

# Stuart Sweeney

## Curriculum Vitae

September 2016

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### Education and Qualifications

1990 BA (honors) Urban Studies and Planning University of California at San Diego  
1999 Ph.D. City and Regional Planning University of North Carolina at Chapel Hill

### Academic Appointments

2014- Professor Department of Geography, University of California, Santa Barbara  
2005-2014 Associate Professor Department of Geography, University of California, Santa Barbara  
1998-2005 Assistant Professor Department of Geography, University of California, Santa Barbara

### Administrative Appointments

2012- Director, Institute for Social, Behavioral, and Economic Research  
2014- Chair of Curriculum Committee, Department of Geography  
2014- Executive Committee, UCSB Spatial Center  
2013- Director, UC Evaluation Center  
2014 Director, Social Science Survey Center  
2011-2012 Vice Chair, Department of Geography  
2011-2012 Graduate Advisor and Chair of Graduate Committee, Department of Geography  
2011- Area Director (Spatial Demography and Migration), Broom Center for Demography, UCSB  
2008- Advisory Board, UCSB Survey Center  
2007-2010 Undergraduate Advisor and Chair of Curriculum Committee, Department of Geography  
2004-2006 Chair, Quantitative Methods for the Social Sciences, UCSB Graduate Emphasis

## Publications

### Refereed research papers

1. Kasarda, J., S. Appold, S. Sweeney, and E. Sieff (1997). Central-city and suburban migration patterns: Is a turnaround on the horizon? *Housing Policy Debate* 8(2). 3, 307–358.
2. Rogers, A. and S. Sweeney (1998). Measuring the spatial focus of migration patterns. *The Professional Geographer* 50(2). 6, 232–242.
3. Sweeney, S. and E. Feser (1998). Plant size and clustering of manufacturing activity. *Geographical Analysis* 30(1). 5, 45–64.
4. Sweeney, S. (1999). Model-based incomplete data analysis with an application to occupational mobility and migration accounts. *Mathematical Population Studies* 7(3). 8, 279–305.
5. Feser, E. and S. Sweeney (2000). A test for the coincident economic and spatial clustering of business enterprises. *Journal of Geographical Systems* 2(4). 11, 349–373.
6. Sweeney, S. and K. Konty (2002). Population forecasting with nonstationary multiregional growth matrices. *Geographical Analysis* 34(4). 16, 289–312.
7. Feser, E. and S. Sweeney (2003). Out-migration, depopulation, and the geography of US economic distress. *International Regional Science Review* 26(1). 18, 38.
8. Holmes, K., D. Roberts, S. Sweeney, I. Numata, E. Matricardi, T. Biggs, G. Batista, and O. Chadwick (2004). Soil databases and the problem of establishing regional biogeochemical trends. *Global Change Biology* 10(5). 22, 796–814.
9. Sweeney, S. (2004). Regional Occupational Employment Projections: Modeling Supply Constraints in the Direct-Requirements Approach. *Journal of Regional Science* 44(2). 23, 263–288.

10. Feser, E., S. Sweeney, and H. Renski (2005). A Descriptive Analysis of Discrete US Industrial Complexes. *Journal of Regional Science* **45**(2). 25, 395–419.
11. Soleri, D., D. Cleveland, F. Aragón C, M. Fuentes L, H. Ríos L, and S. Sweeney (2005). Understanding the potential impact of transgenic crops in traditional agriculture: Maize farmers' perspectives in Cuba, Guatemala and Mexico. *Environmental Biosafety Research* **4**(3). 27, 141–166.
12. Sweeney, S. and H. Goldstein (2005). Accounting for migration in regional occupational employment projections. *The Annals of Regional Science* **39**(2). 26, 297–316.
13. Sweeney, S. and K. Konty (2005). Robust point-pattern inference from spatially censored data. *Environment and Planning A* **37**(1). 24, 141–159.
14. Sweeney, S. and E. Middleton (2005). Multiregional cohort enrolment projections: matching methods to enrolment policies. *Population, Space and Place* **11**(5). 28, 361–380.
15. Feser, E. and S. Sweeney (2006). On the State of the Geography in the US Bureau of Labor Statistics Covered Wages and Employment (ES-202) Series. *International Regional Science Review* **29**(3). 30, 247.
16. Roberts, D., P. E. Dennison, S. Peterson, S. Sweeney, and J. Rechel (2006). Evaluation of Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) and Moderate Resolution Imaging Spectrometer (MODIS) Measures of Live Fuel Moisture and Fuel Condition in a Shrubland Ecosystem in Southern California. *J. Geophys. Res. Biogeosciences* **111**(G4). 32, G04S02.
17. Sweeney, S. (2006). The Politics of Small Numbers and Transactions. *International Regional Science Review* **29**(3). 29, 227.
18. Soleri, D., D. Cleveland, G. Glasgow, S. Sweeney, F. Cuevas, M. Fuentes, L. Ríos, et al. (2008). Testing assumptions underlying economic research on transgenic food crops for Third World farmers: Evidence from Cuba, Guatemala and Mexico. *Ecological Economics* **67**(4), 667–682.
19. Nagle, N., S. Sweeney, and P. Kyriakidis (2011). A Geostatistical Linear Regression Model for Small Area Data. *Geographical Analysis* **43**(1), 38–60.
20. Grace, K. and S. Sweeney (2013). Understanding stalling demographic transition in high fertility countries: A case study of Guatemala. *Journal of Population Research* **30**(1), 19–37.
21. Lerner, A., H. Eakin, and S. Sweeney (2013). Understanding peri-urban maize production through an examination of household livelihoods in the Toluca Metropolitan Area, Mexico. *Journal of Rural Studies* **30**, 52–63.
22. Sweeney, S., F. Davenport, and K. Grace (2013). Combining insights from quantile and ordinal regression: Child malnutrition in Guatemala. *Economics and Human Biology* **11**(2), 164–177.
23. Sweeney, S., D. Steigerwald, F. Davenport, and H. Eakin (2013). Mexican Maize Production: Evolving Organizational and Spatial Structures since 1980. *Applied Geography* **39** (May), 78–92.
24. Eakin, H., C. Bausch, and S. Sweeney (2014). Agrarian Winners of Neoliberal Reform: The 'Maize Boom' of Sinaloa, Mexico. *Journal of Agrarian Change* **14**(1), 26–51.
25. Eakin, H., H. Perales, K. Appendini, and S. Sweeney (2014). Selling Maize in Mexico: The Persistence of Peasant Farming in an Era of Global Markets. *Development and Change* **45**(1), 133–155.
26. Grace, K. and S. Sweeney (2014). Pathways to marriage and cohabitation in Central America. *Demographic Research* **30**(6), 187–226.
27. Lerner, A., S. Sweeney, and H. Eakin (2014). Growing buildings in corn fields: Urban expansion and the persistence of maize in the Toluca Metropolitan Area, Mexico. *Urban Studies* **51**(10), 2185–2201.
28. Eakin, H., K. Appendini, S. Sweeney, and H. Perales (2015). Correlates of land use and livelihood change among maize farming households in Mexico. *World Development* **70**, 78–91.
29. Niblett, M., S. Sweeney, R. Church, and K. Barber (2015). Structure of fisher (*Martes pennanti*) habitat in a managed forest in an interior Northern California coast range. *Forest Science* **61**(3), 481–493.
30. Davenport, F., D. Steigerwald, and S. Sweeney (2016). Open trade, price supports, and regional price behavior in Mexican maize markets. *Economic Geography* **92**(2), 201–225.

31. Grace, K. and S. Sweeney (2016). Ethnic dimensions of Guatemala's stalled transition: A parity-specific analysis of Ladino and indigenous fertility regimes. *Demography* 53(1), 117–138.
32. Sweeney, S. and M. Gomez-Antonio (2016). Localization and industry clustering econometrics: An assessment of Gibbs models for spatial point processes. *Journal of Regional Science* 56(2), 257–287.

### Submitted papers

1. Gomez-Antonio, M. and S. Sweeney (2015). "Local public goods and industrial location: A case study for the electronics industry in Madrid." Refereed article (submitted August 2015).
2. Eakin, H., S. Sweeney, A. Lerner, D. Steigerwald, K. Appendini, C. Dewes, H. Perales, F. Davenport, and J. Bausch (2016). "Food system resilience and agricultural change: Agricultural policy, climate trends and market integration in the Mexican maize system". Refereed article (submitted August 2016).
3. Konty, K., S. Sweeney, and S. Day (2016). "Childhood obesity: Longitudinal information, local government, and public policy". Refereed article (submitted May 2016).

### Book chapters

1. Feser, E. and S. Sweeney (2002). "Spatially binding linkages in manufacturing product chains." In: *Global Competition and Local Networks*. Ed. by R. McNaughton and M. Green. 14. Ashgate, pp.111–130.
2. Feser, E. and S. Sweeney (2002). "Theory, methods and a cross-metropolitan comparison of business clustering." In: *Industrial location economics*. Ed. by P. McCann. 15. Edward Elgar Publishing, pp.222–262.
3. Sweeney, S. and E. Feser (2003). "Business location and spatial externalities: Tying concepts to measures." In: *Spatially Integrated Social Science: Examples in Best Practice*. Ed. by M. Goodchild and D. Janelle. 19. Oxford University Press, pp.239–262.

### Government and foundation reports

1. Bergman, E., E. Feser, and S. Sweeney (1996). *Targeting North Carolina manufacturing: Understanding the state's economy through industrial cluster analysis*. Tech. rep. 2. UNC Institute for Economic Development, Chapel Hill, North Carolina.
2. Goldstein, H. and S. Sweeney (1996). *The Effect of Migration on Occupational Employment for States and Substate Areas*. Tech. rep. 1. ALMIS, U.S. Dept. of Labor Report.
3. Feser, E. and S. Sweeney (1998). *Out-migration, population decline, and regional economic distress*. Tech. rep. 7. US Department of Commerce, Economic Development Administration: Washington, DC.
4. Goldstein, H. and S. Sweeney (1998). *Integrating the Effects of Migration into Occupational Employment Projections*. Tech. rep. 4. ALMIS, U.S. Dept. of Labor Report.
5. Goldstein, H. and S. Sweeney (2000). *Demo-Economic Specifications for State Industry Employment Projections*. Tech. rep. 10. Final report to the ALMIS Long-Term Employment Projections, Census Tools Consortium, US Department of Labor, Employment, and Training Administration.
6. Sweeney, S. and H. Goldstein (2001). *Measuring and integrating the effects of migration into state occupational employment projections*. Tech. rep. 12. Final report to the ALMIS Long-Term Employment Projections, Census Tools Consortium, US Department of Labor, Employment, and Training Administration.
7. Sweeney, S. (2002). *The Next Generation of Community Statistical Systems: Data Source Availability and Limitations*. Tech. rep. 17. Shimberg Center for Affordable Housing and Ford Foundation.
8. Sweeney, S. (2003). *Population and Household Projections Methodology for Cities and Subregions*. Tech. rep. 20. Southern California Association of Governments.
9. Sweeney, S. (2009). *Small Area Population and Interregional Migration Estimates*. Tech. rep. Southern California Association of Governments.

## Conference proceedings

1. Leckey, E., B. Tiffany, and S. Sweeney (2003). Cretaceous distribution patterns of herbivorous dinosaurs and vascular plants. In: *PaleoBios*. 21, pp.23: 5.
2. Sweeney, S. and K. Grace (2012). Regression analysis of anthropometry data: A simulation study of a two-stage estimator. In: *Proceedings of the Joint Statistical Meetings, American Statistical Association, Health Policy Statistics Section*. <http://www.amstat.org/meetings/jsm/2012/proceedings.cfm>.

## Conference presentations

1. *Theoretical and Econometric Assumptions in Regional Employment Growth Models and Their Effect on Model Interpretation and Specification* (1995). Southern Regional Science Association Meetings.
2. *Geographic Clustering Among Linked Producers: An Application of Second-Order Analysis for Inhomogeneous Populations*. (1996). Association of American Geographers Annual Meeting.
3. *Testing for Geographic Clustering of Establishments by Size and Type* (1996). North American Meetings of the Regional Science Association International.
4. *The Demographic and Geographic Structure of Occupational Migration* (1996). North American Meetings of the Regional Science Association International.
5. *Are Americans Migrating Less But with Greater Spatial Focus?* (1997). Western Regional Science Association Meetings.
6. *Interstate and Sub-state Occupational Migration: Econometric Models with Occupation-Specific Explanatory Variables* (1997). Western Regional Science Association Meetings.
7. *Estimation of Occupational Mobility and Migration from Incomplete Data* (1998). Association of American Geographers Annual Meeting.
8. *The Effect of Regional Out-migration on Job Openings by Occupation* (1998). European Regional Science Association Meeting.
9. *Out-migration, Depopulation, and Regional Economic Distress: Spatial and Temporal Sensitivity Analysis* (1999). Western Regional Science Association Meetings (awarded Springer-Verlag Award).
10. *Regional Occupational Employment Projections: Modeling Supply Constraints in the Direct-Requirements Approach* (2000). Western Regional Science Association Meetings.
11. *Theory, methods, and a cross-section comparison of business clustering* (2000). North American Meetings of the Regional Science Association International.
12. *Modeling non-stationarity transition probabilities in multiregional population projections* (2001). Annual Meetings of the Association of American Geographers.
13. *CSISS Workshops: Diffusing spatial concepts and methods* (2002). Association of American Geographers Annual Meeting.
14. *On spatialization and migration models* (2002). Association of American Geographers Annual Meeting.
15. *Space-time analysis of industry concentration* (2002). North American Meetings of the Regional Science Association International.
16. *Modeling spatial-temporal structures in migration systems* (2003). North American Meetings of the Regional Science Association International.
17. *Small area population projections using stochastic simulation* (2003). Association of American Geographers Annual Meeting.
18. *Small area population projections using stochastic simulation* (2003). Annual Meeting, Population Association of America.
19. *Stratified thinning of spatial point patterns: a cautionary tale of inference on spatially censored data* (2003). Western Regional Science Association Meetings.
20. *Space-time analysis of industry concentration*. (2004). Western Regional Science Association.
21. *Sub-district enrollment projections using student level records* (2004). Annual Meeting, Population Association of America.

22. *Intraurban Industrial Location under Institutional and Accessibility Constraints: An Empirical Approach*. (2008). Western Regional Science Association.
23. *Informal and formal union formation in three Central American countries*. (2009). Annual meeting, Population Association of America.
24. *Mexican Maize Production: Evolving Organizational and Spatial Structures since 1980*. (2010). Association of American Geographers Annual Meeting.
25. *Fertility assimilation behavior of Los Angeles immigrants*. (2011). Annual meeting, Population Association of America.
26. *Mexican Maize Production: Evolving Organizational and Spatial Structures since 1980*. (2011). Western Regional Science Association.
27. *Assessing immigrant fertility adaptation: Recurrent event models of birth and migration histories*. (2012). SAM 2012 workshop: The statistical analysis of multi-outcome data. Paris, France.
28. *Parity transitions during a stalled fertility decline: the case of Guatemala*. (2012). European Population Conference, Stockholm, Sweden.
29. *Regression analysis of anthropometry data using ordinal and quantile models*. (2012). Joint Statistical Meetings, San Diego, California.
30. *Small Area School Enrollment Forecasting with Stochastic Siting Under Capacity Constraints*. (2012). Annual meeting, Population Association of America.
31. *On the utility of Gibbs models for refined assessment of localization economies: An application to the Madrid electronics industry*. (2013). 52nd Annual Meeting of the Western Regional Science Association.
32. *Open trade, price supports, and regional price behavior in Mexican maize markets*. (2013). 52nd Annual Meeting of the Western Regional Science Association.
33. *Recent Child and Adolescent Obesity Patterns in NYC: A Quantile/Binary Regression Analysis*. (2013). Annual meeting, Population Association of America.
34. *Structure of fisher (*Martes pennanti*) habitat in a managed forest in an interior Northern California coast range habitat*. (2013). 52nd Annual Meeting of the Western Regional Science Association.

### Invited lectures

1. *Model-based Estimation of Occupational Migration and Mobility Accounts from Incomplete Data* (1998). UCSB, Department of Geography, Colloquium.
2. *Out-migration and Regional Economic Distress* (1998). **Invited Speaker**. U.S. Economic Development Administration, Chicago Regional Conference.
3. *Out-migration and Regional Economic Distress* (1999). **Invited Speaker**. U.S. Economic Development Administration, Denver Regional Conference.
4. *Planning Decline: Lessons from Nation's Heartland* (1999). UCLA, Department of Geography, Colloquium.
5. *Methodologies for measuring industry clusters* (2000). **Invited Speaker**. World Bank, Washington, DC office.
6. *Introduction to CSISS/ADEPT* (2001). **Invited Speaker**. U.S. Department of Housing and Urban Development, Division of Planning, Development, and Research.
7. *Using Geocoded ES-202 Data for Policy-related Research* (2001). **Invited Speaker**. Plenary Session on Innovations in Labor Market Research, 2001 U.S. Bureau of Labor Statistics National LMI Conference, Reaching New Heights in Labor Market Information, Asheville, NC.
8. *Enabling spatial demography: A review of tools and resources* (2002). **Invited Speaker**. Southern Demographic Association.
9. *Enabling spatial demography: concepts, tools, and resources* (2002). **Invited Speaker**. Demography Seminar, University of Wisconsin, Madison.
10. *On modeling change in migration systems* (2002). **Invited Speaker**. Migration Speaker Series, U.S. Census Bureau.

11. *Population forecasting with non-stationary multiregional growth matrices* (2002). **Invited Speaker.** Quantitative Methods for Social Sciences, UCSB.
12. *Small area population projections using stochastic simulation* (2002). **Invited Speaker.** Applied Demography Seminar, University of Wisconsin, Madison.
13. *Sub-county trend projection methodology: population and households* (2002). **Invited Speaker.** Southern California Association of Governments.
14. *Enabling spatial demography: concepts, tools, and resources* (2003). **Invited Speaker.** CSISS Workshop, Population Science and GIS, Pennsylvania State University.
15. *Population distribution from remote sensing* (2003). **Invited Session Chair.** Conference on Migration, Urbanization, and Health: The Role of Remote Sensing and Geographic Information Systems for Monitoring, Surveillance, and Program Evaluation, Princeton University.
16. *Modeling spatial-temporal structures in migration systems: Towards integrated analysis and visualization of transaction data* (2004). **Invited Speaker.** Department of Geography, San Diego State University, Colloquium.
17. *Space and place in social science research methodology* (2004). **Invited Lecture.** SPACE Workshop, UC Santa Barbara.
18. *Spatial analysis: An overview of methods for space-time analysis of stocks and transaction flows* (2004). **Invited Speaker.** Globalization in the World-System: Mapping Change over Time, U.C. Riverside.
19. *Spatial social science: Course planning and lecture examples* (2004). **Invited Lecture.** SPACE Workshop, UC Santa Barbara.
20. *Parameter-constrained models of space-time migration structure* (2005). **Invited Lecture.** UI Regional Science Lecturer, University of Illinois, Urbana-Champaign.
21. *From Pure Stoke to Pure Learning: The Geography of Surfing* (2006). **Invited Lecture** Parents and Family Weekend, UC Santa Barbara.
22. *Integrating Spatial Perspectives into Undergraduate Social Science Education* (2006). **Invited Speaker.** SPACE Workshop, UC Santa Barbara.
23. *Introduction to Spatial Analysis* (2006). **Invited Lecture.** Population Science and GIS Workshop, UC Santa Barbara.
24. *Regional Industry Cluster Analysis Using Spatial Concepts* (2006). **Invited Lecture.** ACCRA's 46th Annual Conference, Charlotte, North Carolina.
25. *Student mobility under school choice: A multi-method approach to understanding the impacts of open enrollment policies* (2006). **Invited Lecture.** Department of City and Regional Planning, Cornell University.
26. *Student mobility under school choice: A multi-method approach to understanding the impacts of open enrollment policies* (2006). **Invited Speaker.** Public Policy Institute of California.
27. *ESEBA: Exploratory Spatial Economic Base Analysis* (2007). **Invited Lecture** ACCRA Economic Extension Agent Training Conference, University of Illinois, Champaign-Urbana.
28. *From Pure Stoke to Pure Learning: The Geography of Surfing* (2007). **Invited Lecture** Parents and Family Weekend, UC Santa Barbara.
29. *From Pure Stoke to Pure Learning: The Geography of Surfing* (2007). **Invited Lecture** Rotary Club of Santa Barbara.
30. *Applied Spatial Econometrics.* (2008). **Seminar Speaker.** Public Policy Institute of California.
31. *From Pure Stoke to Pure Learning: The Geography of Surfing* (2008). **Invited Lecture** Parents and Family Weekend, UC Santa Barbara.
32. *From Pure Stoke to Pure Learning: The Geography of Surfing* (2009). **Invited Lecture** Parents and Family Weekend, UC Santa Barbara.
33. *Shifting regional patterns of Mexican maize production: understanding the context of livelihood risks from international market integration, climate change, and domestic government policies.* (2009). **Colloquium Speaker.** University of Redlands, MS GIS Program.

34. *Shifting regional patterns of Mexican maize production: understanding the context of livelihood risks from international market integration, climate change, and domestic government policies.* (2009). **Colloquium Speaker.** UCSB, Department of Geography.
35. *Shifting regional patterns of Mexican maize production: understanding the context of livelihood risks from international market integration, climate change, and domestic government policies.* (2009). **Colloquium Speaker.** Max Plank Institute for Demographic Research, Rostok, Germany.
36. *Spatial Econometrics Lecture.* (2009). **Seminar Speaker.** Max Plank Institute for Demographic Research, Rostok, Germany.
37. *Spatial Econometrics Lecture.* (2009). **Seminar Speaker.** Department of Sociology, University of Groningen.
38. *Fertility assimilation behavior of Los Angeles immigrants.* (2011). **Invited Lecture.** Department of Urban and Regional Planning, University of Illinois, Urbana-Champaign.
39. *Convergence/divergence of immigrant fertility behavior: Does region of origin matter?* (2012). **Invited Lecture.** Broom Demography Colloquium. UC Santa Barbara.
40. *Migratory Ruminants.* (2012). **Invited Lecture/Participant.** Measuring People in Place. Specialist Meeting. University of Colorado, Boulder.
41. *“Dude, Where’s My Blank?” Manufacturing Surfboards in Slippery Space.* (2013). **Lay James Gibson Plenary Opening Session.** 52nd Annual Meeting of the Western Regional Science Association.
42. *Regression analysis of anthropometry data using ordinal and quantile models.* (2013). **Invited Lecture.** Quantitative Methods in the Social Sciences Colloquium. UC Santa Barbara.

## Grants and Contracts

1998-99	\$50,000	co-PI.	<i>Identifying Maya Archaeological Sites in the El Pilar Region.</i> UCSB Office of Research
1999-00	\$49,877	P.I.	<i>Measuring and Integrating the Effects of Migration into State Occupational Employment Projections.</i> U.S. Department of Labor
1999-00	\$1,000	P.I.	<i>UCSB, Faculty Mini-grant</i>
2000-03	\$69,869	P.I.	<i>Spatial Clustering Among U.S. Business Enterprises</i> National Science Foundation, Geography and Regional Science
2000-01	\$2,400	P.I.	<i>Analysis of feasibility and benefits of a UCSB/HUD spatial data partnership.</i> U.S. Department of Housing and Urban Development, Office of Policy Development and Research
2001	\$2,500	P.I.	<i>UCSB, Drug-awareness faculty mini-grant</i>
2001	\$5,000	P.I.	<i>UCSB Junior Faculty Research Incentive Award</i>
2001-03	\$74,921	P.I.	<i>Sub-county population and housing projections</i> Southern California Association of Governments
2001-03	\$16,251	P.I.	<i>Divining the Future of S.B. Schools: Enrollment Forecasts, Capital Planning, and Educational Equity.</i> Pearl Chase Fund, UCSB Academic Senate
2003-04	\$24,998	P.I.	<i>Open enrollment and housing choice: Factors underlying assignment-enrollment mismatches in Santa Barbara elementary schools.</i> Pearl Chase Fund, UCSB Academic Senate
2003-04	\$12,511	P.I.	<i>An integrated software environment for enhanced geography education.</i> UCSB Instructional Resources, Instructional Improvement Grant
2005	\$2,972	P.I.	<i>Globalizing Surfboard Manufacturing: From Craft Industry to Off-shore Production.</i> U.C. Office of the President, Pacific Rim Research Program
2005-08	\$100,000	P.I.	<i>Intraurban industrial location under accessibility and institutional constraints.</i> National Science Foundation, Geography & Regional Science
2008-10	\$21,425	co-PI	<i>Agricultural diversity and sustainable development in China and Mexico: Farmer, genetic diversity and transgenic crops in the centers of crop origin and diversity.</i> UC Pacific Rim Research Program
2008-12	\$627,316	co-PI	<i>AOC: Market integration and climate as drivers of change in the Mexican Maize System: Multi-scale interactions in livelihood and land use change.</i> National Science Foundation, Human Social Dynamics
2013-14	\$12,000	PI	<i>Central American fertility in Los Angeles translation: Informing statistical models with qualitative context.</i> UC Center for New Racial Studies

## Consulting Contracts

2008-09	\$24,499	P.I.	<i>Demographic projection model enhancement.</i> Southern California Association of Governments
2009-10	\$35,000	P.I.	<i>Demographic projection model enhancement and small area enrollment model development.</i> Southern California Association of Governments



## Professional Associations and Service

### Academic Journals

Editorial Board Spatial Demography (2011-)  
 Editorial Board Geographical Analysis (2004-08)  
 Guest Editor International Regional Science Review (2006)  
 Referee Annals of the Association of American Geographers; Economic Geography; Environment and Planning A; Environment and Planning B; Geographical Analysis; International Regional Science Review; International Journal of Urban and Regional Research; Journal of Regional Science Journal of Geographical Systems; Journal of Geography; Location Science; Mathematical Population Studies; Demography; Population Research and Policy Review; Papers in Regional Science; Annals of Regional Science; Regional Studies; Professional Geographer; Population and Environment; Journal of Population Research; Demographic Research; Applied Geography; Computers, Environment, and Urban Systems.

### National Science Foundation

Proposal Reviews Geography and Regional Science; Geography and Spatial Sciences; Economics  
 Panelist Human Social Dynamics; Geography and Regional Science Senior Panel; Geography and Spatial Sciences DDRI Panel; Mathematics, Measurement, and Statistics  
 Panelist NIH Social Sciences and Population Studies

### University Committees

1998-01 Department of Geography, Entertainment Committee  
 1998-03 Department of Geography, Colloquium Committee  
 1999-03 Affiliated Faculty/Faculty Advisor, Quantitative Methods for Social Sciences, UCSB  
 1999-03 UCSB Faculty Legislature  
 1999-03 Executive Committee, Center for Spatially Integrated Social Sciences  
 2001-03 Advisory Committee, Community Statistical Systems, Shimberg Center/Ford Foundation  
 2002-03 Diversity Committee, Department of Geography  
 2002-03 Member, Population Geography Search Committee, Department of Geography  
 2003-04 Steering Committee, Quantitative Methods for the Social Sciences, UCSB  
 2005-07 Member, UCSB Graduate Council  
 2005-06 Member, UCSB Student Affairs Committee  
 2005-07 Chair, UCSB Outstanding Graduate Mentorship Award Committee  
 2006-07 Chair, UCSB Student Affairs Committee  
 2006-10 Chair, Curriculum Committee, Geography  
 2009-10 Member, Broom Endowed Chair of Social Demography Search Committee, Division of Social Sciences, UCSB  
 2010-11 Foundation Committee for the Broom Center for Demography , Division of Social Sciences, UCSB  
 2009-10 Faculty Representative, New Pool Committee, Intercollegiate Athletics, UCSB  
 2011-12 Chair, Graduate Committee, Geography  
 2012-13 Advisory Committee, Broom Center for Demography, UCSB  
 2012-13 Member, Graduate Committee, Geography  
 2012-13 UCSB Graduate Division, Central Fellowships Committee  
 2012-13 Ex-Officio Member, Institute for Social, Behavioral, and Economic Research, Advisory Committee  
 2012-13 Organizer, *Immigration and the Family: New Developments and Perspectives*, Broom Center Workshop  
 2015- Member, Committee on Committees

**Other Activities**

- 1998 Participant, NCGIA Varenius Workshop, Status and Trends in Spatial Analysis
- 1999 Attendee, Opening Celebration, California Census Research Data Center, UCLA
- 1999 Participant, National Science Foundation Regional Grants Conference, USC
- 1999 Attendee, American Statistical Association Regional Lecture Series, Spatial Statistics
- 2000 Participant, CSISS National Workshop, Bayesian Analysis in the Social Sciences, University of Washington
- 2000 Participant, CSISS Specialist Meeting on Inequality & Equity
- 2001 Participant, CSISS Specialist Meeting on Externalities
- 2001 Participant, CSISS Specialist Meeting on Location-Based Services
- 2002 Invited Participant, ACS Workshop, Developing Research Methodologies That Integrate Administrative Records with Summary Statistics from the American Community Survey, Jacob France Institute, University of Baltimore.
- 2002 Participant, California Demography Workshop, University of Southern California
- 2002 Participant, CSISS Specialist Meeting on Spatial Data Analysis Software Tools
- 2002 Program Committee, North American Meetings of the Regional Science Association Int.
- 2003 Program Committee, Western Regional Science Association Meetings
- 2003 Participant, CSISS Specialist Meeting on Spatial and Social Interactions in Economics
- 2003 Lecturer, CSISS National Workshop, Population Science and GIS, Pennsylvania State University.
- 2004 Coordinator and Lecturer, SPACE Workshop, Spatial Analysis for the Undergraduate Social Science Curriculum, UC Santa Barbara.
- 2005 Coordinator and Lecturer, SPACE Workshop, Spatial Analysis for the Undergraduate Social Science Curriculum, UC Santa Barbara.
- 2005 Consultant and Lecturer, GIS and Population Science, funded by NICHD.
- 2006 Coordinator and Lecturer, SPACE Workshop, Spatial Analysis in the Social Science Curriculum: Enhancing Undergraduate Learning, UC Santa Barbara.
- 2006 Consultant and Lecturer, GIS and Population Science, funded by NICHD.
- 2007 Coordinator and Lecturer, SPACE Workshop, Spatial Analysis in the Social Science Curriculum: Enhancing Undergraduate Learning, UC Santa Barbara.
- 2012- Volunteer, New York City, Department of Public Health, Epidemiological Services Unit
- 2012- Member, NCEAS Working Group on Water Sustainability and Borderland Urban Demography

**Graduate Training****Doctorates**

Nicholas Nagle	(Ph.D. awarded 2005)	<i>Continuous Field Statistical Methods for Spatial Analysis in the Social Sciences</i> . Awarded 2004 Benjamin Stevens Fellowship. Assc. Prof. of Geography, University of Tennessee, Knoxville. Researcher, Oak Ridge National Lab.
Erin Middleton	(Ph.D. awarded 2007)	<i>Toward a Behavioral Model of School Choice</i> . Research Staff, Los Alamos National Laboratory, New Mexico.
Kathryn Grace	(Ph.D. awarded 2008)	<i>Three essays on fertility in Guatemala</i> . Assistant Professor of Geography, University of Minnesota.
Meri Marsh	(Ph.D. awarded 2009)	<i>Spatial concepts: What should students know, what do they know, and how can we know that they know?</i> [Note: Took over as Chair after Reg Golledge passed away.] Assistant Professor, Lindenwood University, St. Charles, Missouri.
Amy Lerner	(Ph.D. awarded 2011)	<i>Landscapes and livelihoods on the urban fringe: Implications for food production in Central Mexico</i> . Assistant Professor, National Autonomous University of Mexico.
Frank Davenport	(Ph.D. awarded 2013)	<i>Three essays on time varying spatial price behavior and correlation structures</i> . Researcher, UCSB Climate Hazards Group.
Candida Dewes	(Ph.D. awarded 2013)	<i>Mexican maize production under climate uncertainty: A systematic assessment of potential system impacts</i> . Research Scientist, North Central Climate Science Center, U.S. Department of Interior.
Kevin Konty	(ABD)	<i>Space, Place, and Health: Spatial Methodologies in Public Health Practice</i> . Director of Methodology, New York City, Department of Public Health, Epidemiological Service Branch.
Jacqueline Banks	(Expected Completion 2018)	<i>Women's Empowerment and Fertility Choices in Dakar, Senegal</i>
Jessica Marter-Kenyon	(Expected Completion 2018)	<i>Resettlement as Adaptation? Planned Population Relocation in an Era of Global Environmental Change</i>
Sarah Blakeley	(Expected Completion 2020)	<i>Agriculture, food security, and climate variability in West Africa</i>
Michelle Oyewole	(Expected Completion 2018)	<i>Community gardens, greenspace, and health disparities in NYC</i>

**Masters**

Nicholas Nagle	(M.A. awarded 2002)
Erin Middleton	(M.A. awarded 2004)
Anthony Marca	(MA awarded 2006)
Frank Davenport	(MA awarded 2008)
Tammy Elwell	(MA awarded 2010)
Maximilian Stiefel	(MA in progress)

**Committee Membership (Masters):** Alagona (2000), Morais (2001), Domas (2002), Onsted (2002), Sexton (2002), Marsh (2003), Holland (2006), Rumbley (2007), Murawski (2007), Deutsch (2008), Dalal (2009), Brachman (2009), M. Niblett (2009), Isbell (2009), Himden (2009), Tran (2011), T. Niblett (2013), Jensen (2013), Vitale (2013), Bounds (2014), In Progress – Baez.

**Committee Membership (Ph.D.):** Dietzel (2005), Corrigan (2005), Janikas (2006, SDSU), Kooshabeh (2009, Psychology), Robinson (2009), Medwick (2011, Education, Penn), Stoler (2012, SDSU), Crotty (2012, SDSU), Royal (2012), Brachman (2012), Deutsch (2013); In Progress – Goode (SDSU), M. Niblett, T. Niblett, Ravulaparthi, Dev (ASU, Geography), Hartman, Colley (SDSU), Carter (SDSU), Kennedy (SDSU), McAllister (Anthropology).

**Undergraduate/Graduate Instruction (since 2006)**

Undergraduate GEOG 5: *People, Place, and Environment* (2007, enrollment 199), GEOG 20: *Geography of Surfing* (2007–13, avg. enrollment 450), GEOG 20H: *Field Studies in Surfing* (2007–09, avg. enrollment 13), GEOG 109: *Economic Geography* (2007, enrollment 19), GEOG172: *Geographical Data Analysis* (2007,2009,2011, avg. enrollment 25), GEOG 185C: *Regional Economic Analysis* (2008, enrollment 11),

Graduate GEOG 224: *Methods of Regional Analysis* (2008, 2012, enroll. 5), GEOG 241C: *Formal Demography* (2010, 2012, avg. enrollment 5), GEOG 288SS *Agriculture & Development* (2007, enrollment 5)