

BIOGRAPHICAL SKETCH

Stuart H. Sweeney, Ph.D.

Department of Geography, University of California, Santa Barbara

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PROFESSIONAL PREPARATION

University of California, San Diego, Urban Studies and Planning, B.A., 1990

University of North Carolina, Chapel Hill, City and Regional Planning, Ph.D., 1999

APPOINTMENTS

Associate Professor, Dept. of Geography, University of California, Santa Barbara, 2005-present
Chair, Quantitative Methods in Social Sciences, Graduate Emphasis, University of California,
Santa Barbara 2004-present

Assistant Professor, Dept. of Geography, University of California, Santa Barbara, 1998-2005

SELECTED PUBLICATIONS

(i) Most relevant publications (5)

Sweeney, S. and E. Middleton 2005. "Multiregional cohort enrollment projections: Matching methods to enrollment policies." *Population, Place, and Space* 11 (In Press, Accepted 2/18/2005)

Sweeney, S. and K. Konty. 2005. "Robust point pattern inference for spatially censored data." *Environment and Planning A*. 37: 141-159.

Feser, E., S. Sweeney, and H. Renski. 2005. "A descriptive analysis of discrete U.S. industrial complexes." *Journal of Regional Science* 45(2): 395-419.

Sweeney, S. and E. Feser. 2003. "Business location and spatial externalities: Tying concepts to measures." in *Spatially Integrated Social Science: Examples in Best Practice*, edited by M. Goodchild and D. Janelle. Oxford University Press. Pp. 239-262.

Feser, E. and S. Sweeney. 2000. "A test for coincident economic and spatial clustering among business enterprises." *Journal of Geographical Systems* 2: 349-373.

(ii) Other selected publications (5)

Sweeney, S. 2004. "Regional occupational employment projections: Modeling supply constraints in the direct-requirements approach." *Journal of Regional Science* 44(2): 263-288.

Feser, E. and S. Sweeney. 2002. "Theory, methods, and a cross-section comparison of business clustering." *Industrial Location Economics*, edited by P. McCann. Edgar Elgar. Pp. 222-262.

Sweeney, S. and K. Konty. 2002. "Population forecasting with nonstationary multiregional growth matrices." *Geographical Analysis* 34(4): 289-312.

Sweeney, S. 1999. "Model-based incomplete data analysis with an application to occupational mobility and migration account." *Mathematical Population Studies* 73(3): 279-305.

Sweeney, S. and E. Feser. 1998. "Plant size and clustering of manufacturing activity." *Geographical Analysis* 30(1): 45-64.

SYNERGISTIC ACTIVITIES

- Coordinator and instructor, *Spatial Analysis for the Undergraduate Social Science Curriculum*, July 12-23, 2004. A two-week workshop funded by NSF's Division of Undergraduate Education through a multi-year grant to Spatial Perspectives on Analysis for Curriculum Enhancement (SPACE).
- Chair, *Quantitative Methods in the Social Sciences*, elected July 2004. An interdisciplinary graduate emphasis at U.C. Santa Barbara that pools faculty and student resources to facilitate training and development of students interested in quantitative approaches to social science analysis. Prior to my election as chair I served two years as a member of the Coordinating Committee.

SYNERGISTIC ACTIVITIES (cont.)

- Executive Committee member, Center for Spatially Integrated Social Sciences, 1999-2004
Organized sessions and conference presentations at North American Regional Science Association International meetings, Southern Demographic Association meetings, Association of American Geographers meetings, Population Association of America meetings. Acted as an instructor at the CSISS National Workshop, *Population Science and GIS*, Penn State University, 2003.
- P.I. on a UCSB Instructional Improvement Grant (\$12,500) “An Integrated Software Environment for Geography Education.” The major activity is the development of MATLAB based software modules that are encapsulated as COM files for use in the undergraduate curriculum. This will allow undergraduates to experiment with complex geographic models and interpret the model results without having to make a major investment in learning a coding language.
- Editorial board member of *Geographical Analysis* and guest editor for *International Regional Science Review*, NSF proposal reviewer (Geography & Regional Science; Economics) and NSF panelist.

RESEARCH COLLABORATORS

Luc Anselin (UIUC), Edward Feser (UIUC), Harvey Goldstein (UNC-CH), Kevin Konty (UCSB Geography), Peter Kuhn (UCSB Economics), Erin Middleton (UCSB Geography), Nicholas Nagle (UCSB Geography), Henry Renski (UNC-CH), Serge Rey (SDSU), Raymond Wong (UCSB Sociology), John Yun (UCSB School of Education).

CO-EDITORS: None

GRADUATE ADVISOR: Harvey Goldstein (UNC Chapel Hill)

THESIS ADVISEES: Kevin Konty (UCSB), Erin Middleton (UCSB), Nicholas Nagle (UCSB), Anthony Marca (UCSB), Karen McNeany (UCSB)

GRADUATE STUDENTS: (5)