7 million census maps with data by province, city, county or even township, including population census 2000 and 2010, economic census 2004 and 2008, basic unit census 2001, and industrial census 1995.

## **China Geo-Explorer**

**China Geo-Explorer** fully integrates different data sources from government statistics, population census and economics census of China at different levels (province, city, county, township and ZIP code) into a web based spatial system with more than 6,000 comparable variables for easy access.

## **US Geo-Explorer**

**US Geo-Explorer** fully integrates the population census and business data of the U.S. from different years at different levels (state, metropolitan, county, CCD, tract and block) into a web based spatial system with more than 40,000 comparable variables for easy access.



# Journals of the Regional Science Association International



Online  
Only

## Regional Science **Policy & Practice**

Edited by Tomaz Ponce Dentinho

**Regional Science Policy & Practice** is an international journal that publishes high quality papers in applied regional science exploring policy and practice issues in regional and local development. It welcomes papers from a range of academic disciplines and practitioners including planning, public policy, geography, economics, environmental science and related fields. The editors invite submissions targeted at informing the policy development process leading to the formation of theoretically grounded regional policy. Contributions that result from collaborations between researchers and policy and practice professions are encouraged.

Indexed in Emerging Sources Citation Index (Clarivate Analytics)

[wileyonlinelibrary.com/journal/rspp](http://wileyonlinelibrary.com/journal/rspp)



Online  
Only

## Papers in **Regional Science**

Edited by Roberta Capello

**Papers in Regional Science** encourages high quality scholarship on a broad range of topics including, but not limited to, behavioural modelling of location, transportation, and migration decisions, land use and urban development, inter-industry analysis, environmental and ecological analysis, resource management, urban and regional policy analysis, geographical information systems, and spatial statistics.

The journal publishes papers that make a new contribution to the theory, methods and models related to urban and regional (or spatial) matters. The editors invite submissions of papers that emphasize the application of theoretical frameworks, methods and models, developed specifically for the study of urban and regional phenomena. They also welcome contributions to the understanding of regional phenomena that employ theoretical frameworks and methods developed in other fields.

IMPACT FACTOR: 1.272

ISI Journal Citation Reports © 2016: 42/79 (Geography); 77/105 (Environmental Studies); 121/347 (Economics)

[wileyonlinelibrary.com/journal/pirs](http://wileyonlinelibrary.com/journal/pirs)

Regional Science  
Association  
International



To access these journals, simply visit  
the **RSAl's Website Member Area**  
[www.regionalscience.org/](http://www.regionalscience.org/)

**WILEY**



# IMPLAN

## WHAT'S THE ECONOMIC IMPACT OF YOUR PROJECT?

The United States Department of Agriculture (USDA) recognizes the IMPLAN Input/Output modeling framework as, "... one of the most credible regional impact models used for regional economic impact analysis." following a review by experts from seven USDA agencies.

Contact us to learn more about our:

- Free Input/Output data for the classroom.
- Global data for more than 60 countries.
- Time series data with consistent sectioning scheme and estimation methodologies.

# IMPLAN.COM

**65<sup>th</sup>**

**NORTH AMERICAN  
MEETINGS of RSAI**

**November 7-10, 2018**



**SAN ANTONIO  
TEXAS**

## Notes