

Gang Gong

Assistant Professor of Geography
Department of Geography and Geology
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EDUCATION

Ph.D. in Geography, Boston University, 2006
M.A. in Geography, Boston University, 2003
B.Sc. in Geography, Peking University, 1995

AREAS OF SPECIALIZATION

Human geography, census geography, population analysis
Transportation geography, spatial interaction, and location analysis
Geographic Information Systems and spatial analysis
Quantitative methods in geography, spatial statistics
Remote sensing, digital image processing
Crime mapping analysis

POSITIONS

2011 – Present, Associate Professor of Geography, Sam Houston State University
2005 – 2011, Assistant Professor of Geography, Sam Houston State University
1998 – 2005, Research and Teaching Fellow, Boston University

PEER-REVIEWED ARTICLES

- 2010 Leipnik, M., and **Gong, G.** Spatial Diversification: The Concept and Its Application to General Growth Properties Investment Portfolio. *Business Studies Journal* 2: 49-62.
- 2010 **Gong, G.**, and Strait, J., Census Tract and Spatial Analysis. *Papers of the Applied Geography Conferences* 33: 333-42.
- 2010 **Gong, G.**, and Hallonquist, J., Population Growth, Wildland-Urban Interface, and Wildfire in the Greater Austin, Texas. *Papers of the Applied Geography Conferences* 33: 298-307.
- 2010 Leipnik, M., and **Gong, G.**, Spatial Diversification. *Proceedings of the General Business Conference*: 431-442.
- 2010 Strait, J., and **Gong, G.**, Ethnic Diversity in Houston, Texas: The Evolution of Residential Segregation in the Bayou City, 1990-2000. *Population Review* 49 (1): 53-81.
- 2010 **Gong, G.**, From Beats to Tracts: A Remote Sensing Approach to the Interpolation of Crime Data. *International Journal of Applied Geospatial Research* 1 (2): 90-104.
- 2009 Leipnik, M., and **Gong, G.**, Business Applications of Geo-Spatial Technologies. *Business Studies Journal* 1: 7-29.
- 2009 Leipnik, M., and **Gong, G.**, Use of Geospatial Technologies in General Business. *Proceedings of the General Business Conference*: 379-397.
- 2009 **Gong, G.**, Visualization of Land Survey Records Using GIS. *Papers of the Applied Geography Conferences* 32: 372-81.
- 2009 **Gong, G.**, An analysis of air travel at Boston: 2001-2007. *The Northeastern Geographer* 1: 59-70.

- 2009 **Gong, G.**, and Tiller, J., Exploring Vegetation Patterns along an Undefined Boundary: Eastern Harrison County, Texas, Late Spring, 1838. *Social Science Computer Review* 27: 363-79.
- 2008 Strait, J., and **Gong, G.**, Poverty evolution in the capital of the Sunbelt: an investigation of neighborhood-level poverty among racial and ethnic groups within Houston, Texas; 1990-2000. *The Southwestern Geographer* 12: 40-70.
- 2008 Liu, C., Golding, D., and **Gong, G.**, Farmers' Coping Response to the Low-Flows in the Lower Yellow River: A Case Study of Temporal Dimensions of Vulnerability. *Global Environmental Change* 18: 543-53.
- 2008 **Gong, G.**, Spatial Interpolation of crime data using satellite imagery. *Papers of the Applied Geography Conferences* 31: 244-53.
- 2007 Strait, J., **Gong, G.**, and Williams, C., The dynamics of residential segregation among racial and ethnic groups in New Orleans, Louisiana; 1990-2000. *The Southeastern Geographer* 47 (2): 254-282.

BOOK CHAPTERS

- 2007 **Gong, G.**, and Leipnik, M., Use of Remotely Sensed Imagery in Cyber Warfare and Cyber Counter Terrorism. In L.J. Janczewski & A.M. Colarik (Eds.), *Encyclopedia of Cyber Warfare and Cyber Terrorism*. Hershey: Information Science Reference.
- 2005 Anderson, W.P., **Gong, G.**, and Lakshmanan, T. R., Competition in a deregulated market for air travel: the U.S. domestic experience and lessons for global markets. In A. Kanafani & K. Kuroda (Eds.), *Global Competition in Transportation Markets: Analysis and Policy Making*. Oxford: Elsevier.

PEER-REVIEWED CONFERENCE PRESENTATIONS

- 2010 Leipnik, M., and Gong, G. Spatial diversification: the concept and application to general growth properties investment portfolio. The Second Annual General Business Conference, Huntsville, Texas, April 9-10.
- 2009 Gong, G. From police beat to census tract: areal interpolation of crime data. The Tenth Crime Mapping Research Conference, New Orleans, Louisiana, August 19-22.
- 2009 Leipnik, M., and Gong, G. Business applications of Geo-Spatial technologies. The First Annual General Business Conference, Huntsville, Texas, April 17-18.

GRANTS

- 2008-2009 Principal Investigator, "The Spatiotemporal Dynamics of Houston Urban Landscape", Enhanced Grant for Research, Sam Houston State University, \$14,304.

REVIEWER FOR ORGANIZATIONS/JOURNALS / CONFERENCES

NATIONAL SCIENCE FOUNDATION (NSF)
International Journal of Applied Geospatial Research
Applied Geography Conference