



**Preliminary Meeting Program  
Western Regional Science Association  
56th Annual Meeting**

**La Fonda on the Plaza | Santa Fe, New Mexico  
February 15–18, 2017**

***Wednesday, 15 February***

*12:00–3:00 PM, NE-1049 Business Meeting*

*2:00–6:00 PM, Registration*

*3:30–5:15 PM, The 7th Annual Lay James Gibson Plenary Opening Session*

*5:30–7:00 PM, Welcoming Reception*

*Wednesday, 3:30–5:15 PM*

***The 7th Annual Lay James Gibson Plenary Opening Session***

Chair: Lay James GIBSON, Univ. Arizona, Tucson, USA

***“New Mexico’s Economic Drivers: From Hatch Chile to Spaceport America”***

Steve VIERCK, Economic Development Corporation of Lea County (EDCLC), New Mexico

Discussant: TBA

*Wednesday, 5:30–7:00 PM*

***Welcoming Reception***

***Thursday, 16 February***

*8:00–11:45 AM, Registration*

*9:00–11:30 AM, 5th Annual Getis-Ord Lecture in Spatial Analysis*

*11:30 AM–1:00 PM, Lunch Break* (On your own this day)

*1:00–4:45 PM, Registration Continues*

*1:00–4:30 PM, Concurrent Sessions:*

**1A** Environmental Challenges

**1B** NE 1049 Entrepreneurship and Economic Development

**1C** Topics in Growth

**1D** REGIONAL SCIENCE ACADEMY OPEN ACADEMIC FORUM

**1E** Regulation and Development

**1F** Transit and Trains

*2:30–3:00 PM, Coffee Break*

*4:30–6:00 PM, WRSA Board Meeting* By invitation only

Thursday, 9:00–11:30 AM

**5th Annual Getis-Ord Lecture in Spatial Analysis**

Chair: Arthur GETIS, San Diego State Univ., California, USA

**Mixing spatial and other types of cross-sectional dependence**

James P. LESAGE, Texas State Univ., San Marcos, USA

Discussant: Serge REY, Arizona State Univ., Tempe, USA

Thursday, 1:00–4:30 PM

**Paper Session 1A ~**

**Environmental Challenges**

Chair: Kristy WALLMO, National Marine Fisheries Service, Maryland, USA

1:00–1:45

**The flooding risk assessment and social and economic impact analysis of Seoul**

Minsu SON, Seoul National Univ., Korea, Brian H.S. Hong Sok KIM, Seoul National Univ., Korea, Jiyoung PARK, State Univ. New York, Buffalo, USA, Dongin CHO, State Univ. New York, Buffalo, USA

Discussant: Jungmin LIM, Michigan State Univ., East Lansing, USA

1:45–2:30

**Los Angeles basin stormwater conservation: Trade-off and economic analysis**

Steven L. PIPER, Bureau Reclamation, Denver, Colorado, USA

Discussant: Yong CHEN, Oregon State Univ., Corvallis, USA

Coffee Break: 2:30–3:00

3:00–3:45

**Air pollution and perception-based averting behaviour in the Jinchuan mining Area, China: A structural equation modeling (SEM) approach**

Zhengtao LI, Univ. Groningen, The Netherlands, Henk FOLMER, Univ. Groningen, The Netherlands, Jianhong XUE, Northwest A&F Univ., China

Discussant: Allison G. BAUMAN, Colorado State Univ., Fort Collins, USA

3:45–4:30

**Modeling the impact of transaction costs in water markets in the western U.S.**

Allison G. BAUMAN, Colorado State Univ., Fort Collins, USA, Christopher GOEMANS, Colorado State Univ., Fort Collins, USA, James PRITCHETT, Colorado State Univ., Fort Collins, USA

Discussant: Jing LIANG, Arizona State Univ., Tempe, USA

Thursday, 1:00–4:30 PM

**Paper Session 1B ~**

**NE 1049 Entrepreneurship and Economic Development**

Chair: Mark PARTRIDGE, Ohio State Univ., Columbus, USA

1:00–1:45

**Rural migration patterns and entrepreneurship**

Matt KURES, Univ. Wisconsin, Extension, USA, Steven DELLER, Univ. Wisconsin, Madison, USA, Tessa CONROY, Univ. Wisconsin, Madison, USA

Discussant: Mark PARTRIDGE, Ohio State Univ., Columbus, USA

1:45–2:30

**Does the tide lift all boats? Entrepreneurial response to economic conditions across the rural-urban hierarchy**

Alexandra TSVETKOVA, Ohio State Univ., Columbus, USA, Mark PARTRIDGE, Ohio State Univ., Columbus, USA, Michael R. BETZ, Ohio State Univ., Columbus, USA

Discussant: Steven DELLER, Univ. Wisconsin, Madison, USA

Coffee Break: 2:30–3:00

3:00–3:45

**Do as I do: An application of discrete choice with social interactions to entrepreneurship**

Tessa CONROY, Univ. Wisconsin, Madison, USA, Stephan WEILER, Colorado State Univ., Fort Collins, USA

Discussant: Michael R. BETZ, Ohio State Univ., Columbus, USA

3:45–4:30

**Self-employment effects on regional growth: A bigger bang for a buck?**

Alexandra TSVETKOVA, Ohio State Univ., Columbus, USA, Mark PARTRIDGE, Ohio State Univ., Columbus, USA, Michael R. BETZ, Ohio State Univ., Columbus, USA

Discussant: Tessa CONROY, Univ. Wisconsin, Madison, USA

Thursday, 1:00–4:30 PM

**Paper Session 1C ~**

**Topics in Growth**

Chair: R. Pete PARCELLS, Whitman College, Walla Walla, Washington, USA

1:00–1:45

**Regional growth differences in China for 1995-2013: An integrative analysis of their sources**

Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA, Hongbo WANG, Oklahoma State Univ., Stillwater, USA

Discussant: Masaaki TOMA, Osaka Univ., Japan

1:45–2:30

**Globalization, coagglomeration and Japanese MNCs' overseas location \_in East Asia:\_ A case of Japanese automobile industry**

Suminori TOKUNAGA, Reitaku Univ., Japan

Discussant: Benson IGESA, Reitaku Univ., Japan

Coffee Break: 2:30–3:00

3:00–3:45

**The impacts of firm maturity on location preference: An analysis of manufacturing firm relocation in South Korea**

Yoojin YI, Seoul National Univ., Korea, Euijune KIM, Seoul National Univ., Korea, Seung-Woon MOON, Seoul National Univ., Korea

Discussant: Alexandra SCHAFFAR, Univ. Toulon, France

3:45–4:30

**General equilibrium model with big box**

Masa K. NAITO, Niigata Univ., Japan

Discussant: Michel DIMOU, Univ. Toulon, France

Thursday, 1:00–4:30 PM

**Paper Session 1D ~**

**REGIONAL SCIENCE ACADEMY OPEN ACADEMIC FORUM**

Chair: David A. PLANE, Univ. Arizona, Tucson, USA

**SIGNATURES OF REGIONAL SCIENCE**

**The Regional Science Academy Lecture Series: "Great Minds in Regional Science"**

Gordon MULLIGAN on Martin Beckmann

**The Regional Science Academy Lecture Series: "The Voice of The Regional Science Academy"**

Lay James GIBSON, Univ. Arizona, Tucson, USA

**Expanding the Content of Regional Science--Risks and Rewards**

Arthur GETIS, San Diego State Univ., California, USA

**Geography's Declining Influence on Regional Science**

Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

**Freight and Urban Structure: Some Explorations**

**The Regional Science Academy Ex Libris Session on:**

**- Which 2 or 3 Regional Science publications have been essential for your career, and why?**

Serge REY, Arizona State Univ., Tempe, USA

Marlon BOARNET, Univ. Southern California, Los Angeles, USA

John CARRUTHERS, George Washington Univ., Washington, D.C., USA

Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA

Thursday, 1:00–4:30 PM

**Paper Session 1E ~**

**Regulation and Development**

Chair: Geoffrey J.D. HEWINGS, Univ. Illinois, Urbana-Champaign, USA

1:00–1:45

**Can bureaucrats manipulate policy outcomes?**

Steven G. CRAIG, Univ. Houston, Texas, USA, Edward C. HOANG, Univ. Colorado, Colorado Springs, USA, Janet E. KOHLHASE, Univ. Houston, Texas, USA

Discussant: Peter NIJKAMP, Free Univ., Amsterdam, The Netherlands

1:45–2:30

**Searching for Engel in Buenos Aires: An inquiry into land use regulations and informal housing**

Eric J. HEIKKILA, Univ. Southern California, Los Angeles, USA, Julia G. HARTEN, Univ. Southern California, Los Angeles, USA

Discussant: Karima KOURTIT, Royal Inst. Technology (KTH), Stockholm, Sweden

Coffee Break: 2:30–3:00

3:00–3:45

***Out of market lending and regional activity***

Jamie HAAG, Pacific Univ., Oregon, USA

Discussant: Jon R. MILLER, Univ. Idaho, Moscow, USA

3:45–4:30

***The robustness of performance rankings of Asia-Pacific cities***

Peter NIJKAMP, Free Univ., Amsterdam, The Netherlands, Soushi SUZUKI, Hokkaido Univ. Education, Japan, Karima KOURTIT, Royal Inst. Technology (KTH), Stockholm, Sweden

Discussant: Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

*Thursday, 1:00–4:30 PM*

***Paper Session 1F ~***

***Transit and Trains***

Chair: Roger STOUGH, George Mason Univ., Fairfax, Virginia, USA

1:00–1:45

***Impact of high-speed rail on regional economic disparity in China***

Zhenhua CHEN, Ohio State Univ., Columbus, USA, Kingsley HAYNES, George Mason Univ., Fairfax, Virginia, USA

Discussant: Peter L. STENBERG, U.S. Dept. Agriculture, Washington, DC, USA

1:45–2:30

***What explains rapid transit use? Evidence from 102 urbanized areas***

David Emanuel ANDERSSON, Shanghai Tech Univ., China, Oliver F. SHYR, National Cheng-kung Univ., Taiwan

Discussant: Bradley W. LANE, Univ. Kansas, Lawrence, USA

*Coffee Break: 2:30–3:00*

3:00–3:45

***The impact of high-speed trains on agriculture land: Evidence from China***

Meng YU, Cornell Univ., Ithaca, New York, USA, Yuri MANSURY, Illinois Inst. Technology, Chicago, USA

Discussant: Roger STOUGH, George Mason Univ., Fairfax, Virginia, USA

3:45–4:30

***Understanding freight flows in cities: Does density crowd out freight intensive activities?***

Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA, Sanggyun KANG, Univ. Southern California, Los Angeles, USA,

Quan YUAN, Univ. Southern California, Los Angeles, USA, Eun-Jin SHIN, Univ. Southern California, Los Angeles, USA

Discussant: Alireza ERMAGUN, Univ. Minnesota, Minneapolis, USA

*Thursday, 4:30–6:00 PM*

***WRSA Board Meeting***

(By invitation only)

***Friday, 17 February***

8:00 AM–12:15 PM, ***Registration***

8:30 AM–12:00 PM, ***Concurrent Sessions:***

**2A** Disaster Impact, Health, and Resilience

**2B** Entrepreneurship that Works I

**2C** Remote Regions I: Economic Development, Governance, and Culture

**2D** The Keith Schwer Memorial Western States Economic Outlook Under a Trump Presidency

**2E** Housing I

**2F** Rural Development

**2G** Spatial Methods I

10:00–10:30 AM, ***Coffee Break***

12:15–2:15 PM, ***Annual Banquet Luncheon***

2:30–6:15 PM, ***Registration Continues***

2:30–6:00 PM, ***Concurrent Sessions:***

**3A** Calibrating Innovation

**3B** Entrepreneurship that Works II

**3C** Belmont Book Session I: Sustainability and Development in the Arctic: A Synthesis of Knowledge

**3D** NE 1049 Local Food Economics: What's Working?

- 3E Housing II
- 3F Topics in Development
- 3G Spatial Methods II

4:00–4:30 PM, *Coffee Break*

6:15–7:45 PM, *President's Reception*

Friday, 8:30 AM–12:00 PM

**Paper Session 2A ~**

**Disaster Impact, Health, and Resilience**

Chair: Henk FOLMER, Univ. Groningen, The Netherlands

8:30–9:15

**Evaluating the role of resilience in recovering from major port disruptions: A multi-regional analysis**

Dan WEI, Univ. Southern California, Los Angeles, USA, Zhenhua CHEN, Ohio State Univ., Columbus, USA, Adam ROSE, Univ. Southern California, Los Angeles, USA

Discussant: Steven L. PIPER, Bureau Reclamation, Denver, Colorado, USA

9:15–10:00

**Impacts of climate change and climate-related natural disasters on local labor markets**

Jianhong MU, Oklahoma State Univ., Stillwater, USA, Yong CHEN, Oregon State Univ., Corvallis, USA

Discussant: Minsu SON, Seoul National Univ., Korea

*Coffee Break: 10:00–10:30*

10:30–11:15

**Human components of flood impacts in the United States: Economic status, housing, and government**

Jungmin LIM, Michigan State Univ., East Lansing, USA, Mark SKIDMORE, Michigan State Univ., East Lansing, USA

Discussant: Adam ROSE, Univ. Southern California, Los Angeles, USA

11:15–12:00

**Built environment and air pollution exposure as determinants of asthma disparities in Los Angeles County**

Yonsu KIM, Southern California Assoc. Governments, Los Angeles, USA, Frank WEN, Southern California Assoc. Governments, Los Angeles, USA, Simon CHOI, Southern California Assoc. Governments, Los Angeles, USA, John CHO, Southern California Assoc. Governments, Los Angeles, USA, Jung SEO, Southern California Assoc. Governments, Los Angeles, USA

Discussant: YongJin AHN, Daegu Univ, Korea

Friday, 8:30 AM–12:00 PM

**Paper Session 2B ~**

**Entrepreneurship that Works I**

Chair: Maria ABREU, Univ. Cambridge, United Kingdom

8:30–9:15

**Profitable entrepreneurship or marginal self-employment? The bimodality of Latina self-employment in the United States**

Paul A. LEWIN, Univ. Idaho, Moscow, USA, Monica FISHER, Univ. Idaho, Moscow, USA

Discussant: Sierdjan KOSTER, Univ. Groningen, The Netherlands

9:15–10:00

**It's what and who you know: Women entrepreneurs, information asymmetry, and economic growth**

Stephan WEILER, Colorado State Univ., Fort Collins, USA, Tessa CONROY, Univ. Wisconsin, Madison, USA

Discussant: Martin Olof ANDERSSON, Blekinge Inst. Technology, Sweden

*Coffee Break: 10:00–10:30*

10:30–11:15

**Sustainable entrepreneurship: Values, social networks and spatial concentration**

Aleid Elizabeth BROUWER, Univ. Groningen, The Netherlands

Discussant: Özge ÖNER, Jönköping International Business School, Sweden

11:15–12:00

**The effectiveness of microenterprise policies in Chile: The case of entrepreneurship center - Chilecompra**

Sergio A. CONTRERAS, Univ. Illinois, Urbana-Champaign, USA

Discussant: Prahlad KASTURI, Radford Univ., Virginia, USA

Friday, 8:30 AM–12:00 PM

**Paper Session 2C ~**

**Remote Regions I: Economic Development, Governance, and Culture**

Chair: Lee HUSKEY, Univ. Alaska, Anchorage, USA

8:30–9:15

**Heading north, staying north? The increasing importance of international migrants to northern and remote Australia**

Andrew TAYLOR, Charles Darwin Univ., Australia

Discussant: Dwight NEWMAN, Univ. Saskatchewan, Saskatoon, Canada

9:15–10:00

**Bringing Aboriginal Title Lands in northern Canada into the economic mainstream**

Dwight NEWMAN, Univ. Saskatchewan, Saskatoon, Canada

Discussant: Pierre-Marcel DESJARDINS, Univ., Moncton, Canada

Coffee Break: 10:00–10:30

10:30–11:15

**The impact of declining 8(a) revenues on regional Alaska native corporations**

Greg PROTASEL, Univ. Alaska, Anchorage, USA

Discussant: Andrew TAYLOR, Charles Darwin Univ., Australia

11:15–12:00

**The impact of rural airports: A Canadian perspective**

Pierre-Marcel DESJARDINS, Univ., Moncton, Canada, Laurent GUIHÉRY, Univ. Cergy-Pontoise, France

Discussant: Barry GOUGH, Wilfrid Laurier Univ., Canada

Friday, 8:30 AM–12:00 PM

**Panel Session 2D ~**

**The Keith Schwer Memorial Western States Economic Outlook Under a Trump Presidency**

Chair: Richard WOBBEKIND, Univ. Colorado, Boulder, USA

**Arizona**

George HAMMOND, Univ. Arizona, Tucson, USA

**California**

Raymond SFEIR, Chapman Univ., California, USA

**Colorado**

Richard WOBBEKIND, Univ. Colorado, Boulder, USA

**Montana**

Brandon BRIDGE, Univ. Montana, Missoula, USA

**Nevada**

Stephen MILLER, Univ. Nevada, Las Vegas, USA

Coffee Break: 10:00–10:30

**New Mexico**

Jeffrey MITCHELL, Univ. New Mexico, Albuquerque, USA

**Texas**

Bruce KELLISON, Univ. Texas, Austin, USA

**Utah**

Juliette TENNERT, Univ. Utah, Salt Lake City, USA

**Washington**

R. Pete PARCELLS, Whitman College, Walla Walla, Washington, USA

Friday, 8:30 AM–12:00 PM

**Paper Session 2E ~**

**Housing I**

Chair: Marlon BOARNET, Univ. Southern California, Los Angeles, USA

8:30–9:15

**The subjective assessment of quality of urban life in Hong Kong: An overview**

Robert STIMSON, Univ. Melbourne, Australia, Chien Tat LOW, Univ. Hong Kong, China, Si CHEN, Univ. Hong Kong, China, Ester CERIN, Australian Catholic Univ., Paulina WONG, Univ. Hong Kong, China, Poh-Chin LAI, Univ. Hong Kong, China

Discussant: John CARRUTHERS, George Washington Univ., Washington, D.C., USA

9:15–10:00

**Rent control and evictions: Evidence from San Francisco**

Brian James ASQUITH, Univ. California, Irvine, USA

Discussant: Mats WILHELMSSON, Royal Inst. Technology (KTH), Stockholm, Sweden

Coffee Break: 10:00–10:30

10:30–11:15

***An analysis on the determinants for housing tenure type and real estate assets of retiree***

Jaesong LEE, Pusan National Univ., Korea, Hyunsoo KIM, Pusan National Univ., Korea, Hyobi CHOI, Pusan National Univ., Korea, Yeol CHOI, Pusan National Univ., Korea

Discussant: Marlon BOARNET, Univ. Southern California, Los Angeles, USA

11:15–12:00

***Urban revitalization and targeted demolitions: How housing markets respond to city-led redevelopment***

Nicholas IRWIN, Ohio State Univ., Columbus, USA

Discussant: Steven G. CRAIG, Univ. Houston, Texas, USA

Friday, 8:30 AM–12:00 PM

***Paper Session 2F ~***

***Rural Development***

Chair: Terry L. CLOWER, George Mason Univ. Fairfax, Virginia, USA

8:30–9:15

***An empirical analysis of healthcare and cultural service accessibility of rural area in Korea***

ManYi KIM, Seoul National Univ., Korea, Donghwan AN, Seoul National Univ., Korea

Discussant: Terry L. CLOWER, George Mason Univ. Fairfax, Virginia, USA

9:15–10:00

***Decoding rural decline and the ways of rural revival: The study of China***

Yuheng LI, Chinese Academy of Sciences, Beijing, Hans WESTLUND, Royal Inst. Technology (KTH), Stockholm, Sweden, Yansui LIU, Chinese Academy of Sciences, Beijing, China

Discussant: Suminori TOKUNAGA, Reitaku Univ., Japan

Coffee Break: 10:00–10:30

10:30–11:15

***Internet provision in rural Hispanic households***

Peter L. STENBERG, U.S. Dept. Agriculture, Washington, DC, USA

Discussant: Yuri MANSURY, Illinois Inst. Technology, Chicago, USA

11:15–12:00

***Age, location, and industry effects on rural innovation***

Chantalle E. LAFONTANT, Indiana Univ., Bloomington, USA, Tim SLAPER, Indiana Univ., Bloomington, USA, David B. AUDRETSCH, Indiana Univ., Bloomington, USA

Discussant: Li FANG, Univ. Maryland, College Park, USA

Friday, 8:30 AM–12:00 PM

***Paper Session 2G ~***

***Spatial Methods I***

Chair: Serge REY, Arizona State Univ., Tempe, USA

8:30–9:15

***A Bayesian spatial panel model with heterogenous coefficients***

James P. LESAGE, Texas State Univ., San Marcos, USA, Yao-Yu CHIH, Texas State Univ., San Marcos, USA

Discussant: Ingmar R. PRUCHA, Univ. Maryland, College Park, USA

9:15–10:00

***Measuring spatial interactions among retailers: Accounting for zoning and spatial dependence***

Isabelle NILSSON, Univ. North Carolina, Charlotte, USA, Oleg SMIRNOV, Univ. Toledo, Ohio, USA

Discussant: Wei KANG, Arizona State Univ., Tempe, USA

Coffee Break: 10:00–10:30

10:30–11:15

***Regional income mobility and spatial dependence***

Wei KANG, Arizona State Univ., Tempe, USA, Serge REY, Arizona State Univ., Tempe, USA

Discussant: Yao-Yu CHIH, Texas State Univ., San Marcos, USA

11:15–12:00

***The growth of small insular economies***

Michel DIMOU, Univ. Toulon, France, Alexandra SCHAFFAR, Univ. Toulon, France

Discussant: Serge REY, Arizona State Univ., Tempe, USA

*Friday, 12:15 PM–2:15 PM*  
**Annual Banquet Luncheon**

Chair: Bruce NEWBOLD, McMaster Univ., Hamilton, Ontario, Canada

**Announcements:**

Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

**The 21st Springer-Verlag Prize**

*Presented by:*

Martin Olof ANDERSSON, Blekinge Inst. Technology, Sweden, Euijune KIM, Seoul National Univ., Korea,  
and Janet E. KOHLHASE, Univ. Houston, Texas, USA

**The 31st Charles M. Tiebout Prize**

Presented by: Serge REY, Arizona State Univ., Tempe, USA

**Presidential Address: Analytics in Regional Science**

Alan MURRAY, Univ. California, Santa Barbara, USA

**Discussant**

Daoqin TONG, Univ. Arizona, Tucson, USA

*Friday, 2:30–6:00 PM*

**Paper Session 3A ~**

**Calibrating Innovation**

Chair: Kingsley HAYNES, George Mason Univ., Fairfax, Virginia, USA

2:30–3:15

**Advantage integration-based collaborative innovation system: Performance measurement and system optimization**

Yongda YU, Tsinghua Univ., China, Yinyao SUN, Tsinghua Univ., China, Roger STOUGH, George Mason Univ., Fairfax, Virginia, USA

Discussant: John CHO, Southern California Assoc. Governments, Los Angeles, USA

3:15–4:00

**Demand for unmanned aircraft: Challenges, opportunities and operational restrictions**

Bijan VASIGH, Embry-Riddle Aeronautical Univ., Daytona Beach, Florida, USA, Darryl JENKINS, Consultant, Virginia, G. Rod ERFANI, Transylvania Univ., Lexington, Kentucky, USA

Discussant: Kingsley HAYNES, George Mason Univ., Fairfax, Virginia, USA

*Coffee Break: 4:00–4:30*

4:30–5:15

**On the meaning and influence of range anxiety on the adoptability of electric vehicles**

Bradley W. LANE, Univ. Kansas, Lawrence, USA

Discussant: Zhenhua CHEN, Ohio State Univ., Columbus, USA

5:15–6:00

**Governance and the China innovation economy**

Roger STOUGH, George Mason Univ., Fairfax, Virginia, USA

Discussant: David Emanuel ANDERSSON, Shanghai Tech Univ., China

*Friday, 2:30–6:00 PM*

**Paper Session 3B ~**

**Entrepreneurship that Works II**

Chair: Aleid Elizabeth BROUWER, Univ. Groningen, The Netherlands

2:30–3:15

**Layers of segregation and the probability of employment and entrepreneurship among immigrants: neighborhood, city, region**

Özge ÖNER, Jönköping International Business School, Sweden, Johan KLAESSON, Jönköping International Business School, Sweden

Discussant: Monica FISHER, Univ. Idaho, Moscow, USA

3:15–4:00

**Gender patterns in academic entrepreneurship**

Maria ABREU, Univ. Cambridge, United Kingdom, Vadim GRINEVICH, Univ. Southampton, United Kingdom

Discussant: Sergio A. CONTRERAS, Univ. Illinois, Urbana-Champaign, USA

*Coffee Break: 4:00–4:30*

4:30–5:15

**Can I borrow some urbanization? The influence of urban spillovers on start-up patterns**

Lianne HANS, Univ. Groningen, The Netherlands, Sierdjan KOSTER, Univ. Groningen, The Netherlands

Discussant: Stephan WEILER, Colorado State Univ., Fort Collins, USA



5:15–6:00

***The relationship between economic growth, innovation and entrepreneurship revisited***

Prahlad KASTURI, Radford Univ., Virginia, USA, Daniel FARHAT, Radford Univ., Virginia, USA

Discussant: Aleid Elizabeth BROUWER, Univ. Groningen, The Netherlands

Friday, 2:30–6:00 PM

***Paper Session 3C ~***

***Belmont Book Session I: Sustainability and Development in the Arctic: A Synthesis of Knowledge***

Chair: Chris SOUTHCOFF, Lakehead Univ., Canada

2:30–3:15

***Introduction***

Andrey PETROV, Univ. Northern Iowa, USA

3:15–4:00

***Concepts of sustainability and sustainable development and the Arctic***

Peter SCHWEITZER, Univ. Vienna, Austria, Jessica GRAYBILL, Colgate Univ., New York, USA

Coffee Break: 4:00–4:30

4:30–5:15

***Methodological approaches to understanding sustainability***

Gary KOIFINAS, Univ. Alaska, Fairbanks, USA

5:15–6:00

***Sustainable environments***

Jessica GRAYBILL, Colgate Univ., New York, USA

Friday, 2:30–5:15 PM

***Paper Session 3D ~***

***NE 1049 Local Food Economics: What's Working?***

Chair: Dawn THILMANY MCFADDEN, Colorado State Univ., Fort Collins, USA

2:30–3:15

***Farmer characteristics and direct-to-consumer agricultural sales***

Jeffrey K. OHARA, USDA Agricultural Marketing Service, USA, Dave SHIDELER, Oklahoma State Univ., Stillwater, USA

Discussant: Dawn THILMANY MCFADDEN, Colorado State Univ., Fort Collins, USA

3:15–4:00

***Local food hubs: Profit viability and social responsibility***

Rebecca CLEARY, Pennsylvania State Univ., University Park, USA, Stephan J. GOETZ, Pennsylvania State Univ., USA, Alessandro

BONANNO, Colorado State Univ., Fort Collins, USA, Houtian GE, Pennsylvania State Univ., USA

Discussant: Dave SHIDELER, Oklahoma State Univ., Stillwater, USA

Coffee Break: 4:00–4:30

4:30–5:15

***The financial performance implications of differential marketing strategies: Exploring farms that pursue local markets as a core competitive advantage***

Dawn THILMANY MCFADDEN, Colorado State Univ., Fort Collins, USA, Allison G. BAUMAN, Colorado State Univ., Fort Collins, USA, Becca B.R. JABLONSKI, Colorado State Univ., Fort Collins, USA

Discussant: Rebecca CLEARY, Pennsylvania State Univ., University Park, USA

Friday, 2:30–6:00 PM

***Paper Session 3E ~***

***Housing II***

Chair: John CARRUTHERS, George Washington Univ., Washington, D.C., USA

2:30–3:15

***Environmentally sustainable and affordable housing near transit in Los Angeles***

Marlon BOARNET, Univ. Southern California, Los Angeles, USA, Raphael BOSTIC, Univ. Southern California, Los Angeles, USA, Seva RODNYANSKY, Univ. Southern California, Los Angeles, USA, Raul SANTIAGO-BARTOLOMEI, Univ. Southern California, Los Angeles, USA

Discussant: John CARRUTHERS, George Washington Univ., Washington, D.C., USA

3:15–4:00

***Differences in capitalization of accessibility between modes of transportation -- Car, bus and rail***

Mats WILHELMSSON, Royal Inst. Technology (KTH), Stockholm, Sweden, Fredrik KOPSCH, Technology and Society

Discussant: Nicholas IRWIN, Ohio State Univ., Columbus, USA

Coffee Break: 4:00–4:30

4:30–5:15

***The impact of trails on property values***

Matt GNAGEY, Weber State Univ., Ogden, Utah, USA, Therese GRIJALVA, Weber State Univ., Ogden, Utah, USA

Discussant: Brian James ASQUITH, Univ. California, Irvine, USA

5:15–6:00

***Business churning and neighborhood stability: Is there a link?***

Jae Hong KIM, Univ. California, Irvine, USA, Kevin KANE, Univ. California, Irvine, USA, Young-An KIM, Univ. California, Irvine, USA, John R. HIPPI, Univ. California, Irvine, USA

Discussant: Yeol CHOI, Pusan National Univ., Korea

Friday, 2:30–6:00 PM

***Paper Session 3F ~***

***Topics in Development***

Chair: Robert STIMSON, Univ. Melbourne, Australia

2:30–3:15

***Modified Analytic Hierarchy Process for project proposal evaluation: An alternative method for practical implementation***

Tschangho John KIM, Univ. Illinois, Urbana-Champaign, USA

Discussant: Neil REID, Univ. of Toledo, Ohio, USA

3:15–4:00

***Natural advantage and agglomeration of Washington wineries***

Jon R. MILLER, Univ. Idaho, Moscow, USA, Daniel C. HICKMAN, Univ. Idaho, Moscow, USA

Discussant: Eric J. HEIKKILA, Univ. Southern California, Los Angeles, USA

Coffee Break: 4:00–4:30

4:30–5:15

***Geographic patterns of craft breweries at the intra-metropolitan scale***

Isabelle NILSSON, Univ. North Carolina, Charlotte, USA, Neil REID, Univ. of Toledo, Ohio, USA, Matthew LENHERT, Univ. Toledo, Ohio, USA

Discussant: Tim SLAPER, Indiana Univ., Bloomington, USA

5:15–6:00

***The impact of Kenyan fiscal policy and tariff elimination to the Kenyan economy***

Suminori TOKUNAGA, Reitaku Univ., Japan, Benson IGESA, Reitaku Univ., Japan, Mitsuru OKIYAMA, Retake Univ., Japan

Discussant: Jamie HAAG, Pacific Univ., Oregon, USA

Friday, 2:30–6:00 PM

***Paper Session 3G ~***

***Spatial Methods II***

Chair: Arthur GETIS, San Diego State Univ., California, USA

2:30–3:15

***A robust test for network generated dependence***

Xiaodong LIU, Univ. Colorado, Boulder, USA, Ingmar R. PRUCHA, Univ. Maryland, College Park, USA

Discussant: Arthur GETIS, San Diego State Univ., California, USA

3:15–4:00

***Network weight matrices and traffic flow analysis***

Alireza ERMAGUN, Univ. Minnesota, Minneapolis, USA

Discussant: Alan MURRAY, Univ. California, Santa Barbara, USA

Coffee Break: 4:00–4:30

4:30–5:15

***The Maximal Covering Shortest Path Problem: The problem of finding optimality***

Rick CHURCH, Univ. California, Santa Barbara, USA, Timothy J. NIBLETT, Univ. California, Santa Barbara, USA

Discussant: Daoqin TONG, Univ. Arizona, Tucson, USA

5:15–6:00

***Transportation factors affecting child asthma morbidity: Evidence from spatial analysis in the city of Seoul, South Korea***

YongJin AHN, Daegu Univ, Korea, Dohyung KIM, California Polytechnic State Univ., Pomona, USA

Discussant: Pengyu ZHU, Hong Kong Univ., China

Friday, 6:15–7:45 PM

***President's Reception***

## **Saturday, 18 February**

8:00 AM–12:45 PM, **Registration**

8:30 AM–12:00 or 12:45 PM, **Concurrent Sessions:**

- 4A Resource Management and Value
- 4B Population
- 4C Belmont Book Session II: Sustainability and Development in the Arctic: A Synthesis of Knowledge
- 4D Trade
- 4E Cities I
- 4F Economic Development
- 4G Poverty and Inequality

10:00–10:30 AM, **Coffee Break**

12:45–2:00 PM, **Lunch Break** (On your own this day)

2:00–5:30 or 6:15 PM, **Concurrent Sessions:**

- 5A Energy and the Environment
- 5B Labor Markets and Employment
- 5C Belmont Book Session III: Sustainability and Development in the Arctic: A Synthesis of Knowledge
- 5D Development and Trade
- 5E Cities II
- 5F Social Safety Net Research

3:30–4:00 PM, **Coffee Break**

(6:15 PM, *End of Conference*)

*Saturday, 8:30 AM–12:45 PM*

**Paper Session 4A ~**

**Resource Management and Value**

Chair: Gordon MULLIGAN, Univ. Arizona, Tucson, USA

8:30–9:15

**Woody biomass processing: Potential economic impacts on rural regions**

Randall JACKSON, West Virginia Univ., Morgantown, USA, Amir B. FERRERA NETO, West Virginia Univ., Morgantown, USA, Elham ERFANIAN, West Virginia Univ., Morgantown, USA

Discussant: Brian H.S. Hong Sok KIM, Seoul National Univ., Korea

9:15–10:00

**Using choice models to inform large marine protected area design**

Rosemary KOSAKA, National Marine Fisheries Service, USA, Kristy WALLMO, National Marine Fisheries Service, Maryland, USA

Discussant: Yueming QIU, Arizona State Univ., Tempe, USA

*Coffee Break: 10:00–10:30*

10:30–11:15

**Optimal weed control strategies in rice production under static and dynamic decision rules**

Woongchan JEON, Seoul National Univ., Korea, Kwansoo KIM, Seoul National Univ., Korea

Discussant: Hodjat GHADIMI, West Virginia Univ., Morgantown, USA

11:15–12:00

**How can a housing bust increase natural amenity values? Evidence from the Georgia coast**

Warren KRIESEL, Univ. Georgia, Athens, USA

Discussant: Gordon MULLIGAN, Univ. Arizona, Tucson, USA

12:00–12:45

**The effect of urban green on disaster mitigation in Korea**

Brian H.S. Hong Sok KIM, Seoul National Univ., Korea, So Soon KIM, Seoul National Univ., Korea

Discussant: Warren KRIESEL, Univ. Georgia, Athens, USA

*Saturday, 8:30 AM–12:00 PM*

**Paper Session 4B ~**

**Population**

Chair: Johan KLAESSON, Jönköping International Business School, Sweden

8:30–9:15

**Child health outcomes in Sub-Saharan Africa: A comparison of changes in climate and socio-economic factors**

Frank M. DAVENPORT IV, Univ. California, Santa Barbara, USA, Kathryn GRACE, Univ. Minnesota, Twin Cities, USA, Chris FUNK, Univ. California, Santa Barbara, USA, Shraddhanand SHUKLA, Univ. California, Santa Barbara, USA

Discussant: Bruce NEWBOLD, McMaster Univ., Hamilton, Ontario, Canada

9:15–10:00

***Inter-person distance: A new objective measure for assessing political redistricting plans***

Daoqin TONG, Univ. Arizona, Tucson, USA, David A. PLANE, Univ. Arizona, Tucson, USA, Ting LEI, Univ. Kansas, Lawrence, USA

Discussant: Rick CHURCH, Univ. California, Santa Barbara, USA

*Coffee Break: 10:00–10:30*

10:30–11:15

***Do urban amenities explain income sorting within cities? Using geo-coded data from Stockholm Metropolitan Region***

Özge ÖNER, Jönköping International Business School, Sweden

Discussant: Janet E. KOHLHASE, Univ. Houston, Texas, USA

11:15–12:00

***Residential segregation, built environment and commuting patterns of migrant workers in China***

Pengyu ZHU, Hong Kong Univ., China

Discussant: Koichi FUKUMURA, Osaka Univ., Japan

*Saturday, 8:30 AM–12:00 PM*

***Paper Session 4C ~***

***Belmont Book Session II: Sustainability and Development in the Arctic: A Synthesis of Knowledge***

Chair: Jessica GRAYBILL, Colgate Univ., New York, USA

8:30–9:15

***Sustainable regions and communities***

Rasmus Ole RASMUSSEN, Nordregio, Sweden

9:15–10:00

***Sustainable economies***

Joan LARSON, Univ. Akureyri, Iceland, Lee HUSKEY, Univ. Alaska, Anchorage, USA

*Coffee Break: 10:00–10:30*

10:30–11:15

***Sustainable cultures***

Peter SCHWEITZER, Univ. Vienna, Austria, Gertrude SAXINGER, Univ. Vienna, Austria

11:15–12:00

***Sustainable cities***

Aileen ESPIRITU, Univ. Tromsø, Norway

*Saturday, 8:30 AM–12:45 PM*

***Paper Session 4D ~***

***Trade***

Chair: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

8:30–9:15

***Why some new firms export - The importance of the Board of Directors***

Ingrid VIKLUND ROS, Royal Inst. Technology (KTH), Stockholm, Sweden

Discussant: Gregory S. ALWARD, Univ. Idaho, Moscow, USA

9:15–10:00

***Analysis of the inland distribution of maritime traffic: An application of the gravity model***

Lorena GARCIA-ALONSO, Univ. Oviedo, Spain, Rafael GARDUNO-RIVERA, CIDE, Mexico

Discussant: Fredrik KOPSCH, Technology and Society

*Coffee Break: 10:00–10:30*

10:30–11:15

***Firm networks, borders and regional economic integration***

Mark BROWN, Statistics Canada, Ottawa, Ontario, Afshan DAR-BRODEUR, Statistics Canada, Ottawa, Ontario, Jesse TWEEDLE, Univ. Calgary, Canada

Discussant: Genevieve GIULIANO, Univ. Southern California, Los Angeles, USA

11:15–12:00

***Yield spreads, the exchange rate, and recession predictability for Northern Mexico border Economies***

Laura M. SAENZ ROJO, Univ. Texas, El Paso, USA, Adam WALKE, Univ. Texas, El Paso, USA, Thomas M. FULLERTON, Univ. Texas, El Paso, USA

Discussant: Stephen C. COOKE, Alward Institute for Collaborative Science

12:00–12:45

***The Ricardian model of climate change impact meets the Ricardian model of interregional trade: Theory and evidence***

Sandy DALL ERBA, Univ. Illinois, Urbana-Champaign, USA, Fang FANG, Univ. Arizona, Tucson, USA, Zhangliang CHEN, Univ. Illinois, Urbana-Champaign, USA

Discussant: Mark BROWN, Statistics Canada, Ottawa, Ontario

*Saturday, 8:30 AM–12:00 PM*

***Paper Session 4E ~***

***Cities I***

Chair: Hans WESTLUND, Royal Inst. Technology (KTH), Stockholm, Sweden

8:30–9:15

***Agglomeration in Los Angeles***

John CHO, Southern California Assoc. Governments, Los Angeles, USA, Peter GORDON, Univ. South Carolina, Los Angeles, USA

Discussant: Daniela Luminita CONSTANTIN, Bucharest Univ. Economic Studies, Romania

9:15–10:00

***Structural change in city systems evolution: City interdependence in Sweden, 1810-2010***

Martin Olof ANDERSSON, Blekinge Inst. Technology, Sweden, Börje JOHANSSON, Jönköping Univ., Sweden, Thomas NIEDOMYSL, Lund Univ., Sweden

Discussant: Peter GORDON, Univ. South Carolina, Los Angeles, USA

*Coffee Break: 10:00–10:30*

10:30–11:15

***City systems in the Caspian region: A spatial economic analysis***

John CARRUTHERS, George Washington Univ., Washington, D.C., USA, Negin ASKARZADEH, George Washington Univ., Washington, DC, USA, Ainur MONTAYEVA, George Washington Univ., Washington, DC, USA

Discussant: Matt GNAGEY, Weber State Univ., Ogden, Utah, USA

11:15–12:00

***Modeling the changes of employment subcenters: A comparison study of Houston and Dallas***

Qisheng PAN, Texas Southern Univ., Houston, USA

Discussant: Joakim WERNBERG, Lund Univ., Sweden

*Saturday, 8:30 AM–12:45 PM*

***Paper Session 4F ~***

***Economic Development***

Chair: Euijune KIM, Seoul National Univ., Korea

8:30–9:15

***Patent exploitation versus patent creation: Using patent-technology and industry-technology to assess production and R&D colocation in U.S. counties***

Tim SLAPER, Indiana Univ., Bloomington, USA, Karter HARMON, Indiana Univ., Bloomington, USA

Discussant: Thu Ha VU, Hiroshima Univ., Japan

9:15–10:00

***A dynamic shift-share analysis of the economic impacts of recessions and expansions on Nevada proprietor and employment***

Thomas R. HARRIS, Univ. Nevada, Reno, USA, Cameron BELT, Univ. Nevada, Reno, USA

Discussant: Irving LLAMOSAS-ROSAS, Univ. Guadalajara, Jalisco, Mexico

*Coffee Break: 10:00–10:30*

10:30–11:15

***Business climate is in the eye of the employer***

Philip WATSON, Univ. Idaho, Moscow, USA, Haley HILDEBRANDT, Univ. Idaho, Moscow, USA

Discussant: Chantalle E. LAFONTANT, Indiana Univ., Bloomington, USA

11:15–12:00

***Does market size matter for gambling-based tourism?***

Karl R. GEISLER, New Mexico State Univ., Las Cruces, USA

Discussant: Thomas R. HARRIS, Univ. Nevada, Reno, USA

12:00–12:45

***Clusters and innovation: Selection or learning?***

Li FANG, Univ. Maryland, College Park, USA

Discussant: Isabelle NILSSON, Univ. North Carolina, Charlotte, USA

*Saturday, 8:30 AM–12:00 PM*

***Paper Session 4G ~***

***Poverty and Inequality***

Chair: Douglas JONES, Ohio State Univ., Columbus, USA

8:30–9:15

***Surviving the Great Recession - The influence of inequality in U.S. urban counties***

Paul A. LEWIN, Univ. Idaho, Moscow, USA, Philip WATSON, Univ. Idaho, Moscow, USA, Anna BROWN, Univ. Idaho, Moscow, USA

Discussant: Danya KIM, Univ. Wisconsin, Madison, USA

9:15–10:00

***Economic trends and income inequality in the gateway communities of the U.S. Lake States: A spatial panel model approach***

Danya KIM, Univ. Wisconsin, Madison, USA, David W. MARCOUILLER, Univ. Wisconsin, Madison, USA

Discussant: Deokho CHO, Daegu Univ., Korea

*Coffee Break: 10:00–10:30*

10:30–11:15

***Growth and inequality in Southeast Asia: Regional and sub-national perspectives***

Masumi ONO, Tokyo Univ. Foreign Studies, Japan

Discussant: Paul A. LEWIN, Univ. Idaho, Moscow, USA

11:15–12:00

***Spatial analyses of TANF and child neglect during the Great Recession***

Vicky ALBERT, Univ. Nevada, Las Vega, USA, Jaewon LIM, Univ. Nevada, Las Vegas, USA

Discussant: Michael FARRELL, Univ. Québec, Trois Rivières, Canada

*Saturday, 2:00–6:15 PM*

***Paper Session 5A ~***

***Energy and the Environment***

Chair: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

2:00–2:45

***Do energy retrofits work? Evidence from commercial and residential buildings in Phoenix***

Jing LIANG, Arizona State Univ., Tempe, USA, Yueming QIU, Arizona State Univ., Tempe, USA, Benjamin RUDELL, Northern Arizona Univ., Flagstaff, USA, Michael DALRYMPLE, Arizona State Univ., Tempe, USA, Stevan EARL, Arizona State Univ., Tempe, USA, Alex CASTELAZO, American Express, Timothy JAMES, Arizona State Univ., Tempe, USA

Discussant: Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

2:45–3:30

***A regional and multi-regional approach to sustainable global energy systems: Prospects for energy rich regions***

Hodjat GHADIMI, West Virginia Univ., Morgantown, USA

Discussant: Bijan VASIGH, Embry-Riddle Aeronautical Univ., Daytona Beach, Florida, USA

*Coffee Break: 3:30–4:00*

4:00–4:45

***Energy savings from state electric energy efficiency programs in the United States, 2007–2012***

David BERRY, Western Resource Advocates, Yueming QIU, Arizona State Univ., Tempe, USA

Discussant: Makena COFFMAN, Univ. Hawaii, Manoa, USA

4:45–5:30

***Estimation and projection of institutional building electricity consumption***

Binita KC, Northeastern Univ., Boston, Massachusetts, USA, Matthias RUTH, Northeastern Univ., Boston, Massachusetts, USA

Discussant: Masa K. NAITO, Niigata Univ., Japan

5:30–6:15

***Integrating renewable energy with time varying pricing***

Makena COFFMAN, Univ. Hawaii, Manoa, USA, Paul BERNSTEIN, Univ. Hawaii, Manoa, USA, Sherilyn WEE, Univ. Hawaii, Manoa, USA, Aida ARIK, Univ. Hawaii, Manoa, USA

Discussant: Kwansoo KIM, Seoul National Univ., Korea

*Saturday, 2:00–5:30 PM*

***Paper Session 5B ~***

***Labor Markets and Employment***

Chair: Dan S. RICKMAN, Oklahoma State Univ., Stillwater, USA

2:00–2:45

***Labor force diversity and new firm formation***

Mikaela BACKMAN, Jönköping International Business School, Sweden, Janet E. KOHLHASE, Univ. Houston, Texas, USA

Discussant: Ingrid VIKLUND ROS, Royal Inst. Technology (KTH), Stockholm, Sweden

2:45–3:30

***Refugees in Sweden: Granted asylum and seeking jobs***

Hans LÖÖF, Royal Inst. Technology (KTH), Stockholm, Sweden

Discussant: Frank M. DAVENPORT IV, Univ. California, Santa Barbara, USA

*Coffee Break: 3:30–4:00*

4:00–4:45

***Demographics, immigration, and market size***

Koichi FUKUMURA, Osaka Univ., Japan, Kohei NAGAMACHI, Kagawa Univ., Japan, Yasuhiro SATO, Univ. Tokyo, Japan, Kazuhiro YAMAMOTO, Osaka Univ., Japan

Discussant: Hans LÖÖF, Royal Inst. Technology (KTH), Stockholm, Sweden

4:45–5:30

**Why is the labor market participation rate lower for female graduates in the metropolitan area of Japan?**

Maki KATO, Hitotsubashi Univ., Japan

Discussant: Karl R. GEISLER, New Mexico State Univ., Las Cruces, USA

*Saturday, 2:00–5:30 PM*

**Paper Session 5C ~**

**Belmont Book Session III: Sustainability and Development in the Arctic: A Synthesis of Knowledge**

Chair: Peter SCHWEITZER, Univ. Vienna, Austria

2:00–2:45

**Sustainable resources**

Chris SOUTHCOTT, Lakehead Univ., Canada, Gary KOIFINAS, Univ. Alaska, Fairbanks, USA

2:45–3:30

**Monitoring of sustainability and sustainable development**

Tatiana VLASOVA,, Andrey PETROV, Univ. Northern Iowa, USA, Joan LARSON, Univ. Akureyri, Iceland

*Coffee Break: 3:30–4:00*

4:00–4:45

**Governance for sustainability**

Gail FONDAHL, Univ. Northern British Columbia, Canada

4:45–5:30

**Future directions**

Andrey PETROV, Univ. Northern Iowa, USA, Peter SCHWEITZER, Univ. Vienna, Austria, Jessica GRAYBILL, Colgate Univ., New York, USA

*Saturday, 2:00–6:15 PM*

**Paper Session 5D ~**

**Development and Trade**

Chair: Randall JACKSON, West Virginia Univ., Morgantown, USA

2:00–2:45

**An urban-rural interregional Social Accounting Matrix approach estimating fiscal flows between regions: An example from Idaho**

Gregory S. ALWARD, Univ. Idaho, Moscow, USA, Philip WATSON, Univ. Idaho, Moscow, USA, R. G. TAYLOR, Univ. Idaho, Moscow, USA

Discussant: Rafael GARDUNO-RIVERA, CIDE, Mexico

2:45–3:30

**A sector's contribution to the economy: Compared with the Approaches Suggested by IMPLAN**

Stephen C. COOKE, Alward Institute for Collaborative Science, David KAY, Alward Inst. Collaborative Science, Philip WATSON, Univ. Idaho, Moscow, USA, Gregory S. ALWARD, Univ. Idaho, Moscow, USA

Discussant: Mark BROWN, Statistics Canada, Ottawa, Ontario

*Coffee Break: 3:30–4:00*

4:00–4:45

**Determinants of Foreign Direct Investment attraction in the manufacturing sector among Mexican states between 1999-2015: A spatial approach**

Felipe FONSECA, Bank of Mexico, Irving LLAMOSAS-ROSAS, Univ. Guadalajara, Jalisco, Mexico

Discussant: Philip WATSON, Univ. Idaho, Moscow, USA

4:45–5:30

**Does microfinance improve households' welfare of ethnic minorities Evidence from Bac Kan Province, Vietnam**

Thu Ha VU, Hiroshima Univ., Japan, Daisaku GOTO, Hiroshima Univ., Japan

Discussant: Sandy DALL ERBA, Univ. Illinois, Urbana-Champaign, USA

5:30–6:15

**Estimating spillover effects of Asian highway development on economies of Northeast Asia**

Euijune KIM, Seoul National Univ., Korea, Seung-Woon MOON, Seoul National Univ., Korea, Yoojin YI, Seoul National Univ., Korea

Discussant: Adam WALKE, Univ. Texas, El Paso, USA

*Saturday, 2:00–5:30 PM*

***Paper Session 5E ~***

***Cities II***

Chair: David A. PLANE, Univ. Arizona, Tucson, USA

*2:00–2:45*

***Integrated urban planning and planned communities: The case of Reston, Virginia***

Daniela Luminita CONSTANTIN, Bucharest Univ. Economic Studies, Romania

Discussant: Rachel S. FRANKLIN, Brown Univ., Providence, Rhode Island, USA

*2:45–3:30*

***Historical experiences of government's role in urbanization and their relevance for current China***

Hans WESTLUND, Royal Inst. Technology (KTH), Stockholm, Sweden, Yuheng LI, Chinese Academy of Sciences, Beijing

Discussant: Juan Carlos G. LOPEZ, Univ. Denver, Colorado, USA

*Coffee Break: 3:30–4:00*

*4:00–4:45*

***Cultural workers and the character of cities***

Juan Carlos G. LOPEZ, Univ. Denver, Colorado, USA

Discussant: Jae Hong KIM, Univ. California, Irvine, USA

*4:45–5:30*

***Intracity scaling analysis and micro-agglomerations***

Joakim WERNBERG, Lund Univ., Sweden

Discussant: David A. PLANE, Univ. Arizona, Tucson, USA

*Saturday, 2:00–5:30 PM*

***Paper Session 5F ~***

***Social Safety Net Research***

Chair: Qisheng PAN, Texas Southern Univ., Houston, USA

*2:00–2:45*

***An exploratory study of the regional distribution of non-monetary health care costs, (wait times), in Quebec***

Michael FARRELL, Univ. Québec, Trois Rivières, Canada

Discussant: Yuheng LI, Chinese Academy of Sciences, Beijing

*2:45–3:30*

***Analysis of contributing factors to payment of social security of elderly households using panel data***

Deokho CHO, Daegu Univ., Korea, Youngsook CHUNG, Daegu Univ., Korea, Changwhan YEO, Daegu Univ., Korea

Discussant: Qisheng PAN, Texas Southern Univ., Houston, USA

*Coffee Break: 3:30–4:00*

*4:00–4:45*

***Transition of spatial distribution of human capital in Japan***

Yasuhiro SATO, Univ. Tokyo, Japan, Masaaki TOMA, Osaka Univ., Japan

Discussant: Jaewon LIM, Univ. Nevada, Las Vegas, USA

*4:45–5:30*

***Addressing future demand for paratransit services: Cost implications and policy options in the Washington, DC Metro Area***

David VERSEL, George Mason Univ., Fairfax, Virginia, USA, Terry L. CLOWER, George Mason Univ. Fairfax, Virginia, USA,

Jeannette CHAPMAN, George Mason Univ., Fairfax, Virginia, USA

Discussant: Donghwan AN, Seoul National Univ., Korea



## Index to Participants

ABREU, Maria (ma405@cam.ac.uk): **2B**, 3B  
AHN, YongJin (dadaist21@gmail.com): 2A, 3G  
ALBERT, Vicky (vicky.albert@unlv.edu): 4G  
ALWARD, Gregory S. (galward@uidaho.edu): 4D, 5D  
AN, Donghwan (dha@snu.ac.kr):, 2F  
ANDERSSON, David Emanuel (davida@shanghaitech.edu.cn): 1F, 3A  
ANDERSSON, Martin Olof (martin.andersson@bth.se): 2B, 4E, AL, *WB*  
ARIK, Aida (aarik@hawaii.edu): 5A  
ASKARZADEH, Negin (negi@gwu.edu): 4E  
ASQUITH, Brian James (basquith@uci.edu): 2E, 3E  
AUDRETSCH, David B. (daudrets@indiana.edu): 2F

BACKMAN, Mikaela (Mikaela.Backman@ju.se): 5B  
BAE, Chang-Hee Christine (cbae@uw.edu): *WB*  
BAUMAN, Allison G. (allie.bauman@colostate.edu): 1A, *1A*, 3D  
BELT, Cameron (cbelt471@gmail.com): 4F  
BERNSTEIN, Paul (paulbernstein2004@yahoo.com): 5A  
BERRY, David (azbluhill@aol.com): 5A  
BETZ, Michael R. (betz.40@osu.edu): 1B, *1B*  
BOARNET, Marlon (boarnet@usc.edu): 1D, **2E**, 2E, 3E  
BONANNO, Alessandro (abonanno@colostate.edu): 3D  
BOSTIC, Raphael (bostic@usc.edu): 3E  
BRIDGE, Brandon (bbridge@unm.edu): 2D  
BROUWER, Aleid Elizabeth (a.e.brouwer@rug.nl): 2B, **3B**, 3B  
BROWN, Anna (brow9169@vandals.uidaho.edu): 4G  
BROWN, Mark (Mark.Brown@statcan.gc.ca ): 4D, *4D*, 5D, *WB*

CARRUTHERS, John (jic@gwu.edu ): 1D, 2E, **3E**, 3E, 4E, *WB*  
CASTELAZO, Alex (alex.castelazo@gmail.com): 5A  
CERIN, Ester: 2E  
CHAPMAN, Jeannette (jchapm13@gmu.edu):  
CHEN, Si: 2E  
CHEN, Yong (yong.chen@oregonstate.edu): *1A*, 2A  
CHEN, Zhangliang (zchen105@illinois.edu): 4D  
CHEN, Zhenhua (chen.7172@osu.edu): 1F, 2A, 3A  
CHIH, Yao-Yu (y\_c66@txstate.edu): 2G, 2G  
CHO, Deokho (chodh@daegu.ac.kr):, 4G  
CHO, Dongin (didi9535@buffalo.edu): 1A  
CHO, John (choj@scag.ca.gov): 2A, 3A, 4E  
CHOI, Hyobi (machoi9085@gmail.com): 2E  
CHOI, Simon (choi@scag.ca.gov): 2A  
CHOI, Yeol (yeolchoi@pusan.ac.kr): 2E, 3E  
CHUNG, Youngsook (annach@daegu.ac.kr):  
CHURCH, Rick (church@geog.ucsb.edu): 3G, 4B, *WB*  
CLEARY, Rebecca (rclarey@colostate.edu): 3D, 3D  
CLOWER, Terry L. (tclower@gmu.edu):, **2F**, 2F, *WB*  
COFFMAN, Makena (makenaka@hawaii.edu): 5A, 5A, *WB*  
CONROY, Tessa (tessa.conroy@wisc.edu): 1B, *1B*, 2B  
CONSTANTIN, Daniela Luminita (danielaconstantin\_2005@yahoo.com): 4E, 5E  
CONTRERAS, Sergio A. (scontre2@illinois.edu): 2B, 3B  
COOKE, Stephen C. (scooke@uidaho.edu): 4D, 5D  
CRAIG, Steven G. (sraig@uh.edu): 1E, 2E

DALL ERBA, Sandy (dallerba@illinois.edu): 4D, 5D, *WB*  
DALRYMPLE, Michael (Michael.Dalrymple@asu.edu): 5A  
DAR-BRODEUR, Afshan (afshan.dar-brodeur@canada.ca): 4D  
DAVENPORT IV, Frank M. (frank.davenport@gmail.com): 4B, 5B  
DELLER, Steven (scdeller@wisc.edu): 1B, *1B*  
DESJARDINS, Pierre-Marcel (pierre-marcel.desjardins@umoncton.ca): 2C, 2C  
DIMOU, Michel (dimou@univ-tln.fr): 1C, 2G, *WB*

EARL, Stevan (stevan.earl@asu.edu): 5A  
ERFANI, G. Rod: 3A  
ERFANIAN, Elham (elhamerfanian@mix.wvu.edu): 4A  
ERMAGUN, Alireza (ermag001@umn.edu): 1F, 3G  
ESPIRITU, Aileen (aileen.a.espiritu@uit.no): 4C  
FANG, Fang (fangfang1101@gmail.com): 4D  
FANG, Li (kfang@umd.edu): 2F, 4F  
FARHAT, Daniel (dfarhat@radford.edu): 3B  
FARRELL, Michael (lmf71645@hotmail.com):, 4G  
FERRERA NETO, Amir B. (amneto@mix.wvu.edu): 4A  
FISHER, Monica (monicaf@uidaho.edu): 2B, 3B  
FOLMER, Henk (h.folmer@rug.nl): 1A, 2A, *WB*  
FONDAHL, Gail (gail.fondahl@unbc.ca ): 5C  
FONSECA, Felipe (ffonseca82@gmail.com): 5D  
FRANKLIN, Rachel S. (rachel\_franklin@brown.edu): 5E, AL, *WB*  
FUKUMURA, Koichi (u958467k@ecs.osaka-u.ac.jp): 4B, 5B  
FULLERTON, Thomas M. (tomf@utep.edu): 4D  
FUNK, Chris (chris@geog.ucsb.edu): 4B

GARCIA-ALONSO, Lorena (lorena@uniovi.es): 4D  
GARDUNO-RIVERA, Rafael (rafael.garduno@cide.edu): 4D, 5D  
GE, Houtian (hug19@psu.edu): 3D  
GEISLER, Karl R. (geisler@nmsu.edu): 4F, 5B  
GETIS, Arthur (getis@mail.sdsu.edu): 1D, 3G, 3G, **GO**, *WB*  
GHADIMI, Hodjat (hodjat.ghadimi@mail.wvu.edu): 4A, 5A  
GIBSON, Lay James (ljgibson@ag.arizona.edu ): 1D, **OS**  
GIULIANO, Genevieve (giuliano@usc.edu): 1D, 1F, **4D**, 4D, *WB*  
GNAGEY, Matt (mattgnagey@weber.edu): 3E, 4E  
GOEMANS, Christopher (Chris.Goemans@colostate.edu): 1A  
GOETZ, Stephan J. (sjg16@psu.edu): 3D  
GORDON, Peter (peter.gordon@usc.edu): 4E, 4E  
GOTO, Daisaku (dgoto@hiroshima-u.ac.jp): 5D  
GOUGH, Barry (bgough@wlu.ca): 2C  
GRACE, Kathryn (katqgrace@gmail.com): 4B  
GRAYBILL, Jessica (jgraybill@colgate.edu ): 3C, **4C**, 5C  
GRIJALVA, Therese: 3E  
GRINEVICH, Vadim: 3B  
GUIHÉRY, Laurent: 2C

HAAG, Jamie (haag1098@pacificu.edu): 1E, 3F  
HAMMOND, George (ghammond@email.arizona.edu ): 2D  
HANS, Lianne (l.hans@rug.nl): 3B  
HARMON, Karter (kartharm@imail.iu.edu): 4F  
HARRIS, Thomas R. (harris@unr.edu): 4F, 4F  
HARTEN, Julia G. (jharten@usc.edu): 1E  
HAYNES, Kingsley (khaynes@gmu.edu): 1F, **3A**, 3A  
HEIKKILA, Eric J. (heikkila@usc.edu): 1E, 3F, *WB*

HEWINGS, Geoffrey J.D. (hewings@illinois.edu): 1E  
HICKMAN, Daniel C. (dhickman@uidaho.edu): 3F  
HILDEBRANDT, Haley (hild7919@vandals.uidaho.edu): 4F  
HIPPI, John R. (hippj@uci.edu): 3E  
HOANG, Edward C. (ehoang@uccs.edu): 1E  
HUSKEY, Lee (tlhuskey@alaska.edu ): 2C, 4C

IGESA, Benson (senelwaiges@gmail.com): 1C, 3F  
IRWIN, Nicholas (irwin.114@osu.edu): 2E, 3E

JABLONSKI, Becca B.R. (becca.jablonski@colostate.edu): 3D  
JACKSON, Randall (Randall.Jackson@mail.wvu.edu ): 4A, 5D, WB  
JAMES, Timothy (Timothy.James@asu.edu): 5A  
JENKINS, Darryl: 3A  
JEON, Woongchan (jeonwc0102@gmail.com): 4A  
JOHANSSON, Börje (jobo@ju.se): 4E  
JONES, Douglas (jones.1@osu.edu ): 4G

KANE, Kevin (ktkane@uci.edu): 3E  
KANG, Sanggyun (sanggyuk@usc.edu): 1F  
KANG, Wei (wkang12@asu.edu): 2G, 2G  
KASTURI, Prahlad (pkasturi@radford.edu): 2B, 3B  
KATO, Maki (kato.maki@r.hit-u.ac.jp): 5B  
KAY, David (davedkay@gmail.com): 5D  
KC, Binita (b.kc@neu.edu): 5A  
KELLISON, Bruce (bkellison@ic2.utexas.edu ): 2D  
KIM, Brian H.S. Hong Sok (briankim66@snu.ac.kr): 1A, 4A, 4A  
KIM, Danya (dkim233@wisc.edu): 4G, 4G  
KIM, Dohyung (dohyungkim@cpp.edu): 3G  
KIM, Euijune (euijune@snu.ac.kr): 1C, 4F, 5D, AL, WB  
KIM, Hyunsoo (hyunsoo.kim@utah.edu): 2E  
KIM, Jae Hong (jaehk6@uci.edu): 3E, 5E  
KIM, Kwansoo (kimk@snu.ac.kr): 4A, 5A  
KIM, ManYi (wvlove@snu.ac.kr): 2F  
KIM, So Soon (sohyoon.k@snu.ac.kr): 4A  
KIM, Tschangho John (tjohnkim@gmail.com): 1E, 3F  
KIM, Yonsu (kimy@scag.ca.gov): 2A  
KIM, Young-An (youngank@uci.edu): 3E  
KLAESSON, Johan (johan.klaesson@ju.se): 3B, 4B  
KOHLHASE, Janet E. (jkohlhase@uh.edu): 1E, 4B, 5B, AL, WB  
KOIFINAS, Gary (gpkofinas@alaska.edu): 3C, 5C  
KOPSCH, Fredrik (fredrik.kopsch@lantm.lth.se): 3E, 4D  
KOSAKA, Rosemary (rosemary.kosaka@noaa.gov): 4A  
KOSTER, Sierdjan (sierdjan.koster@rug.nl): 2B, 3B  
KOURTIT, Karima (k\_kourtit@hotmail.com): 1E, 1E  
KRIESEL, Warren (wkriesel@uga.edu): 4A, 4A  
KURES, Matt (matthew.kures@uwex.edu): 1B

LAFONTANT, Chantalle E. (clafonta@indiana.edu): 2F, 4F  
LAI, Poh-Chin: 2E  
LANE, Bradley W. (bwlane@ku.edu): 1F, 3A  
LARSON, Joan (jnl@unak.is): 4C, 5C  
LEE, Jaesong (lee-jaesong@hanmail.net): 2E  
LEI, Ting (lei@ku.edu): 4B  
LENHERT, Matthew (Matthew.Lehnert@rockets.utoledo.edu): 3F  
LESAGE, James P. (james.lesage@txstate.edu): 2G, GO

LEWIN, Paul A. (plewin@uidaho.edu): 2B, 4G, 4G  
LI, Yuheng (liyuheng@ignrr.ac.cn):, 2F, 5E  
LI, Zhengtao: 1A  
LIANG, Jing (Liang.Jing.2@asu.edu): 1A, 5A  
LIM, Jaewon (jaewon.lim@unlv.edu ), 4G  
LIM, Jungmin (jungminlim05@gmail.com): 1A, 2A  
LIU, Xiaodong (xiaodong.liu@colorado.edu): 3G  
LIU, Yansui (liuys@ignrr.ac.cn): 2F  
LLAMOSAS-ROSAS, Irving (illamosas@cucea.udg.mx): 4F, 5D  
LÖÖF, Hans (hans.loof@indek.kth.se): 5B, 5B  
LOPEZ, Juan Carlos G. (juancarlos.lopez@du.edu): 5E, 5E  
LOW, Chien Tat: 2E

MANSURY, Yuri (ymansury@iit.edu): 1F, 2F  
MARCOUILLER, David W. (dave.marcouiller@wisc.edu): 4G  
MILLER, Jon R. (jrmecon@uidaho.edu): 1E, 3F  
MILLER, Stephen (stephen.miller@unlv.edu): 2D  
MITCHELL, Jeffrey (jeffm@unm.edu ): 2D  
MONTAYEVA, Ainur (ainura@gwmail.gwu.edu): 4E  
MOON, Seung-Woon (moonswoon@snu.ac.kr): 1C, 5D  
MU, Jianhong (mujh1024@gmail.com): 2A  
MULLIGAN, Gordon (mulligan@email.arizona.edu ): 1D, 4A, 4A  
MURRAY, Alan (amurray@ucsb.edu ): 3G, AL, WB

NAGAMACHI, Kohei (kohei.nagamachi@gmail.com): 5B  
NAITO, Masa K. (masa.naito@econ.niigata-u.ac.jp): 1C, 5A  
NEWBOLD, Bruce (Newbold@mcmaster.ca ): 4B, AL, WB  
NEWMAN, Dwight (dwight.newman@usask.ca): 2C, 2C  
NIBLETT, Timothy J. (tniblett@geog.ucsb.edu): 3G  
NIEDOMYSL, Thomas (thomas.niedomysl@keg.lu.se): 4E  
NIJKAMP, Peter (pnijkamp@hotmail.com): 1E, 1E  
NILSSON, Isabelle (inilssol@uncc.edu): 2G, 3F, 4F

OHARA, Jeffrey K. (jeffreyk.ohara@ams.usda.gov): 3D  
OKIYAMA, Mitsuru (okiyama.m@gmail.com): 3F  
ÖNER, Özge (ozge.oner@ju.se): 2B, 3B, 4B  
ONO, Masumi (onomasumi5@yahoo.com): 4G  
ØSTBYE, Stein (stein.ostbye@uit.no): WB

PAN, Qisheng (pan\_qs@tsu.edu):, 4E  
PARCELLS, R. Pete (parcells@whitman.edu): 1C, 2D, WB  
PARK, Jiyoung (jp292@buffalo.edu): 1A  
PARTRIDGE, Mark (partridge.27@osu.edu): 1B, 1B, 1B  
PETROV, Andrey (andrey.petrov@uni.edu ): 3C, 5C  
PIPER, Steven L. (stev43210@yahoo.com): 1A, 2A  
PLANE, David A. (plane@email.arizona.edu ): 1D, 4B, 5E, 5E, WB  
PRITCHETT, James (James.Pritchett@ColoState.edu): 1A  
PROTASEL, Greg (giprotasel@alaska.edu): 2C  
PRUCHA, Ingmar R. (prucha@econ.umd.edu): 2G, 3G

QIU, Yueming (yuemingq@gmail.com): 4A, 5A

RASMUSSEN, Rasmus Ole (rasmus.ole.rasmussen@nordregio.se ): 4C  
REID, Neil (neil.reid@utoledo.edu): 3F, 3F  
REY, Serge (srey@asu.edu ): 1D, 2G, 2G, 2G, AL, GO  
RICKMAN, Dan S. (dan.rickman@okstate.edu): 1C, 1D, 5B

RODNYANSKY, Seva (rodnyans@usc.edu): 3E  
ROSE, Adam (adam.rose@usc.edu): 2A, 2A  
RUDELL, Benjamin (Benjamin.Ruddell@nau.edu): 5A  
RUTH, Matthias (m.ruth@neu.edu ): 5A, 5A, 5A, WB

SAENZ ROJO, Laura M. (lmsaenz4@miners.utep.edu): 4D  
SANTIAGO-BARTOLOMEI, Raul (raulsant@usc.edu): 3E  
SATO, Yasuhiro (ysato@e.u-tokyo.ac.jp):, 5B  
SAXINGER, Gertrude (gertrude.saxinger@univie.ac.at ): 4C  
SCHAFFAR, Alexandra (schaffar@univ-tln.fr): 1C, 2G  
SCHWEITZER, Peter (peter.schweitzer@univie.ac.at): 3C, 4C, 5C, 5C  
SEO, Jung (seo@scag.ca.gov): 2A  
SFEIR, Raymond (sfeir@chapman.edu): 2D  
SHIDELER, Dave (dave.shideler@okstate.edu): 3D, 3D  
SHIN, Eun-Jin (eunjinsh@usc.edu): 1F  
SHUKLA, Shradhanand (shrad@geog.ucsb.edu): 4B  
SHYR, Oliver F. (ofshyr@mail.ncku.edu.tw): 1F  
SKIDMORE, Mark (mskidmor@anr.msu.edu): 2A  
SLAPER, Tim (tslaper@indiana.edu): 2F, 3F, 4F  
SMIRNOV, Oleg (oleg.smirnov@utoledo.edu): 2G  
SON, Minsu (msson@snu.ac.kr): 1A, 2A  
SOUTHCOTT, Chris (chris.southcott@lakeheadu.ca): 3C, 5C  
STENBERG, Peter L. (stenberg@ers.usda.gov): 1F, 2F  
STIMSON, Robert (rstimson@unimelb.edu.au): 2E, 3F  
STOUGH, Roger (rstough@gmu.edu ): 1F, 1F, 3A  
SUN, Yinyao (sunxinayo@mail.tsinghua.edu.cn): 3A  
SUZUKI, Soushi (soushi-s@lst.hokkai-s-u.ac.jp): 1E

TAYLOR, Andrew (Andrew.Taylor@cdu.edu.au): 2C, 2C  
TAYLOR, R. G. (gtaylor@uidaho.edu): 5D  
TENNERT, Juliette (juliette.tennert@utah.edu): 2D  
THILMANY MCFADDEN, Dawn (dawn.thilmany@colostate.edu): 3D, 3D, 3D  
TOKUNAGA, Suminori (tokunaga@reitaku-u.ac.jp): 1C, 2F, 3F  
TOMA, Masaaki (nge017tm@student.econ.osaka-u.ac.jp):, 1C  
TONG, Daoqin (daoqin@email.arizona.edu): 3G, 4B, AL, WB  
TSVETKOVA, Alexandra (tsvetkova.1@osu.edu): 1B  
TWEEDLE, Jesse (jesse.tweedle@gmail.com): 4D

VASIGH, Bijan (vasighb@erau.edu): 3A, 5A  
VERSEL, David (dversel@yahoo.com):  
VIERCK, Steve (SVierck@edcl.org): OS  
VIKLUND ROS, Ingrid (ingrid.ros@indek.kth.se): 4D, 5B  
VLASOVA, Tatiana: 5C  
VU, Thu Ha (hathu.bsc@gmail.com): 4F, 5D

WALKE, Adam (agwalke@utep.edu): 4D, 5D  
WALLMO, Kristy (kristy.wallmo@noaa.gov): 1A, 4A  
WANG, Hongbo (hongbo.wang@okstate.edu): 1C  
WATSON, Philip (pwatson@uidaho.edu): 4F, 4G, 5D, 5D  
WEE, Sherilyn (swee@hawaii.edu): 5A  
WEI, Dan (danwei@usc.edu): 2A  
WEILER, Stephan (stephan.weiler@colostate.edu): 1B, 2B, 3B  
WEN, Frank (wen@scag.ca.gov): 2A  
WERNBERG, Joakim (joakim.wernberg@circle.lu.se): 4E, 5E  
WESTLUND, Hans (hans.westlund@abe.kth.se): 2F, 4E, 5E  
WILHELMSSON, Mats (mats.wilhelmsson@abe.kth.se): 2E, 3E

WOBBEKIND, Richard (Richard.Wobbekind@colorado.edu): 2D, **2D**  
WONG, Paulina: 2E

XUE, Jianhong: 1A

YAMAMOTO, Kazuhiro (yamamoto@econ.osaka-u.ac.jp): 5B

YEO, Changwhan (ych3720@daegu.ac.kr):

YI, Yoojin (exuberantly@naver.com): 1C, 5D

YU, Meng (my398@cornell.edu): 1F

YU, Yongda (yuyd@mail.tsinghua.edu.cn): 3A

YUAN, Quan (quanyuan@usc.edu): 1F

ZHU, Pengyu (pengyuzhu2002@yahoo.com): 3G, 4B