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CURRICULUM VITAE

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**Education**

- 1994 Ph.D. Geography, University of California, Santa Barbara.  
1988 M.A. Geography, University of California, Santa Barbara.  
1985 B.S. Environmental Science, The Richard Stockton College of New Jersey.

**Academic Appointments**

Professor, School of Geographical Sciences and Urban Planning, Arizona State University  
Faculty Research Affiliate, Regional Research Institute, West Virginia University  
Affiliate Research Professor, Regional Economics Applications Laboratory, The University  
of Illinois at Urbana-Champaign  
Adjunct Professor, Department of Geography, San Diego State University

**Prior Academic Appointments**

- 2007-08 Chair, Department of Geography, San Diego State  
2006-08 Co-director, Center For Earth Systems Analysis Research (CESAR), Department  
of Geography, San Diego State University  
2005-08 Director, Regional Analysis Laboratory (REGAL), Department of Geography, San  
Diego State University  
2005-08 Adjunct Faculty Member, Department of Geography, University of Illinois, Champaign-  
Urbana  
2003-08 Professor, Department of Geography, San Diego State University  
2001 Visiting Scholar, School of Economics, University of Queensland (Summer-Fall).  
1998-03 Associate Professor, Department of Geography, San Diego State University  
1994-08 SDSU/UCSB Geography Ph.D. Faculty member.  
1994-98 Assistant Professor, Department of Geography, San Diego State University

## Editorial Appointments

- 2008– Editorial board member, *Computers, Environment and Urban Systems*
- 2008– Editorial board member, *Région et Développement*
- 2007– Editorial board member, *Letters in Spatial and Resource Sciences*
- 1999– Editor, *International Regional Science Review*
- 1999– Editorial board member, *Papers in Regional Science*
- 1998 Book review editor, *The Professional Geographer*
- 1997-99 Editorial board member, *International Regional Science Review*
- 1996–08 Editorial board member, *Geographical Analysis*

## Themed Issues

- 2006 Guest Co-editor, “The Spatial Dimensions of Economic Growth and Convergence.” *Papers in Regional Science*.
- 2006 Guest Co-editor, “Recent Advances in Software for Spatial Analysis in the Social Sciences.” *Geographical Analysis*.
- 2004 Guest editor, “Special Issue on Walter Isard’s Impact on Analytical Human Geographic Research.” *Journal of Geographic Systems*.
- 2001 Co-editor, “Special Issue in Honor of William Alonso.” *International Regional Science Review*.
- 1997 Guest Co-editor, “Special Issue on Spatial Econometrics” *International Regional Science Review*

## Honors and Awards

- 2007- Fellow, Spatial Econometrics Association
- 1999-00 Faculty Fellow. Center on Computational Science and Engineering. San Diego State University.
- 1998 Geoffrey J.D. Hewings Distinguished Young Scholars Award. North American Regional Science Council.

## Publications

### Books and Edited Volumes

- 2009 Anselin, L. and S.J. Rey (eds.) *Perspectives on Spatial Data Analysis*. Springer Verlag, Berlin. (In press).
- 2004 Anselin, L., R.J.G.M. Florax and S.J. Rey (eds.), *Advances in Spatial Econometrics. Methodology, Tools and Applications*. Springer Verlag, Berlin.

- 2002 Anselin, L. and S.J. Rey (eds.), *New Tools for Spatial Data Analysis: Proceedings of a Workshop*. Center for Spatially Integrated Social Science, University of California, Santa Barbara (CD-ROM).

### Refereed Journal Articles and Book Chapters

- 2009 Anselin, L. and S.J. Rey. "Perspectives on spatial data analysis." In Anselin, L. and S.J. Rey (eds). *Perspectives on Spatial Data Analysis*. (In press).
- 2009 Rey, S.J. "Show me the code: Open source and spatial analysis." *Journal of Geographical Systems*, 11, 191-207.
- 2009 Rey, S.J. and X. Ye "Comparative Spatial Dynamics of Regional Systems ". In A. Páez, J. Le Gallo, R.Buliung and S. Dall'Erba (eds.) *Progress in Spatial Analysis: Theory and Computation, and Thematic Applications*. Springer. (Forthcoming).
- 2009 Rey, S.J. and J. Le Gallo "Spatial analysis of economic convergence." In T.C. Mills and K. Patterson (eds.) *Palgrave Handbook of Econometrics Volume II: Applied Econometrics*. Palgrave Macmillan. (Forthcoming).
- 2008 Gutiérrez, M.L. and S.J. Rey "Polarización espacial y dinámicas de la desigualdad interregional en México." *Problemas del Desarrollo*. 38: 181-202.
- 2008 Duque, J.C. and S.J. Rey "Network based approaches towards industrial clustering." In G. Maier and U. Blien (eds.) *The economics of regional clusters: Networks technology and policy*. Edward Elgar, p 41-68.
- 2008 Janikas, M.V. and S.J. Rey "On the Relationships Between Spatial Clustering, Inequality, and Economic Growth in the United States: 1969-2000." *Région et Développement*, 27: 13-34.
- 2007 Gutiérrez, M. and S. J. Rey "Spatial income mobility in Mexico." *Revista Latinoamericana de Economía*.
- 2007 Rey, S.J. and L. Anselin "PySAL a Python library for spatial analytical methods." *The Review of Regional Studies*, 37: 5-27.
- 2007 Tague, C., M. Farrell, G. Grant, S. Lewis and S.J. Rey "Hydrogeologic controls on summer stream temperatures in the McKenzie River Basin, Oregon." *Hydrological Processes*, 21: 3228-3300.
- 2007 Franklin, J. and S.J. Rey "Spatial patterns of regeneration in secondary and late-successional tropical forest suggest recruitment limitations." *Journal of Tropical Ecology*, 23: 1-12.
- 2006 Bode, E. and S.J. Rey "The spatial dimensions of economic growth and convergence". *Papers in Regional Science*, 85: 171-176.
- 2006 Rey, S.J. and B. Dev "Sigma convergence in the presence of spatial effects." *Papers in Regional Science*, 85: 217-234.
- 2006 Rey, S.J. "Integrated regional econometric+input-output modeling: Issues and opportunities." In A. Reggiani, K. Button and P. Nijkamp (eds.) *Planning Models*.

- Edward Elgar. (Reprint of Rey 2000).
- 2006 Rey, S.J. and L. Anselin “Recent Advances in Software for Spatial Analysis in the Social Sciences.” *Geographical Analysis*. 38: 1-4.
- 2006 Rey, S.J. and M.V. Janikas “STARS: Space-Time Analysis of Regional Systems.” *Geographical Analysis*. 38: 67-86.
- 2006 Rey, S.J. “STARS: Space-Time Analysis of Regional Systems.” University of Redlands/Environmental Systems Research Incorporated Colloquium CD Series. ESRI. Redlands.
- 2005 Florax, R.J.G.M, H. Folmer and S.J. Rey “A Comment on Specification Searches in Spatial Econometrics: The Relevance of Hendry’s Methodology” *Regional Science and Urban Economics*. 36: 300-308.
- 2005 M.V. Janikas and S.J. Rey “Spatial clustering, inequality and income convergence.” *Région et Développement*. 25: 41-64.
- 2005 Rey, S.J. and M.V. Janikas “Regional convergence, inequality and space.” *Journal of Economic Geography*. 5: 155-176.
- 2004 Rey, S.J., G. West and M.V. Janikas. “Uncertainty in integrated regional models.” *Economic Systems Research*. 16: 259-277.
- 2004 Rey, S.J. “Walter Isard’s impact on analytical human geographic research.” *Journal of Geographical Systems*. 6: 3-6.
- 2004 Rey, S.J. and M.G. Boarnet. “A taxonomy of spatial econometric models for simultaneous equations systems.” In L. Anselin, R.J.G.M. Florax and S.J. Rey (eds.) *Advances in Spatial Econometrics. Methodology, Tools and Applications*. Springer Verlag, Berlin. Pages 99-119.
- 2004 Anselin, L., R.J.G.M. Florax and S.J. Rey. “Econometrics for spatial models: Recent advances.” In L. Anselin, R.J.G.M. Florax and S.J. Rey (eds.) *Advances in Spatial Econometrics. Methodology, Tools and Applications*. Springer Verlag, Berlin. Pages 1-25.
- 2004 Rey, S.J. “Spatial analysis of regional economic growth, inequality and change.” In M.F. Goodchild and D.G. Janelle (eds.) *Spatially Integrated Social Science*. Oxford University Press: Oxford. Pages 280-299.
- 2004 Rey, S.J. “Spatial dependence in the evolution of regional income distributions.” In A. Getis, J. Múr and H. Zoeller (eds.) *Spatial Econometrics and Spatial Statistics*. Palgrave, Hampshire. Pages 194-213.
- 2004 Rey, S.J. and B. D. Montouri “U.S. regional income convergence: A spatial econometric perspective.” In P. Cheshire and G. Duranton (eds.) *Recent Developments In Urban And Regional Economics*. Edward Elgar. Pages 389-404. (Reprint of Rey and Montouri 1999).

- 2004 Franklin, J., C. Coulter and S.J. Rey “Change in southern California chaparral community over 70 years related to fire history.” *Journal of Vegetation Science*. 15: 701-710.
- 2003 Florax, R.J.G.M, H. Folmer and S.J. Rey. “Specification searches in spatial econometrics: The relevance of Hendry’s econometric methodology.” *Regional Science and Urban Economics*. 33: 557-579.
- 2003 Jerret, M.J., S.J. Rey, C. Dufournaud and D. Jones. “Measuring the environmental “bottom line” along the U.S.-Mexico border: Accounting framework and cases from the San Diego-Tijuana Region” *Annals of the Association of American Geographers*. 93: 67-88.
- 2002 Rey, S.J., M. Janikas, D. Larson and J.C. Snapp-Cook. “Subject and author indexes to 2001 regional science and related journal literature.” *The International Regional Science Review*. 25: 331-440.
- 2002 Anselin, L. and S.J. Rey (Editors) *New Tools for for Spatial Data Analysis: Proceedings of a Workshop*. Center for Spatially Integrated Social Sciences. Santa Barbara.
- 2002 LeSage, J.P. and S.J. Rey. “Restrictions in Integrated Econometric+Input-Output Modeling.” *Trade, Networks and Hierarchies: Modeling Regional and Interregional Economies*. In Geoffrey J.D. Hewings, Michael Sonis and David E. Boyce (eds.) Springer-Verlag. Pages 251-266.
- 2002 Jerrett, M., S.J. Rey, C. Dufournaud, and D. Jones. “Environmental accounting along the U.S.-Mexican border.” In P. Ganster (ed.) *The U.S.-Mexican Border Environment: Economy and Environment for a Sustainable Border Region: Now and in 2020*. San Diego State University Press. San Diego. 103-141.
- 2002 Clement, N., S.J. Rey, N.A. Fuentes and A. Brugués. “The U.S.-Mexican border economy in the NAFTA era: Implications for the environment.” In P. Ganster (ed.) *The U.S.-Mexican Border Environment: Economy and Environment for a Sustainable Border Region: Now and in 2020*. San Diego State University Press. San Diego. 55-70.
- 2001 Rey, S.J., D. Larson, M. Janikas and Y.S. Kim. “Subject and author indexes to 2000 regional science and related journal literature.” *The International Regional Science Review*. 24: 345-410.
- 2001 Rey, S.J. “Mathematical Models in Human Geography.” In N.J. Smelser and P.B. Baltes (eds.) *International Encyclopedia of the Social & Behavioral Sciences*. 14: 9393-9399. Pergamon, Oxford.
- 2001 Rey, S.J. “Spatial empirics for regional economic growth and convergence.” *Geographical Analysis*. 33 (3): 195-214.
- 2001 Isserman, A.M., K. Mera, S.J. Rey, and M.C. Waters. “A portrait in four encounters: William Alonso”. *International Regional Science Review*. 24: 293-301.

- 2000 Rey, S.J. "Integrated regional econometric+input-output modeling: Issues and opportunities." *Papers in Regional Science* 79: 271-292.
- 2000 Rey, S.J. and L. Anselin. "Regional science publication patterns in the 1990's." *International Regional Science Review* 23: 323-344
- 2000 Anselin, L., S.J. Rey and E. Talen "The expanded and revised IRSR subject and author index." *International Regional Science Review* 23: 345-443.
- 1999 Rey, S.J. and R.W. Jackson. "Labor productivity and regional econometric+input-output models." *Environment and Planning A* 31: 1583-1599.
- 1999 Rey, S.J. and B.D. Montouri. "U.S. regional income convergence: A spatial econometric perspective." *Regional Studies* 33: 145-156.
- 1998 Rey, S.J., P. Ganster, G. del Castillo, J. Alvarez, K. Shellhammer, A. Sweedler and N. Clement. "The San Diego-Tijuana Region." In J. Wilke and C.E. Smith (eds.) *Integrating Cities and Regions: NAFTA and the Caribbean Face Globalization*. UCLA Program on Mexico, Los Angeles.
- 1998 Rey, S.J. "The performance of strategies for integrating regional econometric and input-output models." *The International Regional Science Review* 20: 1-36.
- 1997 Rey, S.J. "Integrating regional econometric and input-output models: An evaluation of embedding strategies." *Environment and Planning A* 29: 1057-1072.
- 1997 Rey, S.J. "Coefficient change in integrated econometric+input-output models at the regional scale." *Economic Systems Research* 9: 307-339.
- 1997 Rey, S.J. and B. Dev. "Integrating regional econometric and input-output models in a multiregional context." *Growth and Change* 28: 222-243.
- 1997 Anselin, L. and S.J. Rey. "Introduction to the special issue on spatial econometrics." *International Regional Science Review* 20: 1-7.
- 1995 Florax, R.J.G.M. and S. Rey. "The impact of misspecified spatial interaction structure in regression models." In L. Anselin and R.J.G.M. Florax (eds.) *New Directions in Spatial Analysis*. Springer Verlag, Berlin.
- 1991 Anselin, L. and S. Rey. "Properties of tests for spatial dependence in linear regression models." *Geographical Analysis* 23: 112-131.
- 1990 Anselin, L., S.J. Rey and U. Deichmann. "The implementation of integrated models in small regions." In L. Anselin and M. Madden eds. *New Directions in Regional Analysis: Integrated and Multiregional Approaches*. Belhaven, London.
- 1989 Anselin, L. and S. Rey. "Issues in the specification of an integrated multiregional model for a system of small regions." *Sistemi Urbani* 2: 177-201.

## Book Reviews

- 2000 Rey, S.J. *Econometric Advances in Spatial Modelling and Methodology: Essays in*

*Honour of Jean Paelinck*. Edited by Daniel A. Griffith, Carl G. Amrhein and Jean-Marie Huriot. In *Regional Science and Urban Economics*.

- 1997 Clement, N.C. and S.J. Rey. *Border-Regional Economics*. By Rogxing Guo. In *Journal of Borderland Studies*, 12: 175-179.

### **Manuscripts in Progress**

Anselin, L. and S.J. Rey *Spatial Econometrics: Foundations*. In progress.

Duque, J.C., L. Anselin and S.J. Rey "The max p-region problem." Submitted.

Elias, M. and S.J. Rey "Educational convergence in Peru." Submitted.

Fitch, D.T., D. Stow, A. Hope and S.J. Rey "MODIS vegetation metrics as indicators of hydrological response in watersheds of California Mediterranean-Type climate zones." In progress.

Rey, S.J., L. Anselin, J.C. Duque and X. Li "Max p-region based estimation of disease rates." In progress.

Rey, S.J., L. Anselin, and M. Hwang. "Dynamic manipulation of spatial weights matrices using web services." Submitted.

Rey, S.J. and M.L. Sastré Gutiérrez. "Interregional inequality dynamics in Mexico." Submitted

Rey, S.J. and X. Ye "Exploring spatial dynamics in city size distributions." Submitted.

Schmidt, C.R., S.J. Rey and A. Skupin. "Effects of irregular topology on self-organizing maps." Submitted.

### **Technical Reports**

- 2005 Rey, S.J., J.C. Duque, O. Smirnov, Y. Kim, and P. Stephens. Identifying Value-Added Industry Clusters in San Diego County. Regional Analysis Laboratory Technical Report: REGAL 050615.
- 2005 Rey, S.J., J.C. Duque, O. Smirnov, Y. Kim, and P. Stephens. Geocoding the Connector. Regional Analysis Laboratory Technical Report: REGAL 050627.
- 2003 Rey, S.J. "Identifying Regional Industrial Clusters in Imperial County California." California Center for Border and Regional Economic Studies.
- 2001 Rey, S.J. "Identifying Regional Industrial Clusters in California: Volume V Substate Results." California Employment Development Department. Sacramento. (September).
- 2000 Rey, S.J. "Identifying Regional Industrial Clusters in California: Volume IV The Role of Industry Clusters in California's Recent Economic Expansion." California Employment Development Department. Sacramento.

- 2000 Rey, S.J. "Identifying Regional Industrial Clusters in California: Volume III Technical Documentation of the Candidate Statewide Industry Clusters." California Employment Development Department. Sacramento.
- 2000 Rey, S.J. "Identifying Regional Industrial Clusters in California: Volume II A Methods Handbook." California Employment Development Department. Sacramento.
- 2000 Rey, S.J. and D. Mattheis. "Identifying Regional Industrial Clusters in The California Economy: Volume I Conceptual Design." California Employment Development Department. Sacramento.
- 2000 Butler, M., S. Rey and G. Singh "Workforce Issues of the Visitor Cluster of San Diego." Technical Report to the San Diego Workforce Partnership.
- 2000 Sciglimpaglia, D., S. Rey, M. Butler and G. Singh "Workforce Issues of the Computer and Electronics Manufacturing Cluster of San Diego." Technical Report to the San Diego Workforce Partnership.
- 2000 Singh, G. and S. Rey "Workforce Issues of the Biosciences Cluster of San Diego." Technical Report to the San Diego Workforce Partnership.
- 1998 Rey, S.J. "Technician Needs Assessment Survey." Report to the San Diego Regional Economic Development Corporation.
- 1997 Rey, S.J. and N. Clement. "Estimates of Employment and Income Impacts of the Space and Naval Warfare Systems Command (SPAWAR) Operations in the San Diego Region." Report to the San Diego State Foundation Defense Conversion Center.
- 1996 Gerber, J., D. Gupta, and S. Rey, "The Impacts of the San Diego State University on the Regional Economy." Office of the Vice President for Academic Affairs, San Diego State University.
- 1995 Rey, S. "A Decompositional Analysis of Defense Dependent Industrial Clusters." Report to the San Diego State Foundation Defense Conversion Center.
- 1995 Rey S. "The Impacts of Defense Conversion on the San Diego Economy." Report to the San Diego State Foundation Defense Conversion Center.
- 1995 Rey, S. "An Evaluation of the Demographic and Economic Forecasting Model." Report to the San Diego Association of Governments.
- 1995 Rey, S. and N. Clement "The San Diego Economic Information and Modeling Project." Report to the San Diego State Foundation Defense Conversion Center.
- 1991 Anselin, L. and S. Rey (1991) "The Performance of Tests for Spatial Dependence in a Linear Regression." National Center for Geographic Information and Analysis Technical Paper 91-13.
- 1988 Rey, S. "Data Issues in the Development of Integrated Multiregional Models." Community and Organization Research Institute Working paper WRC700-2, U.C. Santa Barbara.

- 1987 Anselin, L., P. Krsnak and S. Rey. "Economic Impacts of the University of California Santa Barbara on the Region." Interim Report to UCSB.
- 1987 Anselin, L., P. Krsnak and S. Rey. "Economic Impacts of the University of California Santa Barbara on the Region: An Input-Output Analysis." Interim Report to UCSB.

### **Proceedings**

- 1996 Clement, N. and S.J. Rey, "The San Diego-Tijuana Region." Transnational Regional Economic Development - North America, Proceedings, 15-19.
- 1996 Frank, B., R. Wright, and S.J. Rey, "Linking Preference Analysis Techniques and GIS for Fire Fuel Management." GIS/LIS 96' Proceedings, 1124-1140.

### **Conference Participation and Presentations**

- 2009 Rey, S.J. and L. Anselin. "PySAL: Python Library for Spatial Analytical Functions." Association of American Geographers. Las Vegas. March.
- 2009 Rey, S.J., L. Anselin and M. Hwang. "Dynamic manipulation of spatial weights using web services." Western Regional Science Association. Napa, February.
- 2009 Elias, M. and S.J. Rey. "Educational performance and spatial convergence in Peru: 1993-2005. Western Regional Science Association. Napa, February.
- 2009 Schmidt, C.R., S.J. Rey and A. Skupin. "Effects of regular topology in spherical self-organizing maps." Western Regional Science Association. Napa, February.
- 2009 Duque, J.C., L. Anselin and S.J. Rey. "The max-p region problem." Cartagena, February.
- 2008 Rey, S.J. "20 Years of Spatial Econometrics". Panel Member. Regional Science Association International. Brooklyn. November.
- 2008 Duque, J.C., S.J. Rey and C.R. Schmidt "INCLUSIO: New ways to explore interindustry relationships." Regional Science Association International. Brooklyn. November.
- 2008 Schmidt, C.R., S.J. Rey and A. Skupin "PySOM: A Graph Based Implementation of Self-Organizing Maps." Regional Science Association International. Brooklyn. November.
- 2008 Rey, S.J. and B. Dev "Identifying patterns of change in income inequality across geographic areas." Regional Science Association International. Brooklyn. November.
- 2008 Rey, S.J. and X. Ye "Distributional Properties of LISA Time Paths." Regional Science Association International. Brooklyn. November.
- 2008 Sergio Rey and David Folch "A spatiotemporal approach to the measurement of economic segregation." Spatial Econometrics Association. Brooklyn. November.
- 2008 Schmidt, C., Rey, S.J. and A. Skupin. "Effects of Irregular Topology in Spherical Self-Organizing Maps." Association of American Geographers. Boston. March.

- 2008 Rey, S.J. and X. Ye. "Dynamic Pseudo Weighted Voronoi: Integrating Geographic and Attribute Spaces." Association of American Geographers. Boston. March.
- 2008 Stephens, P. and S.J. Rey "Spatial Analysis Of HUBZone Determinations In California Metro Areas." Association of American Geographers. Boston. March.
- 2008 Rey, S.J. and X. Ye. "Comparative spatial dynamics of regional systems'. Western Regional Science Association. Kona, HI. February.
- 2007 Rey, S.J. and X. Ye. "Comparative space-time dynamics: China and the US 1989-2000". Regional Science Association International. Savannah, GA. November.
- 2007 Rey, S.J. and J. Le Gallo "Spatial analysis of economic convergence". Regional Science Association International. Savannah, GA. November.
- 2007 Rey, S.J. and M. Sastré Gutiérrez "Interregional Inequality Dynamics in Mexico". Regional Science Association International. Savannah, GA. November.
- 2007 Rey, S.J. and X. Ye. "Exploring spatial dynamics in city size distributions.". The 2nd ICA Workshop on Geospatial Analysis and Modeling - Spatial Structure and Dynamics of Urban Environments. Athens, Ga. July.
- 2007 Sastré Gutiérrez, M. and S.J. Rey "Spatial income mobility in Mexico." Encuentro Nacional Sobre Desarrollo Regional en Mexico, AMECIDER. July.
- 2007 Rey, S.J. "Show me the code: Open source and spatial analysis." Association of American Geographers. San Francisco. April.
- 2007 Rey, S.J. and X. Ye "Exploratory Comparative Spatial Dynamics: Integrating Computational Geometry with ESTDA." Association of American Geographers. San Francisco. April.
- 2007 Stephens, P. and S.J. Rey "Spatial Analysis of HUBZone Designations in San Diego, California." Association of American Geographers. San Francisco. April.
- 2006 Rey, S.J., L. Anselin, J.C. Duque and X. Li "Max p-region based estimation of disease rates." Regional Science Association International Meetings. Toronto. November.
- 2006 Rey, S.J. and X. Ye "Exploring spatial dynamics in city size distributions." Regional Science Association International Meetings. Toronto. November.
- 2006 Rey, S.J. "An exploratory space-time data analysis toolkit for the social sciences." National Science Foundation, Human and Social Dynamics Principal Investigators Meeting. Washington D.C. September.
- 2006 Anselin, L. and S.J. Rey "PySAL: A Python Library for Spatial Analysis." Joint Statistical Meetings. Seattle. August.
- 2006 Anselin, L. and S.J. Rey "Perspectives on spatial data analysis: the contributions by Arthur Getis to the field." Association of American Geographers. Chicago. April.

- 2006 Hamada, Y., D.A. Stow, S.J. Rey and L. Coutler “Methods for assessing thematic accuracy of classification maps derived from remotely sensed imagery.” Association of American Geographers. Chicago. April.
- 2006 Janikas, M.V. and S.J. Rey “Assessing relative distributions in the presence of spatial dependence.” Association of American Geographers. Chicago. April.
- 2006 Rey, S.J. and X. Ye. “Comparative space-time dynamics” Association of American Geographers. Chicago. April.
- 2005 Rey, S.J. and B. Dev. “Identifying trends of  $\sigma$ -convergence in the presence of dynamic spatial effects.” Regional Science Association International. Las Vegas. November.
- 2005 Rey, S.J., J.C. Duque and L. Anselin. “Clustering components in the Python Spatial Analysis Library (PySAL).” Regional Science Association International. Las Vegas. November.
- 2005 Rey, S.J., O. Smirnov, J.C. Duque, P. Stephens and Y.S. Kim. “Regional analysis in support of economic development.” Regional Science Association International. Las Vegas. November.
- 2005 Rey, S.J., M.V. Janikas and O. Smirnov. “Exploratory geovisualization of spatial income dynamics.” Regional Science Association International. Las Vegas. November.
- 2005 Janikas, M.V. and S.J. Rey “A confirmatory approach for the evaluation of the effects of spatial clustering and inequality on economic growth in the United States: 1969-20001.” Regional Science Association International. Las Vegas. November.
- 2005 Duque, J.C. and S.J. Rey “Network based approaches towards industrial clustering.” Regional Science Association International. Las Vegas. November.
- 2005 Rey, S.J., M.V. Janikas and O. Smirnov. “Exploratory geovisualization of spatial dynamics.” Geocomputation 2005. University of Michigan. August.
- 2005 Anselin, L. and S.J. Rey “PySAL a Python library for spatial analytical functions.” Geocomputation 2005. University of Michigan. August.
- 2005 Rey, S.J. “STARS: Space-Time Analysis of Regional Systems.” Workshop on Spatial Econometrics. Kiel Institute for World Economics, Kiel Germany. April.
- 2005 Anselin, L. and S.J. Rey “PySAL, a Python Library for Spatial Analytical Functions”. Association of American Geographers. Denver, CO. April.
- 2005 Rey, S.J. and M.V. Janikas “STARS: Space-Time Analysis of Regional Systems.” Western Regional Science Association. San Diego, CA. February.
- 2004 Janikas, M.V. and S.J. Rey “Spatial Clustering, Inequality and Income Convergence.” Regional Science Association International. Seattle, WA. November.
- 2004 Rey, S.J. and M.V. Janikas “Exploratory space-time data analysis with STARS.” Association of American Geographers. Philadelphia, PA. March.

- 2004 Rey, S.J. and B. Dev “ $\sigma$ -convergence in the presence of spatial effects.” Western Regional Science Association. Maui, HA. February.
- 2003 Rey, S.J. and M.V. Janikas “Convergence and space.” Regional Science Association International. Philadelphia, PA. November.
- 2003 Rey, S.J., M.V. Janikas, B. Dev and Y.S. Kim “Exploratory space-time analysis with STARS.” Regional Science Association International. Philadelphia, PA. November.
- 2003 Rey, S.J., D.J. Mattheis and Y.S. Kim “Building Consensus Clusters: An evaluation of industrial cluster identification strategies” Regional Science Association International. Philadelphia, PA. November.
- 2003 Kim, Y.S. and S.J. Rey “The aerospace industry cluster in California.” Regional Science Association International. Philadelphia, PA. November.
- 2003 Rey, S.J., M.V. Janikas, B. Dev and Y.S. Kim “Exploratory space-time data analysis with Python.” Python for Scientific Computing Workshop. Pasadena, CA. September.
- 2003 Rey, S.J., D.J. Mattheis and Y.S. Kim “Regional Industrial Clusters in California: An Application of Consensus Clustering.” Western Regional Science Association Meetings. Rico Rico, AZ. March.
- 2003 Rey, S.. “Empirics for space-time information systems.” Space-Time Information Systems 2003. University of Michigan, January.
- 2002 Rey, S.J. “STARS: Space-time Analysis of Regional Systems”. North American Meeting of the Regional Science Association International. San Juan, Puerto Rico. November.
- 2002 Rey, S.J., G.R. West and M.V. Janikas “Uncertainty in integrated regional models”. North American Meeting of the Regional Science Association International. San Juan, Puerto Rico. November.
- 2002 Anselin, L. and S.J. Rey (Organizers). *New Tools for Spatial Data Analysis*. Center for Spatially Integrated Social Sciences Specialist Meeting. Santa Barbara, Ca. May 10-11.
- 2002 Rey, S.J. “Spatial analysis of regional income inequality.” Western Regional Science Association Meetings. Monterey, Ca. February.
- 2001 Rey, S.J., D.J. Mattheis and Y.S. Kim. “Consensus industrial clustering.” 17th Pacific Conference of the Regional Science Association International. Portland, Or. July.
- 2001 Anselin, L. and S.J. Rey. “Open software tools for exploratory spatial data analysis.” Association of American Geographers. New York. March.
- 2001 Rey, S.J. “Spatial dependence in the evolution of regional income distributions.” Western Regional Science Association Meetings. Ojai, Ca. February.

- 2000 Rey, S.J. and L. Anselin "Regional Science Publication Patterns in the 1990's". North American Meeting of the Regional Science Association International. Chicago. November.
- 2000 Clement, N.C. and S.J. Rey "The Economic Structure of the US-Mexico Border Region in the NAFTA Era." Border Institute II. Rio Rico, Arizona. April.
- 2000 Jerrett, M.J. and S.J. Rey "Environmental Accounting in Border Regions." Border Institute II. Rio Rico, Arizona. April.
- 2000 Rey, S.J. "Spatial Empirics for Economic Growth and Convergence." Western Regional Science Association Meetings. Kauai. February.
- 1999 Rey, S.J. "Integrated Regional Econometric+Input-Output Modeling: Issues and Opportunities." North American Meeting of the Regional Science Association International. Montreal. November.
- 1999 LeSage, J.P. and S.J. Rey "Restrictions in Integrated Econometric+input-output modeling." North American Meeting of the Regional Science Association International. Montreal. November.
- 1999 Florax, R.J.G.M., E. Lopez-Bazo and S.J. Rey. "Spatial economic growth: What do we know?" European Congress of the Regional Science Association International. Dublin, Ireland. August.
- 1999 Rey, S.J. "Space in integrated econometric and input-output models." Southern Regional Science Association Meetings. Richmond, VA. April.
- 1999 Rey, S.J. and D. Mattheis. "An evaluation of methods for identifying regional industrial clusters." Annual meetings of the Association of American Geographers, Honolulu, HA.
- 1998 Rey, S.J. and M.G. Boarnet. "A taxonomy of spatial econometric models for simultaneous equations systems." North American Meeting of the Regional Science Association International. Santa Fe, New Mexico. November.
- 1998 Rey, S.J. "Methodological Issues in the Integration of Regional Econometric and Input-Output Models." Paper presented at the Community Planning and Analysis Network Meeting, Santa Fe, NM, November.
- 1998 Rey, S.J. and N.C. Clement, "The San Diego Economic Information and Modeling Project." Network of Border Economists, El Paso, Texas, April 27, 1998.
- 1998 Rey, S.J. and B.D. Montouri. "U.S. regional income convergence: A spatial econometric perspective." Western Regional Science Association Meetings. Monterey, CA. February.
- 1997 Rey, S.J. and R.W. Jackson. "Labor productivity changes in regional econometric and input-output models." North American Meeting of the Regional Science Association International. Buffalo, N.Y. November.

- 1997 Anselin, L. and S.J. Rey “Geographic spillovers in regional economic models.” North American Meeting of the Regional Science Association International. Buffalo, N.Y. November.
- 1996 Rey, S.J. “Coefficient Change in Embedded Econometric and Input-Output Models at the Regional Scale.” Regional Science Association International annual meeting, Arlington Virginia November.
- 1996 Clement, N. and S.J. Rey. “The San Diego-Tijuana Region.” Transnational Regional Economic Development in North America. Tucson, Arizona. May.
- 1996 Rey, S.J., and B. Dev. “Integrating Econometric and Input-output Models in a Multiregional Context.” Western Regional Science Association annual meeting, Napa CA, February.
- 1995 Rey, S.J., “The Impact of Defense Spending on the San Diego Region: An Integrated Modeling Analysis.” Thirtieth anniversary conference of the Regional Research Institute, West Virginia University, Morgantown, W.V., November.
- 1995 Anselin, L. and S. Rey, “The Elusiveness of Spatial Spillovers: State Fiscal Policy Interdependence Revisited.” Regional Science Association International, annual meeting, Cincinnati, Ohio, November.
- 1995 Rey, S.J., “The Performance of Alternative Integration Strategies for Combining Regional Econometric and Input-Output Models.” Regional Science Association International, annual meeting, Cincinnati, Ohio, November.
- 1995 Rey, S.J., P.Ganster, G. del Castillo, J. Alvarez, K. Shellhammer, A. Sweedler and N. Clement. “The San Diego-Tijuana Region” Integrating Cities and Regions: NAFTA and Beyond. Vancouver, B.C. September.
- 1995 Anselin, L. and S. Rey, “Spatial Dependence in Models with Pooled Data: State Fiscal Policy Interdependence Revisited.” Western Regional Science Association annual meeting, San Diego CA, February.
- 1994 Rey, S., “The Role of Spatial Effects in the Estimation and Simulation of Multi-regional Econometric Models.” Regional Science Association International, annual meeting, Niagara Falls, Ontario Canada, November.
- 1994 Rey, S., A. Getis, and A. Bortman, “Estimation of Suppressed Employment Data: an Evaluation of Spatial and Non-spatial Approaches.” Regional Science Association International, annual meeting, Niagara Falls, Ontario Canada, November.
- 1994 Rey, S. and A. Bortman, “Integration of GIS and Regional Modeling: The Case of Estimating Suppressed Employment Data at the Sub-state Scale.” Association of American Geographers, annual meeting, San Francisco, CA, April.
- 1993 Rey, S., “Spatial Heterogeneity in Multiregional Econometric Models.” Regional Science Association International, annual meeting, Houston, TX, November.
- 1992 Rey, S., “Integrated Econometric and Input-output Regional Employment Models:

An Evaluation of Alternative Approaches.” Regional Science Association International, annual meeting, Chicago, IL, November.

- 1992 Florax, R. and S. Rey, “The Impacts of Misspecified Spatial Weight Structures in Linear Regression Models.” European Congress of the Regional Science Association, Louvain-La-Neuve Belgium, August.
- 1992 Rey, S., “Integrated Econometric and Input-output Models: An Analysis of Alternative Approaches.” Association of American Geographers, annual meeting, San Diego, CA, April.

## Invited Lectures

- 2008 Rey, S.J. “Exploratory Analysis of Space-Time Data.” Regional Research Institute, West Virginia University. March.
- 2008 Rey, S.J. “Show Me the Code: Spatial Analysis and Open Source.” Department of Geography, San Diego State University. January.
- 2007 Rey, S.J. “Exploratory Analysis of Space-Time Data.” Survey Research Center, University of California, Berkeley. November.
- 2007 Rey, S.J. “Exploratory Analysis of Space-Time Data.” Department of Geography Colloquia, University of Southern California. March.
- 2004 Rey, S.J. “STARS: Space-Time Analysis of Regional Systems.” ESRI-University of Redlands Colloquia. September.
- 2004 Rey, S.J. “Regional science in the Borderlands: Research and public policy opportunities.” Departments of Geography and Planning, Arizona State University. March.
- 2004 Rey, S.J. “Exploratory space-time data analysis of socioeconomic processes.” Symposium on Spatial Information Science for Human and Social Sciences. University of Tokyo. January.
- 2003 Rey, S.J. “Python for exploratory space-time data analysis.” Center for Spatially Integrated Social Sciences, University of California, Santa Barbara. October.
- 2003 Rey, S.J. “Exploratory space-time analysis of regional income evolutions.” Quantitative Methods in Social Science Program Colloquia. University of California, Santa Barbara. October.
- 2003 Rey, S.J. “San Diego State University and the Regional Economy.” University of Limerick Executive MBA Workshop. August.
- 2003 Rey, S.J. “Identifying Industrial Clusters in the Imperial County Economy.” California Center for Border and Regional Economic Studies. May.
- 2003 Rey, S.J. “The use of Python for Geocomputation and Geovisualization.” SAND-PYT: San Diego Python Users Group. May.
- 2002 Rey, S.J. “Exploratory Spatial Data Analysis of Regional Economic Change.” Regional Science Program, University of Illinois, Urbana. May.

- 2001 Rey, S.J. "Spatial Effects in the Analysis of Regional Income Convergence and Inequality." School of Economics, University of Queensland. October.
- 2001 Rey, S.J. "New Spatial Empirics for Regional Inequality and Growth." The Tod Spieker Colloquium. Department of Geography, University of California, Los Angeles. May.
- 2000 Rey, S.J. "STARS: Space-Time Analysis of Regional Systems, An Open-Source Approach to Spatial Analysis." Center for Spatially Integrated Social Sciences, UC Santa Barbara. December.
- 2000 Rey, S.J. "Industry Clusters in California: Sub regional analytical issues." Presentation to the Director's Office, California Employment Development Department. October. economic economic
- 2000 Rey, S.J. "Identifying Regional Industry Clusters in California." Advisory Committee, California Employment Development Department. April.
- 1999 Rey, S.J. "Space-Time Analysis of Regional Systems: STARS." Center on Computational Science and Engineering. San Diego State University. December.
- 1999 Rey, S.J. "Spatial Analysis of Regional Growth Dynamics." Department of Geography, University of California at Santa Barbara. December.
- 1999 Rey, S.J. "Spatial Markov Modeling of Regional Convergence." Regional Science Program, University of Illinois, Urbana. November.
- 1998 Rey, S.J. "U.S. Regional Income Convergence: A Spatial Econometric Perspective." The Tinbergen Institute. Amsterdam, Netherlands. November.
- 1998 Rey, S.J. "Multiregional Economic Modeling in the US" Seminar, Department of Regional Economics, Universidad Autonoma Coahuila, Coahuila, Mexico, April.
- 1997 "Recent Advances in Regional Economic Modeling" Seminar, Department of Economics, San Diego State University, March.
- 1996 Rey, S.J. and N.C. Clement. "Regional Economic Modeling in Support of Economic Development." Annual Conference of the California State University Auxiliary Organization Association, San Diego, January.
- 1995 Rey, S.J. "The San Diego Economic Information and Modeling Project." San Diego Technology Council, San Diego, CA, May.
- 1995 Weeks, J. and S.J. Rey. "The Results of a Survey of Small Defense Related Firms in San Diego County" The Californias in Transition Seminar, San Diego State University, May.
- 1995 Rey, S.J. "Recent Advances in Regional Socioeconomic Modeling." San Diego Association of Governments, San Diego, CA, April.
- 1994 Rey, S.J. "Integrated Multiregional Modeling for Systems of Small Regions." The Californias in Transition Seminar, San Diego State University, May.

1991 Rey, S.J. "The Spatial Dimensions of Growth Control Analyses." Colloquium, Department of Geography San Diego State University, December 1991.

## Research Grants and Contracts

2008-09 *Spatial Linkages and Urban Economic Development*. Sponsor: Economic Development Administration, U.S. Department of Commerce (\$155,000).

2008-11 *Editorial Office. International Regional Science Review*. Principal Investigator. Sponsor: SAGE Publications Incorporated. (\$124,000).

2008-10 *Comparative Space-Time Dynamics*. Doctoral Dissertation Research. Principal Investigator. Sponsor: National Science Foundation (\$1,500).

2007-09 *Industrial Clusters and Trade*. Sponsor: Department of Education (Subcontract) (\$40,000).

2006-07 *Comparative Regional Income Dynamics: Clustering, Scale, and Geocomputation*. Doctoral Dissertation Research. Principal Investigator. Sponsor: National Science Foundation (\$4,200).

2006-07 *Regional Socieconomic Modeling in Support of Economic Development Networks*. Co-Principal Investigator. Sponsor: Defense Logistics (\$900,000).

2005-06 *Regional Socieconomic Modeling in Support of Economic Development Networks*. Co-Principal Investigator. Sponsor: Defense Logistics Agency (\$1,200,000).

2004-07 *An Exploratory Space-Time Data Analysis Toolkit for Spatial Social Science Research*. Principal Investigator. Sponsor: National Science Foundation. (\$97,000)

2004-06 *Prostate Cancer ESDA and Spatial Statistics*. Co-Principal Investigator. Sponsor: Association of Teachers of Preventative Medicine (ATPM)/Centers for Disease Control Cooperative Agreement Subawards Program (\$758,000)

2004-05 *Regional Socieconomic Modeling in Support of Economic Development Networks*. Co-Principal Investigator. Sponsor: Defense Logistics Agency (\$987,000).

2004-07 *Editorial Office. International Regional Science Review*. Principal Investigator. Sponsor: SAGE Publications Incorporated. (\$60,000)

2002 *Identification of Industrial Clusters in Imperial County*. Principal Investigator. Sponsor: California Center for Border and Regional Economic Studies. (\$8,000).

2001 *Evaluation of Cluster Identification Methods at the Sub-State Scale*. Principal Investigator. Sponsor: California Employment Development Department. (\$30,000).

- 2001 *Design of a Fiscal Impact Analysis Toolkit: FIAT. Principal Investigator.*  
Sponsor: SDSU Defense Conversion Center. (\$15,000).
- 2000 *Open Source Approaches To Spatial Analysis.* Subcontract to Center for Spatially Integrated Social Sciences. (\$5,000).
- 2000 *Analysis of the Visitor Industry Cluster in the San Diego Economy.* Principal Investigator.  
Sponsor: San Diego Workforce Partnership. (\$50,000).
- 1999-03 *Editorial Office. International Regional Science Review.* Principal Investigator.  
Sponsor: SAGE Publications Incorporated. (\$45,000)
- 1999 *Identifying Regional Industrial Clusters in the California Economy.* Principal Investigator.  
Sponsor: California Employment Development Department. (\$20,000).
- 1998-99 *Environmental Accounting for the San Diego-Tijuana Region.* Co-Principal Investigator.  
Sponsor: Southwest Center on Environmental Research and Policy. (\$49,000).
- 1998 *Analysis of the Technician Needs Assessment Survey.* Principal Investigator.  
Sponsor: The San Diego Regional Economic Development Corporation (\$4,000).
- 1988 *The East County Industry Connectory Project,* Consultant.  
Sponsor: The East County Economic Development Corporation (\$2,000).
- 1997-98 *The San Diego Economic Information and Modeling Project.* Co-Principal Investigator.  
Sponsor: Office of Economic Adjustment, U.S. Department of Defense (\$103,000).
- 1997 *The Impact of International Trade on Sub-State Economies.* Principal Investigator.  
Sponsor: College of Arts and Letters Micro-Grants (\$332).
- 1997 *Spatial Econometric Approaches to Simultaneous Equations Systems.* Principal Investigator.  
Sponsor: Faculty Development Program, San Diego State University. Amount (\$4,000).
- 1996 *The Impacts of the San Diego State University on the Regional Economy.* Co-Principal Investigator.  
Sponsor: Office of the Vice President for Academic Affairs, San Diego State University (\$20,000).
- 1995-96 *The San Diego Economic Information and Modeling Project.* Co-Principal Investigator.  
Sponsor: Office of Economic Adjustment, U.S. Department of Defense (\$243,000).
- 1995 *A Review of the San Diego Demographic and Economic Forecasting Model.* Consultant.  
Sponsor: The San Diego Association of Governments (\$4,200).

- 1994-95 *The Economic Studies Project*. Co-principal Investigator.  
Sponsor: Office of Economic Adjustment, U.S. Department of Defense (\$241,592).
- 1993 *Integration of Multiregional Modeling and Geographic Information Systems*. Principal Investigator.  
Sponsor: Research, Scholarly and Creative Activity Awards, College of Arts and Letters, San Diego State University (\$3,885).

## **Professional Associations**

Association of American Geographers  
Regional Science Association International  
Western Regional Science Association

## **Courses Taught**

### **Short and Invited Courses**

Introduction to Exploratory Spatial Data Analysis (West Virginia University)  
Python for Spatial Analysis (University of California, Santa Barbara)

### **Arizona State University**

Geographic Information Analysis  
Geographic Information Science I

### **San Diego State University**

Seminar in Geocomputation and Geovisualization (Co-taught with A. Skupin).  
Open Source Geocomputation  
Seminar on Geographic Research Design  
Advanced Quantitative Methods in Geographic Research  
Regional and Urban Modeling  
Open Source Tools for Geographic Research  
Quantitative Methods in Geographic Research  
Location and Urban Spatial Structure  
Introduction to Geographic Information Systems  
Spatial Data Analysis  
Location of Economic Activities  
Introduction to Human Geography

## **Graduate Thesis Advising**

### **Post Doctoral Positions**

- 2009 Myrna L. Sastré Gutiérrez *Regional Dynamics, Convergence, and Space in Mexico*
- 2005 Juan Carlos Duque. *Integrating Industrial and Spatial Clustering Methodologies.*
- 2005 Oleg Smirnov. *Spatial Analytical Approaches Towards Economic Development.*

### Doctoral In Progress (\*chair)

- Boris Dev.\* *Exploratory Space-Time Analysis of Regional Growth Dynamics.*
- David Folch.\* *Micro-Macro Integration in Urban and Regional Modeling.*
- Xinyue Ye\* *Comparative Space-Time Dynamics.*

### Doctoral Completed

- 2008 Myrna L. Sastré Gutiérrez *Multiregional Dynamic Modeling for a Transnational Region, Mexico-United States: A Space-Time Approach.* (Economics, Universidad Autónoma De Baja California).
- 2007 Jared Aldstadt *Analysis and Modeling of Dengue Virus Transmission in Space and Time.*
- 2006 Mark Janikas.\* *Regional Income Dynamics: Clustering, Scale, and Geocomputation.*
- 2003 Jennifer Miller. *Incorporating Spatial Dependence into Predictive Vegetation Maps.*
- 1999 Scott Munroe. *The Economic and Spatial Dynamics of US Metropolitan Retailing 1972-96.*
- 1999 Lauren Scott. *The Accessible City: Employment Opportunities in Time and Space.*
- 1998 Long Gen Ying. *Modeling the Temporal and the Spatial Dynamics of Chinese Economic Growth.*

### Masters Completed

- 2008 Charles Schmidt.\* *Effects of Irregular Topology in Spherical Self-Organizing Maps.*
- 2008 Philip Stephens.\* *The Spatial Impact of Economic Development Policies: The Case of HUBZones in San Diego California.*
- 2008 Esperbé, Aude. *Towards High-Resolution Self-Organizing Maps of Geographic Features.*
- 2007 Aarthi Ram. *Spatial Algorithms in Python* (Computer Science).
- 2007 Xuening Li.\* *Max-p region based estimation of disease rates.*
- 2007 Maribel Elias.\* *Educational Convergence in Peru.*
- 2006 Valentine, Scott A. *A Study of Hydrologic Response to the Restoration of Trout Creek, Central Sierra Nevada, California.*
- 2005 Funda Emine Sygin. *Estimating the Demand for Air Quality in Southern California: A Hedonic Approach.* (Economics).

- 2005 Kristen Erickson. *Defining Location, Location, Location in East San Diego County: A Case of Spatial Non-stationarity?*
- 2004 Michael Farrel *Modeling Regimes in Watersheds.*
- 2004 Elizabeth Reynolds *Analysis of Woodpecker habitat.* (Biology).
- 2002 Mark Janikas.\* *Integrating a Social Accounting Matrix into a Local Fiscal Impact Analysis Model.*
- 2001 Daniel J. Mattheis.\* *The Spatial and Interindustry Characteristics of Industrial Clusters in the San Diego Region..*
- 2001 Deborah Jones.\* *The Impact of Posted Beach Closures on Coastal Housing Prices: A Spatial Hedonic Price Analysis.*
- 2000 Maritzo Antonetti. *Measuring the Performance of Urban Planning Through Urban Indicators: A Comparative Analysis of Quality of Life, Healthy Cities, and Urban Sustainability.* (Public Administration and Urban Studies).
- 2000 Calvin McNeil. *Crime and space in Los Angeles.* (Economics).
- 1999 Deana Simmons. *Predicting the Effects of Environmental Variables Upon Potential Site Productivity of Chaparral in the Descanso Ranger District.*
- 1998 Brett D. Montouri.\* *Are US Regional Incomes Converging? A Spatial Analysis.*
- 1998 Boris Dev.\* *Integrating Spatial and Interindustry Structure in Dynamic Regional Econometric Models.*
- 1988 Gregg Bohr. *Cold Season Precipitation in the Rocky Mountains: Patterns of Accumulation and Variability.*
- 1996 Frank. P. Cuzzo. *Mandibular Divergence in the Genus Tarsius: Its Relation to Basicranial Breadth.* (Anthropology).
- 1995 Bruce Frank. *Developing a Fire Fuel Modification Plan at Camp Pendleton: Evaluating the Effectiveness of the Use of Preference Analysis Techniques in a Geographic Information System.*
- 1994 Amy Bortman. *An Integrated Spatial Analysis/GIS Procedure for Estimating Suppressed County Employment Data.*
- 1994 Caroline Sallaway. *Evaluation of the Effectiveness of Perceptually Ordered Color Schemes for Maps.*

## Service to University and Community

### Department

- 2007 Chair
- 2006 Chair, Computing Committee  
Chair, Hiring Committee

- Member, Ph.D. Committee
- 2005 Chair, Computing Committee  
Hiring Committee
- 2004 Chair, Computing Committee  
Hiring Committee
- 2003 Chair, Computing Committee
- 2002 Chair, Internal Resource Committee  
Member, Policy Advisory Committee
- 2001 Chair, Internal Resources Committee
- 2000 Chair, Internal Resources Committee
- 2000 Member, Speakers and Community Relations Committee
- 1999 Chair, Personnel Committee  
Member, Policy Advisory Committee  
Member, Ph.D. Committee
- 1998 Member, Policy Advisory Committee  
Member, MA Committee  
Member, Personnel Committee
- 1997 Member, MA Committee  
Member Internal Resources Committee
- 1996 Member, MA Committee
- 1995 Member, Hiring Committee
- 1994 Chair, Speakers and Public Relations Committee

**College**

- 2004 Member, Tenure and Promotion Committee
- 2003 Member, Tenure and Promotion Committee
- 1999 Member, Academic Planning Committee
- 1998 Member, Academic Planning Committee
- 1994 Coordinator, California State University Student Research Conference

**University**

- 2006-08 Member, General Education Task Force
- 2005 Member, Tenure and Promotion Committee, Library

- 2003 Academic Senate
- 2003 College of Arts and Letters Dean Search Committee
- 1998 Technical Advisor, Region Wide Economic Impacts of Higher Education.
- 1996 Co-Principal Investigator: SDSU Economic Impact Report.

**Community**

- 1998 Technical Advisory Panel. Series 9 Demographic and Economic Forecasts. San Diego Association of Governments.
- 1998 Technical Advisory Panel. Evaluating Regional Prosperity. San Diego Association of Governments.

**Profession**

- 2009 Geography and Spatial Sciences Senior Panel Member. National Science Foundation.
- 2005 Scientific Committee. Workshop on Spatial Econometrics. Kiel Institute for World Economics.
- 2005– Councillor, North American Regional Science Association.
- 2005– Board of Directors, Western Regional Science Association.
- 2005 Judge, William H. Miernyk Research Excellence Medal. Southern Regional Science Association.
- 2001 Judge, Regional Science Association International Dissertation Competition.
- 1996– Proposal reviewer, *National Science Foundation*

Journal Referee (not including editorial appointments)

- Annals of Regional Science*
- Economic Systems Research*
- Environment and Planning A*
- European Economic Review*
- Geographical Analysis*
- Geographical Systems*
- Growth and Change*
- International Journal of Geographic Information Systems*
- International Regional Science Review*
- Journal of Applied Econometrics*
- Journal of Economic Geography*
- Journal of Regional Science*
- Papers in Regional Science*
- The Professional Geographer*
- Regional Science and Urban Economics*
- Regional Studies*
- Review of Regional Studies*

July 22, 2009