

Human Geography: Identifying Spatial Effects

A Geography Colloquium Presentation by

Art Getis

Thursday, April 7, 3:30-4:45, 1930 Buchanan

“This is a semi-technical talk that discusses what is meant by spatial effects, finds them by means of spatial filtering, and gives examples from a study on demographic patterns in Cairo.”

Bio:

Arthur Getis is a Distinguished Professor of Geography, Emeritus, at San Diego State University. He holds BS and MS degrees in Geography from The Pennsylvania State University and a Ph.D. in Geography from the University of Washington, and his areas of research include spatial statistics, pattern analysis, urban geography, disease and crime clustering, and geographic information sciences. As a student of William Garrison at UW, Getis was one of the original leaders in launching the “quantitative revolution” in Geography, and he has remained a prominent leader throughout his career. Getis has published widely in a range of geography, regional science, and epidemiology journals, and his text (with J. Getis and J.D. Fellmann), *Introduction to Geography*, now in its 11th edition, is the best-selling text in the introductory field of Geography. He has produced over 100 refereed papers and 11 books. With the statistician, J.K. Ord, his work on local statistics is well-known throughout the world. His research in spatial analysis and infectious diseases has been funded by the National Science Foundation and the National Institutes of Health. Dr. Getis' program of research develops new spatial analytic devices and applications in a number of fields, chief among them being the transmission of infectious diseases and the spatial variability of health. Dr. Getis is editor-in-chief of the *Journal of Geographical Systems*, he won the Distinguished Scholarship Award from the Association of American Geographers in 2002, he was elected a Fellow of the Regional Science Association International in 2005, he won the GISSG Aangeenbrug Award in 2008, and in 2010 he was awarded University Consortium of Geographic Information Science (UCGIS) Fellow status to recognize his outstanding impact on the field of GIScience as well as for his service to UCGIS.