

Sandy DALL'ERBA

(updated: 02/06/17)

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POSITION

2016-Onwards Director, Regional Economics Applications Laboratory (REAL), UIUC, <http://www.real.illinois.edu>

2015- Onwards Associate Professor (with tenure), Dept. of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign

2015- 2016 Associate Director, REAL

2015- Onwards Associate Professor, Department of Urban and Regional Planning, UIUC (courtesy appointment).

2012- 2015 Co-founder and Director, Regional Economics And Spatial Modeling laboratory (REASM), University of Arizona, <http://reasm.arizona.edu>

2011- 2015 Associate Professor (with tenure), School of Geography and Development, University of Arizona.

2014- 2015 Associate Professor, Agricultural and Resource Economics, University of Arizona (courtesy appointment).

2006- 2011 Assistant Professor, School of Geography and Development, University of Arizona.

2007- 2015 Core Faculty member, Graduate Interdisciplinary Program (GIDP) in Statistics, University of Arizona.

2010- 2015 Assistant Professor (2010-2011) then Associate Professor, Department of Economics, University of Arizona (courtesy appointment).

2011- 2015 Faculty member, Institute of the Environment, University of Arizona (courtesy appointment).

2005- 2015 Affiliate Research Professor, Regional Economics Applications Laboratory (REAL), University of Illinois at Urbana-Champaign, IL (honorary appointment).

2006- 2011	Founder and Chair, European Study Group, University of Arizona, Tucson, USA (courtesy appointment).
2005-2006	Postdoctoral Visiting-Scholar at the Department of Spatial Economics, Free University of Amsterdam, the Netherlands.
2004-2005	Postdoctoral Visiting-Scholar at REAL, University of Illinois at Urbana-Champaign.
2003-2004	Research Assistant, Teacher Assistant, University of Pau
2001-2003	Visiting-Scholar at REAL, University of Illinois at Urbana-Champaign.
2000-2001	Teacher Assistant, University of Pau

EDUCATION

2004	PhD thesis (with distinction) in Economics, University of Pau, France. Research Directors: Jacques Le Cacheux (Univ. Pau) and Geoffrey J.D. Hewings (Univ. Illinois). Title: <i>European Regional Development Policies in the Light of Recent Regional Science Tools</i> .
2000	MSc International Economics (with distinction), University of Pau, France.

TEACHING EXPERIENCE

At the University of Illinois, Urbana-Champaign (2015-on)

- ACE 592 : Spatial Econometrics. (Students evaluation: 4.5/5 in 2016)
- ACE 499: Economic and Environmental Input-Output
- ACE 594 REA: Regional Economics Applications Laboratory seminars

At the University of Arizona (2006-2015)

- Mathematics/Statistics 571A - Advanced Statistical Regression Analysis.
- Economics/Statistics/Geography/Planning 579 - Spatial Statistics and Spatial Econometrics.
- Geography 699 – Regional Science colloquium series.
- Geography 463/563: Regional and Interregional Input-Output Analysis
- Geography/Planning 454 - Regional Analysis.
- Geography/Planning 453 - Locational Analysis.
- Geographic Information System Technologies 601 - Introduction to Geographic Information Systems and Technology.
- Geography 496F/596F - European Study Group Interdisciplinary seminars.

Consistently rated by students as excellent (4.1 at the undergrad level, 4.3 at the grad level)

BOARD MEMBERSHIP, HONORS AND PRIZES

- 2017-on** Advisory Board member, *Perceive Project* of the European Commission
- 2015-on** Board member, *Regional Science Academy*.
- 2015-on** Editorial board member, *The Annals of Regional Science*.
- 2014-on** Editorial board member, *Regional Studies*, *Regional Science*.
- 2013-2016** Board member of the North American Regional Science Council.
- 2013-On** Editorial board member, *Letters in Spatial and Resource Sciences*
- 2012-On** Board member of the Western Regional Science Association.
- 2012-On** Editorial board member, *The Review of Regional Studies*.
- 2009** Best Paper Award granted by the Regional Studies Association (the UK) for the article entitled “The European Regional Growth Process Revisited, *Spatial Economic Analysis*, 3(1), 7-25” (written in collaboration with M. Percoco and G. Piras)
- 2008** Nominated “Favorite Professor” twice in the College of Social & Behavioral Science, University of Arizona.
- 2006** Nominated “Favorite Professor” in the College of Social & Behavioral Science, University of Arizona.
- 2005** Epainos Prize (2nd place) for the paper entitled : “*Spatial and Sectoral Productivity Convergence between European Regions, 1975-2000*” (45th Congress of the European Regional Science Association, Amsterdam, The Netherlands, Aug. 23-27, 2005). Paper written in collaboration with J. Le Gallo.
- 2004** Charles Tiebout Prize in Regional Science (1st place) for the paper entitled “*Productivity Convergence and Spatial Dependence Among Spanish Regions*” (43rd Annual Meeting of the Western Regional Science Association, Maui, Hawaii, USA, Feb. 26-28, 2004).
- 2003** Charles Tiebout Prize in Regional Science (3rd place) for the paper entitled “*Distribution of Regional Income and Regional Funds in Europe 1989-1999: an Exploratory Spatial Data Analysis*” (42nd Annual Meeting of the Western

Regional Science Association, Rio Rico Resort, Arizona, USA, Feb. 26-March 1, 2003).

ACADEMIC PUBLICATIONS

- Peer-reviewed journal articles :

35. Lim J. and **Dall'erba S.** (2017) A Multi-Regional Input-Output Analysis of the Impact of Federally-Funded Investments in Science, Research and Technology in Arizona, *Regional Science Policy and Practice*, forthcoming.
34. **Dall'erba S.** and Fang F. (2017) Meta-Analysis of the Impact of European Union Structural Funds on Regional Growth, *Regional Studies*, forthcoming.
33. Kang D. and **Dall'erba S.** (2016) An Examination of the Role of Local and Distant Knowledge Spillovers on the US Regional Knowledge Creation, *International Regional Science Review*, 39, 4, 355-385.
32. Bae J. and **Dall'erba S.** (2016) The Economic Impact of a New Solar Power Plant in Arizona: Comparing the Input-Output Results generated by JEDI vs. IMPLAN, *Regional Science Policy and Practice*, 8, 1-2, 61-73.
31. Kang D. and **Dall'erba S.** (2016) Exploring the spatially varying innovation capacity of the US counties in the framework of Griliches' knowledge production function: a Mixed GWR approach, *Journal of Geographical Systems*, 18, 125-157.
30. **Dall'erba S.** and Dominguez F. (2015) The Impact of Climate Change on Agriculture in the South-West United States: the Ricardian Approach Revisited, *Spatial Economic Analysis*, 10, 4, 1-19.
29. Halper E., **Dall'erba S.**, Bark R., Scott C., Yool S. (2015) Effects of Irrigated Parks on Outdoor Residential Water Use in a Semi-Arid City, *Landscape and Urban Planning*, 134, 210-220.
28. Kim T. and **Dall'erba S.** (2014) Spatio-temporal Association of Fossil Fuel CO₂ Emissions from Crop Production Across US Counties, *Agriculture, Ecosystems & Environment*, 183(15), 69-77.
27. Guo D., **Dall'erba S.**, Le Gallo J. (2013) The Leading Role of Manufacturing in China's Regional Economic Growth: a Spatial Econometric Approach of Kaldor's Laws, *International Regional Science Review*, 36(2), 139-166.
26. Rodriguez Gamez L., **Dallerba S.** (2012) Spatial Distribution of Employment in Hermosillo, 1999-2004, *Urban Studies*, 49(16), 3663-3678.
25. Le Gallo J., **Dall'erba S.**, Guillain R. (2011) The Local vs. Global Dilemma of the Effects of Structural Funds, *Growth and Change*, 42(4), 466-490.

24. **Dall'erba S.**, Bitter C. (2010) Using a Spatial Endogenous Method to Detect Housing Submarkets: an Application to Tucson, *Journal of Academic Researches and Studies*, 2(3), 1-15.
23. **Dall'erba S.**, Guillain R., Le Gallo J. (2010), Un regard Nouveau sur les Politiques de Développement Régional en Europe (A New Look at Regional Development Policies in Europe), *Canadian Journal of Regional Science*, 32(3), 539-555.
22. Celebioglu F., **Dall'erba S.** (2010), Spatial Disparities across the Regions of Turkey: an Exploratory Spatial Data Analysis, *The Annals of Regional Science*, 45(2), 379-400.
21. Bouvet F., **Dall'erba S.** (2010), European Regional Structural Funds: How Large is the Influence of Politics on the Allocation Process?, *Journal of Common Market Studies*, 48(3), 501-528.
20. Scott C., **Dall'erba S.**, Diaz R. (2010), Groundwater Rights in Mexican Agriculture: Spatial Distribution and Social and Economic Determinants, *Professional Geographer*, 62(1), 1-15.
19. **Dall'erba S.**, Guillain R., Le Gallo J. (2009), Impact of Structural Funds on Regional Growth: How to Reconsider a 9 Year-old Black Box, *Région et Développement*, 30, 77-99.
18. **Dall'erba S.**, Guo D. (2009), Structure of Interregional Migration Flows in Spain: 1998-2006, *Ensayos Sobre Política Económica*, 27(58), 264-276.
17. **Dall'erba S.**, Percoco M. and Piras G. (2009), Service Industry and Cumulative Growth in the Regions of Europe, *Entrepreneurship and Regional Development*, 21(4), 333-349.
16. Tong D., **Dall'erba S.** (2009), Spatial Disparities in the Chinese ICT sector: a Regional Analysis, *Région et Développement*, 28, 111-129.
15. Le Gallo J. and **Dall'erba S.** (2008), Spatial and Sectoral Productivity Convergence between European Regions, 1975-2000, *Papers in Regional Science*, 87(4), 505-525.
14. **Dall'erba S.**, Percoco M. and Piras G. (2008), The European Regional Growth Process Revisited, *Spatial Economic Analysis*, 3(1), 7-25.
13. **Dall'erba S.** and Le Gallo J. (2008), Regional Convergence and the Impact of European Structural Funds over 1989-1999: a Spatial Econometric Analysis, *Papers in Regional Science*, 87(2), 219-244.
12. Le Gallo J., **Dall'erba S.** and Guillain R. (2008), Fonds Structurels, Effets de Débordement Géographique et Croissance Régionale en Europe (Structural Funds, Spatial Spillover Effects and Regional Growth in Europe), *Revue de l'OFCE*, 104, 241-270.

11. **Dall'erba S.** and Le Gallo J. (2007), Cohesion policy, the Convergence Process and Employment in the European Union, *Czech Journal of Economics and Finance*, 57(7), 324-340.
10. Bitter C., Mulligan G. and **Dall'erba S.** (2007), Incorporating Spatial Variation in Housing Attribute Prices: A Comparison of Geographically Weighted Regression and the Spatial Expansion Method, *Journal of Geographical Systems*, 9(1), 7-27.
9. Le Gallo J. and **Dall'erba S.** (2006), Evaluating the Temporal and Spatial Heterogeneity of the European Convergence Process, 1980-1999, *Journal of Regional Science*, 46(2), 269-288.
8. **Dall'erba S.**, Kamarianakis Y., Le Gallo J. and Plotnikova M. (2005), Regional Productivity Differentials in Three New Member Countries. What Can We Learn From the 1986 Enlargement to the South?, *Review of Regional Studies*, 35(1), 97-116.
7. **Dall'erba S.** (2005), Productivity Convergence and Spatial Dependence Among Spanish Regions, *Journal of Geographical Systems*, 7(2), 207-227.
6. Le Gallo J., Baumont C., **Dall'erba S.** and Ertur C. (2005), On the Property of Diffusion in the Spatial Error Model, *Applied Economics Letters*, 12(9), 533-536.
5. **Dall'erba S.** and Le Gallo J. (2005), Dynamique du Processus de Convergence Régionale en Europe (Dynamics of the Regional Convergence Process in Europe), *Région et Développement*, 21, 119-140.
4. **Dall'erba S.** (2005), Distribution of Regional Income and Regional Funds in Europe 1989-1999: an Exploratory Spatial Data Analysis, *The Annals of Regional Science*, 39(1), 121-148.
3. **Dall'erba S.** (2004), Competition, Complementarity and Increasing Disparities Among the Regions of Spain and Portugal, *Revue d'Economie Régionale et Urbaine*, 2, 311-330.
2. Le Gallo J., **Dall'erba S.**, Kamarianakis Y. and Plotnikova M. (2003), Les Différentiels de Productivité Régionale dans les Pays en Transition par Rapport à l'Union Européenne: le cas de la Pologne, de la Hongrie et de la République Tchèque (Differentials of Regional Productivity in Transition Countries Compared to the European Union : the Cases of Poland, Hungary and the Czech Republic), *Région et Développement*, 18, 111-129.
1. **Dall'erba S.** and Percoco M. (2003), North-South Disparities, Complementarity and Competition Within Italy, *Scienze Regionali- Italian Journal of Regional Science*, 2, 29-49.

- **Books :**

1. Páez A., Le Gallo J., Buliung R., **Dall'erba S.** (Eds.) (2010), *Progress in Spatial Analysis: Methods and Applications*, Berlin: Springer-Verlag, pp. 492.

- **Peer-reviewed contributions to edited volumes :**

7. **Dall'erba S.**, Kang D., Fang F., (2017) On deriving reduced-form spatial econometric models from theory and their W s from observed flows: example based on the regional

knowledge production function, *Regional Research Frontiers*, Jackson R. and Schaeffer P. (Eds.), Advanced Spatial Science series, Springer, forthcoming.

6. **Dall'erba S.** and Llamosas-Rosas I. (2015), The Impact of Private, Public and Human Capital on the US States Economies: Theory, Extensions and Evidence, in: Karlsson C., Andersson M., Norman T. (Eds.), *Handbook of Research Methods and Applications in Economic Geography*, Edward Elgar, 436-467.

5. **Dall'erba S.** and Llamosas-Rosas I. (2014), Spatial Policy for Growth and Equity, In Fischer MM, Nijkamp P (Eds) *Handbook of Regional Science*, Springer Heidelberg New York Dordrecht London, 353-371.

4. **Dall'erba S.** and Hewings G.J.D. (2009), European Regional Development Policies: The Trade-off between Efficiency-Equity Revisited, *Connections*, 5, 73-84.

3. **Dall'erba S.** (2009), Methods: Exploratory Spatial Data Analysis, in: Kitchin R. and Thrift N. (Eds.), *International Encyclopedia of Human Geography*, volume 3, 683-690, Oxford: Elsevier, UK.

2. Percoco M., **Dall'erba S.** and Hewings G.J.D. (2007), Structural Convergence of the National Economies of Europe, in: Van Geenhuizen M., Reggiani A. and Rietveld P. (Eds.), *Policy Analysis of Transport Networks*, 286-307, Ashgate, Aldershot, UK.

1. Le Gallo J. and **Dall'erba S.** (2006), Convergence Spatiale et Sectorielle de la Productivité du Travail en Europe (Spatial and Sectoral Convergence of Labor Productivity in Europe), in: Capron H. (Ed.), *Politique Régionale Européenne, Convergence et Dynamique d'Innovation*, De Boeck Université, 107-133.

- **Special issues / Editorials :**

4. **Dall'erba S.**, Lim J., Tong D., Plane D. (2011), New Perspectives on Regional Development, *Région et Développement*, 33.

3. Páez A., Le Gallo J., Buliung R., **Dall'erba S.** (2010), Progress in Spatial Analysis: Introduction, in Páez A., Le Gallo J., Buliung R., Dall'erba S. (Eds.), *Progress in Spatial Analysis: Methods and Applications*, 1-13, Berlin: Springer-Verlag.

2. **Dall'erba S.** (2009), Intercultural Dialogue, *Connections*, 5, 3.

1. Le Gallo J. and **Dall'erba S.** (2005), Croissance, Convergence et Interactions Régionales : les Outils Récents de l'Analyse Spatiale Quantitative (Growth, Convergence and Regional Interactions : the Recent Tools of Quantitative Spatial Analysis), *Région et Développement*, 21, 5-12.

- **Book reviews :**

3. *European Cohesion Policy* by Molle W. (2008), *Journal of Economic Geography*, 8(4), 587-588.

2. *The Changing Economic Geography of Globalization* by Vertova G. (2007), *Journal of Regional Science*, 47(3), 638-639.

1. *Spatial Econometrics* by Arbia G. (2007), *Papers in Regional Science*, 86(3), 521-522.

- **Newsletter :**

4. Chen Z. and **Dall'erba S.** (2016) Why will the coming years see more interest for interstate food supply linkages? *Policy Matters Newsletter*, Dept. of Agricultural and Consumer Economics, UIUC.

3. **Dall'erba S.** and Dominguez F. (2016) Climate change will affect farmers' bottom line, University of Illinois College of Agricultural, Consumer and Environmental Sciences (ACES). ScienceDaily. ScienceDaily, 7 June 2016.

<www.sciencedaily.com/releases/2016/06/160607113114.htm>.

2. **Dall'erba S.** and Dominguez F. (2015) New Research Directions on the Economic Impact of Climate Change on US Agriculture, *Policy Matters Newsletter*, Dept. of Agricultural and Consumer Economics, UIUC.

1. **Dall'erba S.** (2015) The Economic Impact of Climate Change on US Agriculture – How Can the On-Going Debate Benefit from Regional Science?, *NARSC newsletter*, 3,1.

AWARDED GRANTS, SCHOLARSHIPS AND CONTRACTS

- 2017: An Application of the Land Use Evolution and Impact Assessment Model (LEAM) to the Sangamon County Region in Illinois, Springfield - Sangamon County Regional Planning Commission (with B. Deal), co-PI, \$ 35,000.
- 2017: Economic Impact of the Blue Waters Supercomputer, Office of the Vice Chancellor for Research, UIUC, PI, \$ 16,752.
- 2015-2018: Towards a Better Treatment of Spatial and Sectoral Spillovers in Quantifying the Economic Impact of Climate Change, USDA NIFA Hatch grant 1006816, PI, \$ 72,000 (CFOP: 600116-470056-470386).
- 2015-2018: The Economic Impact of Climate Change on US Agriculture - Towards More Comprehensive Estimations, USDA NIFA 2015-67023-23677, Environmental and Natural Resource Economics (with F. Dominguez and G. Frisvold), PI, \$ 298,159 (CFOP : 482093-470056-191100).
- 2014: The Impact of Reducing Arizona's Agricultural Exports on Water Use, Energy Use and Employment, Renewable Energy Network, Water, Environmental and Energy Solutions (WEES) Initiatives, University of Arizona (with H. Gupta), PI, \$ 14,999.
- 2014-2017: Atmospheric Rivers and Changing Flood Risk in the Pacific Coast Region of the Western United States, NASA NSPIRES NNX14AD77G, (with D. Lettenmaier, F. Dominguez, B. Nijseen and M. Ralph), co-PI, \$1,414,123 (CFOP: 481992-470056-191100).
- 2013-2014: An Input-Output Analysis of the Economic Impacts of Solar Power Facilities in AZ, Renewable Energy Network, Water, Environmental and Energy Solutions (WEES) Initiatives, PI, \$ 14,986.

- 2012-2015: National Science Foundation, Science of Science & Innovation Policy, Award number: SMA-1158172, “Investing in Science, Research and Technology: Where is the Biggest Bang for the Buck?” (with J. Lim), PI, \$328,652.
- 2011-2012: Water, Environmental and Energy Solutions (WEES) Initiatives - Technology and Research Initiative Fund, “The Impact of Climate Change on Arizona’s Agriculture: the Ricardian Approach Revisited” (with F. Dominguez and Y. Serra), co-PI, \$ 39,999.
- 2011-2012: Faculty Exploratory Research Grants from the Institute of the Environment, “The Impact of Climate Change on Farm Production Across the US”, (with F. Dominguez and Y. Serra), co-PI, \$ 9,998.
- Spring 2011: Udall Center fellowship (2 course buyout), University of Arizona.
- 2010 – 2014: National Science Foundation, Geography and Spatial Sciences Program; Award number: BCS-1032170; “Regional Economic Development, Public Expenditures and Spillover Effects: Guidance for ARRA and Future Regional Policies”, PI, \$159,998.
- 2008: Grant Jean Monnet Program (European Module) from the European Commission to develop EU-related activities at the University of Arizona. PI, \$ 10,437.
- 2008: Foreign travel grant, Office of International Affairs, University of Arizona. Grant for the 5th Annual Meeting of the European Union Regional Economics Applications Laboratory, Istanbul. PI, \$ 1,500.
- 2008: Summer Research Grant Development Award, Social and Behavioral Sciences Research Institute, University of Arizona. “New perspectives on U.S. regional development policies”, PI, \$ 4,996.
- 2007: Small grant, Social and Behavioral Sciences Research Institute, University of Arizona. “Coverage optimization of emergency facilities location in Tucson, AZ” (with D. Tong), co-PI, \$ 1,800.
- 2006: Foreign travel grant, Office of International Affairs, University of Arizona. Grant for the 53rd Annual North American Meetings of the Regional Science Association International, Toronto.
- 2005-2006: Marie Curie scholarship from the European Commission.
- 2005: ATIP-Young Researchers. Project assessing regional convergence and devolution within an enlarged Europe. Project under the supervision of Rachel Guillain (Univ. of Burgundy).
- 2004-2005: Scholarship from the French Ministry of Foreign Affairs.

- 2004: European Commission (FEMISE). Project analyzing the barriers to integration and trade between Mediterranean countries and EU members. Project under the supervision of Antoine Bouët (Univ. Pau).
- 2003: Regional Council of Aquitaine (France). Project assessing the impact of regional development policies in Aquitaine. Project under the supervision of Jacques Le Cacheux (Univ. Pau).
- 2001-2003: Scholarship from the Georges Lurcy Association and the French Ministry of Research and Education.
- 2000-2003: Scholarship from the Aquitaine region.
- 1997-1998: Erasmus travel grant (one year stay in Aachen, Germany).

PUBLIC OUTREACH - WEBGIS

USAdapt (2012): An important aspect of academic research is to be able to transmit complicated material to an audience of both specialists and non-specialists. USAdapt is born from this idea. It is a webGIS tool for the analysis of climate change and of its impact on farmland value across US counties. It allows the users to visualize a set of socio-economic data, soil characteristics and climate variables. Users can visualize how projected climate conditions or how a simulated future scenario of their choice impact future farmland values. Calibration and forecasting is based on a spatial econometric model. USAdapt has been developed by Dall'erba S., Harihar S., Zhang Y. and Dominguez F. is accessible here: <http://webgis.arizona.edu/USAdapt/>

H-INDEX AND CITATIONS (AS OF FEB. 2017)

H-index: 10 (*ISI Web of Knowledge*); 19 (*Google Scholar*)

Social Science Citation Index: 221 citations (*RePEC- IDEAS – Articles in Economics*); 334 citations (*ISI Web of Knowledge*); 1,519 (*Google Scholar*)

SERVICES

University of Illinois

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|----------------|---|
| 2017 | North Central Regional Center for Rural Development, University of Michigan, grant proposal reviewer. |
| 2016 | Graduate student professional development class (ATMS 571), lecturer |
| 2016-on | Graduate Admission and Recruiting Committee, member |

- 2016** Campus Research Board, reviewer
- 2016** Initial Program Planning Committee, member
- 2016** ACE Dept. Head search Committee, member
- 2016** Reviewer for the Strategic Research Initiative Program, College of Applied and Fine Art.
- 2015-** ACE Second Year Paper, Reviewer
- 2015-** Director of the Regional Economics Applications Laboratory
- 2015-** REAL Discussion Papers Series, Editor
- 2015** NARSC nominations committee, member
- 2015** Charles Tiebout review committee, member
- 2015** Fulbright interview committee, member.

University of Arizona

- 2014-2015** Development and scholarship committee, member.
- 2013-2014** NARSC nominations committee
- 2012-2015** Regional Economics And Spatial Modeling laboratory (REASM), Co-founder and Director. <http://reasm.arizona.edu/>
- 2013** Udall Center fellowship, selection committee member.
- 2011-2015** Office of Global Initiatives College Advisory Committee, member.
- 2011- 2014** SGD graduate student committee, member.
- 2010- 2012** SGD colloquium committee, member.
- 2010- 2013** GIDP in Statistics, PhD qualifying exam committee, member.
- 2009- 2010** SGD website action group, member.
- 2009** SGD technology committee, member.
- 2008- 2010** Advisor of the Real Estate Club of the University of Arizona
- 2008** Organizer of the Fifth Annual Conference of the Rocky Mountain European Scholars Consortium, October 10-11.

2007- 2011	Western Regional Science Association, conference program committee.
2007- 2011	GIS Certificate, faculty member and advisor of several students.
2007- 2012	Coordinator of an exchange program between the UofA and the University of Gaziantep, Turkey.
2006- 2011	European Study Group, Chair.
2006- 2011	SGD undergraduate student committee, member.
2006- 2011	Coordinator of an exchange program between the UofA, two other US universities and four European universities (Good Governance Consortium: http://ggc.wu-wien.ac.at/).

SUPERVISION OF STUDENTS / VISITING SCHOLARS AND DEFENSE COMMITTEES

University of Illinois

- **Graduate students and Research Assistants**

Fall 2016-on: Kun Peng, PhD-student in Agricultural & Consumer Economics (funded by ACE)

Fall 2016-on: Xinyue He, PhD-student in Agricultural & Consumer Economics (funded by ACE)

Fall 2016-on: Karelys Guzman, PhD-student in Agricultural & Consumer Economics (funded by the Central Bank of Colombia)

Summer 2015-Summer 2016: Andre Fernandez Tomon Avelino, PhD-student in Agricultural & Consumer Economics (funded by NASA).

Fall 2015-on: Zhangliang Chen, PhD-student in Agricultural & Consumer Economics (funded by USDA).

Spring 2016-on: Chang Cai, PhD-student in Agricultural & Consumer Economics (funded by USDA).

- **Visiting-Scholars**

Spring 2016: Na Jiang, Associate Professor, Center for Agricultural Water Research, China Agricultural University.

2016: Renata Caldas, Ph.D Candidate - Department of Economics, Federal University of Pernambuco, Brazil

Fall 2016: Alfredo Cartone, Ph.D. Student Economics, University “Gabriele d’Annunzio” of Chieti-Pescara, Italy

Fall 2016: Carlos Alberto Gonçalves Junior, Ph.D. Candidate - Department of Economics, University of São Paulo, Brazil

Fall 2016-Spring 2017: Frederick Alves, Ph.D Candidate - Department of Economics, Federal University of Viçosa, Brazil

Fall 2016-Spring 2017: Kaifu Zheng, MSc Student – Dept. of Economics, UIUC.

Fall 2016: Thiago Oliveira Nascimento, MSc Candidate - Department of Economics, University of São Paulo, Brazil

- **PhD Defense Committee Member (other than my own students)**

2016: Renata Caldas, Dept. of Economics, Univ. of Pernambuco (Brazil)

2016: Xian Bak, ACE, UIUC

- **MA Defense Committee Member (other than my own students)**

2016: Wojciech Szewerniak, ACE

- **Graduate Students in Independent Studies (other than above)**

2016: Sergio Contreras, PhD-student in Dept. of Urban and Regional Planning (funded by the government of Chile).

- **Undergraduate student**

2016: Elizabeth Nwokobia, Honors student, ACE

University of Arizona

- **Graduated Students**

2016: Fang Fang, GIDP in Statistics, Univ. of Arizona

2015: Dongwoo Kang, PhD in Geography (funded by NSF). Now Researcher at Korea's Labor Institute, Sejong, South Korea.

2014: Irving Llamosas-Rosas, PhD in Economics (funded by NSF grants). Now Assistant Professor in Finance at the University of Guadalajara, Mexico.

2012: Liz Ilena Rodriguez Gamez, PhD in Geography (funded by Conacyt Grant). Now Researcher at the Collegio de Sonora, Hermosillo, Mexico.

- **Graduate students and Research Assistants**

2014-2015: Jose Antonio Cabrera, PhD-student in Regional Development (funded by Conacyt, Government of Mexico).

2013-2015: Yinan Zhang, PhD-student in Regional Development (funded by NASA grant and NSF grant).

2013-2015: Bokjin Roh, PhD-student in Regional Development (funded by NASA grant).

2013- 2014: Miao Zhang, PhD-student in the Statistics GIDP.

2012- 2016: Fang Fang, PhD-student in the Statistics GIDP (funded by NSF grant).

2012- 2016: Jinwon Bae, PhD-student in Regional Development (funded by WEES grant, WEES grant, NSF grant).

2012: Yinan Zhang, Smaran Harihar, students in the Masters in GIS and Technology.

2011- 2012: Soudeh Merghasemi, RA, PhD-student in Economics (funded by WEES grant).

2012: Smaran Harihar, Yinan Zhang, students in the Masters in GIS and Technology

2011-2015: Dongwoo Kang, RA, PhD-student in Regional Development (funded by 2011 WEES grant and NSF SMA-1158172).

2011-2014: Irving Llamosas, RA, PhD-student in Economics (funded by NSF BCS 1032170 and NSF SMA-1158172).

2011: Fred Neasham, Melissa Janezic, Ken Morris, students in the Masters in GIS and Technology

2011: Trevor Kollmann, RA, PhD-student in Economics (funded by NSF BCS-1032170).

2010: Ashley Schmeltzer, RA, MA-student in Geography (funded by NSF BCS-1032170).

2010- 2011: Melanie Meyers, PhD-student in Geography.

2008- 2012: Liz Ilena Rodriguez Gamez, PhD student in Geography.

2007- 2008: Monica Stephens, MA student in Geography.

- **Visiting-Scholars**

2013- 2014: Fatih Celebioglu, Associate Professor in Economics, Univ. of Dulumpinar, Turkey

2013: Violeta Cabello Villarejo, PhD student, Department of Geography, University of Seville, Spain.

2012: Jesús López-Rodríguez, Associate Professor, Department of Economic Analysis and Business Administration, University de A Coruña, Spain.

2012: Laura Varela-Candamio, Associate Professor, Department of Economic Analysis and Business Administration, University de A Coruña, Spain.

2011- 2012: Taehyun Kim, Principal Researcher, National Institute for Disaster Prevention, Seoul, Korea.

2011-2012: Wenxing Zhou, Associate Professor, Dept. of Economics, Chongqing University, China.

2008: Fatih Celebioglu, Assistant Professor in Economics, Univ. of Dulumpinar, Turkey

2008: Muhammad Zafar, PhD student in Geography, Univ. of the Punjab, Pakistan.

2007: Gökçen Sayar Özkan, PhD candidate in Economics, Univ. of Dumlupinar, Turkey

2007: Bulent Özkan, Assistant Professor in Economics, Univ. of Gaziantep, Turkey.

- **Supervision of Undergraduate Students**

2013: Research assistantship: Juan Diego Canez, Kaelin Mahar

2007-2008: Honors thesis: James Dickowner, Caitlin Emmett, Sharon McKenzie

2007 - 2011: GIS certificate advisor for Tiernan Erickson, Whitney Budinoff, Felix Meier, Brian Pugh, Mohammed Sharawi, Farah Sutton.

- **Graduate Students in Independent Studies (other than above)**

Spring 2012: Yue Zheng, PhD-student in the GIDP in Statistics.

Fall 2011: Hyeonju Kim, PhD-student in the GIDP in Statistics.

- **PhD Defense Committee Member (other than my own students)**

2012: Farah Sutton, Dept of Higher Education, University of Arizona

2012: Sebastien Bourdin, Dept. of Geography, University of Rouen (France)

2008: Sandra Holland, Dept. of Geog. and Reg. Development, University of Arizona

2007: Christopher Bitter, Dept. of Geog. and Reg. Development, University of Arizona

- **MA Defense Committee Member (other than my own students)**

2015: Dari Duval, Dept. of Ag. And Resource Economics, University of Arizona

2012: Gaurav Arora, Dept. of Ag. And Resource Economics, University of Arizona

2010: Luke Shillington, Dept. of Geog. and Reg. Development, University of Arizona

2007: Beth Wilkinson, Dept. of Geog. and Reg. Development, University of Arizona

2007: Cole Fitzpatrick, Dept. of Geog. and Reg. Development, University of Arizona

WORKSHOPS

- “Spatial Econometrics”, Dept. of Economics, Renmin University (China), 2-week workshop, July 2016.
- “Input-output analysis and regionalization”, Regional Development Agency, Gaziantep (Turkey), 3-day workshop, July 2014.
- “Regional Development Policies: Spatial Statistics, Spatial Econometrics and Input-Output Analysis”, Regional Development Agency, Gaziantep (Turkey), 7-day workshop, July 2011.
- “Regional Development Policies: Theory and Practices”, Regional Development Agency, Gaziantep (Turkey), 7-day workshop, June 2010.
- “*European Regional Development Policies: History and Current Challenges*”, Central Bank of Colombia, Cartagena (Colombia), 2-day workshop, August 2005.

REFEREE

- Reviewer, 2015 NARSC student paper competition
- Reviewer, 2014 Charles Tiebout student paper competition (WRSA conference)
- Reviewer, 2013 NARSC student paper competition
- 2007 and 2010: grant proposal assessment for the *National Science Foundation*.
- 2004: research project assessment for the *Swiss National Science Foundation*.

Referee for: *The Annals of Regional Science*, *Regional Studies*, *Revue d’Economie Régionale et Urbaine*, *Région et Développement*, *Journal of Regional Science*, *Papers in Regional Science*, *International Regional Science Review*, *Review of Regional Studies*, *la Revue Economique*, *Journal of Economic Geography*, *Empirical Economics*, *Transport Reviews*, *Environment and Planning A*, *Spatial Economic Analysis*, *Czech Journal of Economics and Finance*, *Scienze Regionali*, *Empirical Economics*, *Regional Studies*, *Journal of Geographical Systems*, *Applied Geography*, *Environment and Planning C*, *Growth and Change*, *Professional Geographer*, *Jahrbuch für Regionalwissenschaft*, *Economic Geography*, *Review of Urban and Regional Development Studies*, *Journal of Economic Studies*, *American Economic Journal: Macroeconomics*, *Economics and Business Letters*, *European Journal of Transport and Infrastructure Research*, *Sustainability*, *Tijdschrift voor economische en sociale geografie*, *Journal of Transport Geography*, *REGION*, *REAL Discussion Papers*, *Regional Science Policy and Practice*, *Journal of the Association of Environmental and*

Resource Economists, Networks and Spatial Economics, American Journal of Agricultural Economics.

- Number of reviews written: 10 in 2006; 10 in 2007; 12 in 2008; 17 in 2009; 20 in 2010; 13 in 2011; 12 in 2012; 39 in 2013; 8 in 2014; 24 in 2015; 13 in 2016.

PRESENTATIONS

- **Invited Lectures / Keynote speaker:**
 - Midwest Graduate Student Summit on Applied Economics, Regional, and Urban Studies (AERUS), UIUC, April 2016.
 - Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, September 2014.
 - Department of Urban and Regional Planning, University of Illinois at Urbana-Champaign, May 2014.
 - Department of Agricultural and Applied Economics and the Harry S. Truman School of Public Affairs, University of Missouri at Columbia, September 2013.
 - School of Environmental and Public Affairs, University of Nevada at Las Vegas, Jan. 2013.
 - Regional Research Institute, West Virginia University, April 2012.
 - Department of Geography, Penn State University, March 2012.
 - University of Arizona and Sandia National Laboratories, February 2012.
 - Rural Wealth Creation and Livelihoods, convened by USDA Economic Research Service and the Ford Foundation, Washington DC, October 2011.
 - Udall Center, University of Arizona, Tucson, April 2011.
 - Department of Geography, University of California, Santa Barbara, April 2009.
 - Pardee Center, University of Denver, Denver, February 2009.
 - Department of Applied Economics, University of Utah State University, Logan, Nov. 2008.
 - Kobe University International Economic Round Table, Kobe, January 2007.
 - International Workshop on Creativity and Smart Policy as Signposts for Innovative Development, Amsterdam, May 2006.
 - Department of Geography, University of Florida, Gainesville, January 2006.
 - Department of Economics, University of Nevada, Reno, January 2006.
 - Department of Economics, Faculty of Law, Economics and Finance of the University of Luxembourg, Luxembourg, June 2005.
 - Department of Geography, London School of Economics and Political Science, London, May 2005.
 - 43rd Annual Meeting of the Western Regional Science Association, Maui, February 2004.
 - International Conference WIDER on Inequality, Poverty and Human Welfare, Helsinki, May 2003.
 - European Union Center, University of Illinois, Urbana-Champaign, April 2003.
- **Conferences :**
 - 56th Annual Meeting of the Western Regional Science Association, Santa Fe, February 2017.

- 63rd Annual North American Meetings of the Regional Science Association International, Minneapolis, November 2016.
- Annual Meeting of the Agricultural and Applied Economics Association (USDA-NIFA AFRI Project Directors Workshop), Boston, August 2016.
- 55th Annual Meeting of the Southern Regional Science Association, Washington DC, April 2016.
- 62nd Annual North American Meetings of the Regional Science Association International, Portland, November 2015.
- 54th Annual Meeting of the Western Regional Science Association, Tucson, February 2015.
- 61st Annual North American Meetings of the Regional Science Association International, Bethesda, November 2014.
- 53rd Annual Meeting of the Western Regional Science Association, San Diego, February 2014.
- 60th Annual North American Meetings of the Regional Science Association International, Atlanta, November 2013.
- 52nd Annual Meeting of the Western Regional Science Association, Santa Barbara, February 2013.
- 59th Annual North American Meetings of the Regional Science Association International, Ottawa, November 2012.
- SciSIP Principal Investigator's Conference, The National Academies (NSF), Washington DC, Sept. 2012
- 51st Annual Meeting of the Southern Regional Science Association, Charlotte (NC), March 2012
- 51st Annual Meeting of the Western Regional Science Association, Kauai (HI), February 2012.
- 2011 Annual Meeting of the American Geophysical Union, San Francisco, December 2011.
- 58th Annual North American Meetings of the Regional Science Association International, Miami, November 2011.
- 2011 Meeting of the Association of American Geographers, Seattle, April 2011.
- 50th Annual Meeting of the Western Regional Science Association, Monterey (CA), February 2011.
- 49th Annual Meeting of the Western Regional Science Association, Sedona, February 2010.
- 56th Annual North American Meetings of the Regional Science Association International, San Francisco, November 2009.
- 20th Anniversary of the Regional Economics Applications Laboratory, Urbana, November 2009.
- 53rd Annual Meeting of the Arizona-Nevada Academy of Sciences, Tucson, April 2009.
- 2009 Meeting of the Association of American Geographers, Las Vegas, March 2009.
- 48th Annual Meeting of the Western Regional Science Association, Napa Valley, February 2009.
- 5th Annual Conference of the Rocky Mountain European Scholars Consortium, Tucson, October 2008.
- 5th Annual Meeting of the European Union Regional Economics Applications Laboratory, Istanbul, September 2008.
- 2008 Meeting of the Association of American Geographers, Boston, April 2008.
- 47th Annual Meeting of the Western Regional Science Association, Hawaii, February 2008.

- 54th Annual North American Meetings of the Regional Science Association International, Savannah, November 2007.
 - Spatial Econometric Conference, Cambridge, July 2007
 - 2007 Meeting of the Association of American Geographers, San Francisco, April 2007.
 - 51st Annual Meeting of the Arizona-Nevada Academy of Sciences, Southwest Region, American Society of Photogrammetry & Remote Sensing, Flagstaff, March 2007.
 - 46th Annual Meeting of the Western Regional Science Association, Newport Beach, February 2007.
 - 53rd Annual North American Meetings of the Regional Science Association International, Toronto, November 2006.
 - International Conference on Urban and Regional Modeling - Ecomod, Brussels, June 2006.
 - International Workshop on Spatial Econometrics and Statistics, Rome, May 2006.
 - 45th Annual Meeting of the Western Regional Science Association, Santa Fe, February 2006.
 - 26th Conference of the Italian Regional Science Association, Naples, October 2005.
 - 51st Annual North American Meetings of the Regional Science Association International, Seattle, November 2004.
 - 40th Conference of the Association de Science Régionale De Langue Française (French Association of Regional Science), Brussels, September 2004.
 - 3rd Spatial Econometrics Workshop, Strasbourg, June 2004.
 - 43rd Annual Meeting of the Western Regional Science Association, Hawaii, February 2004
 - 4th Doctoriales d'Economie et Finances Internationales (Conference in International Economics and Finance), Brussels, December 2003.
 - 50th Annual North American Meetings of the Regional Science Association International, Philadelphia, November 2003.
 - 39th Conference of the Association de Science Régionale De Langue Française (French Association of Regional Science), Lyon, September 2003.
 - 18th Conference of the Pacific Regional Science Organization, Acapulco, July 2003.
 - 42nd Annual Meeting of the Southern Regional Science Association, Louisville, April 2003.
 - 8th Biannual International Conference of the European Union Studies Association, Nashville, March 2003.
 - 42nd Annual Meeting of the Western Regional Science Association, Rio Rico, February 2003.
 - 49th Annual North American Meetings of the Regional Science Association International, San Juan, November 2002.
 - 44th Annual Conference of the Association of Collegiate Schools of Planning, Baltimore, November 2002.
 - 33rd Mid-Continent Regional Science Association, Kansas City, May 2002.
 - 1st Ecole de Printemps en Economie Géographique (Conference in Economic Geography), Pau, April 2001.
- **Seminars/Outreach:**
 - REAL, UIUC, Jan. 2017
 - Dept. of ACE, UIUC, August 2016.
 - Dept. of Urban and Regional Planning, UIUC, Feb. 2015

- Dept. of Economics, Southern Illinois University, Sept. 2015.
- REAL, UIUC, Jan. 2015.
- Dept. of Economics, University of Arizona, May 2014.
- REASM, March 2014.
- Dept. of Agricultural and Resource Economics, University of Arizona, February 2014.
- REASM, August 2013.
- Dept. of Economics, University of Extremadura, Spain, July 2013.
- REASM, April 2013.
- REASM, November 2012.
- Bureau of Economic Analysis, Washington DC, Sept. 2012.
- Law School, Univ. of Arizona, April 2012.
- REASM, February 2012.
- Law School, Univ. of Arizona, Dec. 2011.
- Economic Development Agency, Regional Office, Seattle, WA, April 2011.
- Dept. of Computer Science, Univ. of Arizona, February 2011.
- Dept. of Economics, Univ. of Arizona, February 2011.
- Economic Development Agency, Headquarter, Washington DC, January 2011.
- College of Sonora and Association of Economists of Sonora, Hermosillo, November 2010
- Dept. of Sociology, Univ. of Arizona, March 2010.
- Dept. of Geography, Arizona State University, January 2010.
- Alliance Française of Tucson, Tucson, January 2009.
- Great Decisions Group, Tucson, February 2008.
- Dept. of Sociology, Univ. of Arizona, September 2007.
- Dept. of Economics, Univ. of Arizona, August 2007.
- Dept. of Geography and Regional Development, Univ. of Arizona, November 2006.
- Dept. of Economics, Univ. of Eindhoven, April 2006.
- CATT, University of Pau, March 2006.
- Dept. of Economics, Tilburg University, March 2006.
- Dept. of Economics, Free Univ. of Amsterdam, March 2006.
- CPB Netherlands Bureau for Economic Policy Analysis, The Hague, March 2006.
- Dept. of Spatial Economics, Free Univ. of Amsterdam, November 2005.
- REAL, University of Illinois, Urbana-Champaign, September 2005.
- REAL, University of Illinois, Urbana-Champaign, October 2004.
- LEG, University of Burgundy, Dijon, June 2004.
- REAL, University of Illinois, Urbana-Champaign, January 2004.
- CATT, University of Pau, November 2003.
- REAL, University of Illinois, Urbana-Champaign, June 2003.
- REAL, University of Illinois, Urbana-Champaign, May 2003.
- REAL, University of Illinois, Urbana-Champaign, April 2003.
- REAL, University of Illinois, Urbana-Champaign, February 2003.
- REAL, University of Illinois, Urbana-Champaign, July 2002.
- REAL, University of Illinois, Urbana-Champaign, April 2002.
- European Union Center, University of Illinois, Urbana-Champaign, November 2001.

LANGUAGES

French (Mother tongue), English

ASSOCIATIONS MEMBERSHIP

- American Economic Association (2013-)
- Regional Science Association International (2004-)
- Western Regional Science Association (2004-)
- Arizona's Association of Economic Developers (2011-2014)
- Association of American Geographers (2006-2012)
- European Union Studies Association (2003-2005)
- Rocky Mountain European Scholars Consortium (2007-2009)