# Alberto Giordano, Ph.D

Professor and Chair Department of Geography Texas State University San Marcos, TX 78666 Tel.: 512-245-6581

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## I. ACADEMIC BACKGROUND

### **EDUCATIONAL BACKGROUND:**

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	1999	Syracuse University	Geography	Using the GIS for Nuclear Risk Communication: The View From Oswego County, New York
M.A.	1994	University of California Santa Barbara	Geography	Understanding Cartographic Design: an Experientialist Approach
B.A.	1987	University of Padua (Italy)	Geography	A Systems Theory Approach to the Structural Study of the Italian Railway Network, 1954-1984

## **UNIVERSITY EXPERIENCE:**

Position	University	Dates
Chair	Texas State University, Department of Geography	Fall 2013-
		present
Professor	Texas State University, Department of Geography	2012-2013
(Tenured)		
Associate Professor	Texas State University, Department of Geography	2007-2012
(Tenured)		
Assistant Professor	Texas State University, Department of Geography	2003-2007
(Tenure track)		
Assistant Professor	University of Massachusetts Boston, Department of Earth and	1999-2003
(Tenure track)	Geographic Sciences	
Part-Time Instructor	Syracuse University, Department of Geography	1998-1999
Teaching Instructor	Syracuse University, Syracuse University	1996-1998
Research Associate	Consorzio Venezia Ricerche – University of Venice (Italy)	1991-1995
Research Assistant	National Center for Geographic Information and Analysis,	Summer 1990
	University of California Santa Barbara	
Teaching Instructor	University of California Santa Barbara	1990-1991

### II. TEACHING

#### **COURSES TAUGHT:**

Texas State University - San Marcos:

Undergraduate Courses: GEO 2420, Introduction to Geographic Information Science Techniques

GEO 2426, Fundamentals of Geographic Information Systems

GEO 3411, Maps and Mapmaking

GEO 4427, GIS Design and Implementation

Undergraduate/Graduate: GEO 4411/5395, Map Design

GEO 4422/5408, Computer Cartography/Applied Cartography

GEO 4324/5324, GPS and GIS

GEO 3307/5395, Geography of Europe (2007 Summer Trip to Europe) GEO 4310/5308, Regional Field Studies (2007 Summer Trip to Europe)

Graduate only: GEO 7365, Theoretical Cartography

GEO 5309, Geographic Analysis

**University of Massachusetts Boston:** 

Undergraduate Courses: E&GSCI 265, Computer Applications in Geography

E&GSCI 360, Computer and Analytical Cartography E&GSCI 410, Cartographic Design and Communication

E&GSCI 415, Multimedia Cartography E&GSCI 417, Internet Geography E&GSCI 480, Integration of GIS and GPS

Syracuse University:

Undergraduate courses: GEO 383, Principles of Geographic Information Systems

GEO 155, The Natural Environment

Undergraduate/Graduate GEO 300/500, Geographies of Danger

#### **GRADUATE DISSERTATIONS:**

<u>Texas State University - San Marcos:</u>

Dissertation Advisor:

Tom Nolan (Ph.D., 2007)

"Battlefield Landscapes: Geographic Information Science as a Method of Integrating

History and Archeology for Battlefield Interpretation"

Michele Tucci (Ph.D., 2011)

"For an Urban History of Milan, Italy: The Role of GIScience"

Shelley Burleson (In progress), Ryan Schuermann (In progress), Francesco Zignol (In progress)

Dissertation Committee Service:

Xueqin He, Amanda Keen-Zebert, Qui Xiaomin, Lin Shing-Tzong, David Viertel, Bill Collins, Suzi

Wiseman, Matthew Connolly, Lin Yan, Benjamin Prince

## **University of Massachusetts Boston:**

**Dissertation Committee Service:** 

Aileen Bellwood (Department of Biology)

"Establishing Land Conservation Priorities on Cape Cod: From Regional Planning to Local Implementation"

#### **GRADUATE THESES:**

#### Texas State University - San Marcos:

Students supervised:

- M.S.: Alexis Buckley (completed 2005), John Meaker (completed 2005), Jeffrey Sun (completed 2005), James Graham (completed 2006), Joan Hickey (completed 2011), Ryan Schuermann (completed 2012), Stanislaus Moszinski (in progress), Alex Nankervis (left program to pursue MS in Computer Sciences), Vanessa Martinez (left program to join the National Geospatial Agency)
- M.A.G.: Ricardo Puente (completed 2004), Jason Ferrell (completed 2006), Justin Fletcher (completed 2006), Stewart Moser (completed 2007), Steven Roberson (completed 2008), Larry Cheever (completed 2008), Robert Broussard (completed 2008), Damon Stone (completed 2008), Grant Cox (completed 2009), Shelley Burleson (completed 2009), Seth Neuman (completed 2009), Nancy Heger (completed 2012), Jennet Seegers (completed 2012), Virginia Moore (in progress), Chris Burleson (in progress)

### Theses Committee Service:

Completed: Carl Schmiedeskamp (M.S.), Jennifer Schoenfield (M.S.), Michel Long (M.S.), Stephanie Stiefel (M.S.), Catherine Cunningham (M.S.), Lauren Maples (M.S.), Joseph Madumene (M.S.), David

Buehner (M.S.), Diana Woronuk (M.S.), Sean Lafferty (M.S.), Jana Harter (M.A.G.), Manuel Lopez (M.A.G.), Phillicia Phillips (M.A.G.)

In progress: Kelsee Hentschel (M.S., Anthropology)

## **CURRICULUM DEVELOPMENT (SINCE JOINING TEXAS STATE):**

- GEO 4324-5325: GPS and GIS. New course: 2008-2009 academic year.

#### **FUNDED EXTERNAL TEACHING GRANT:**

- Fellowship from the Holocaust Educational Foundation to attend the "Fourteenth Annual Summer Institute on the Holocaust and Jewish Civilization," Northwestern University, Evanston, IL, 21 June-3 July 2009. This is an intensive two-week course of study designed to broaden and deepen the background of current and prospective Holocaust educators. Approximately 25 Fellows are selected annually, each of whom receives free room, board, and tuition during the program.

## III. SCHOLARLY/CREATIVE

#### A. WORKS IN PRINT

**Books** 

### Refereed Scholarly Monographs:

- Knowles, A., Cole, T., and Giordano, A. (eds.), forthcoming in 2013. *Geographies of the Holocaust*. Bloomington, IN: Indiana University Press.
- Giordano, A., Veregin, H. 1994. *Il Controllo di Qualità nei Sistemi Informativi Territoriali [Quality Control in Geographic Information Systems]*. Venezia: Il Cardo Editore. In Italian. 138 pages.

#### Refereed Chapters in Books:

- Giordano, A., Cole, T., and Knowles, A., forthcoming in 2013. *Geographies of the Holocaust*. In *Geographies of the Holocaust* (Knowles, A., Cole, T., and Giordano, A., eds.), Chapter 1. Bloomington, IN: Indiana University Press.
- Giordano, A. and Holian, A., forthcoming in 2013. Retracing the "Hunt for Jews": A Spatio-Temporal Analysis of Arrests during the Holocaust in Italy. In Geographies of the Holocaust (Knowles, A., Cole, T., and Giordano, A., eds.), Chapter 3. Bloomington, IN: Indiana University Press.
- Cole, T. and Giordano, A., forthcoming in 2013. *Bringing the Ghetto to the Jew: The Shifting Geography of the Budapest Ghetto*. In *Geographies of the Holocaust* (Knowles, A., Cole, T., and Giordano, A., eds.), Chapter 5. Bloomington, IN: Indiana University Press.
- Cole, T. and Giordano, A., 2013. Rethinking Segregation in the Ghetto: Invisible Walls and Social Networks in the Dispersed Ghetto in Budapest, 1944. In *Lessons and Legacies X: Expanding Perspectives on the Holocaust in a Changing World* (H. Earl and K. Schleunes, eds.). Evanston, IL: Northwestern University Press.
- Giordano, A. and Wisniewski, L. 2008. Teaching Cartography on the Web with a Multimedia GIS: A New Solution. In: *International Perspectives on Maps and the Internet* (M. Peterson, ed.). Springer, Berlin, 219-238.
- Giordano, A. 2005. Computer-Based Mapping. In: *Encyclopedia of Social Measurement* (K. Kempf-Leonard, ed.), Elsevier, Amsterdam, Volume 1, 411-417.
- Giordano, A. 2003. Historical Geoinformation on the Web: Lessons Learned from the Chapter 91 Pilot Project. In: *Maps and the Internet* (M. Peterson, ed.), Elsevier, Amsterdam, 319-330.
- Giordano, A. 1992. Experiential Realism: a New Paradigm for Cartographic Language? In: *Paysage et Crise de la Lisibilité*, (L. Mondada, F. Panese, O. Soderstrom, eds.), Université de Lausanne, Institut de Géographie, Lausanne, Switzerland.

#### Articles

#### **Refereed Journal Articles:**

- Seegers, J. and Giordano, A., forthcoming in 2013. Cartographic Constructs: A Case Study of Nantucket Oral Histories. *The Professional Geographer*.
- Spradley, K., Hamilton, M., and Giordano, A. 2012. Spatial Patterning of Vulture Scavenged Human Remains. *Forensic Science International*, 219(1-3), 57-63.

- Cox, G., Giordano, A., Juge, M. 2011. The Geography of Language Shift: A Quantitative Cemetery Study in the Texas Czech Community. *The Southwestern Geographer*, in press.
- Tucci, M. and Giordano, A. 2011. Positional Accuracy, Positional Uncertainty, and Feature Change Detection in Historical Maps: Results of an Experiment. *Computers, Environment, and Urban Systems*, 35, 452-463.
- Tucci, M., Ronza, R., and Giordano, A. 2011. Fragments from many pasts: layering the toponymic tapestry of Milan. *Journal of Historical Geography*, 37, 370-384.
- Giordano, A. and Cole, T. 2011. On Place and Space: Calculating Social and Spatial Networks in the Budapest Ghetto. *Transactions in GIS*, 15(s1), 143-170.
- Tucci, M., Giordano, A., and Ronza, R. 2010. Spatial Analysis and Geovisualization to Reveal Urban Changes: Milan, Italy, 1737-2005. *Cartographica*, 45(1), 47-63.
- Giordano, A., Anderson, S., and He, X. 2010. How Near is Near? The Distance Perceptions of Residents of a Nuclear Emergency Planning Zone. *Environmental Hazards*, 9, 167-182.
- Giordano, A. and Cheever, L. 2010. Using Dasymetric Mapping to Identify Communities at Risk from Hazardous Waste Generation in San Antonio, Texas. *Urban Geography*, 31(5)-623-647.
- Beorn, W., Cole, T., Gigliotti, S., Giordano, A., Holian, A., Jaskot, P., Knowles, A., Masurovsky, M., and Steiner, E. 2009. The Geography of the Holocaust. *The Geographical Review*, 99(4), 563-574.
- Giordano, A., Lu, Y., Anderson, S., and Fonstad, M. 2008. Wireless Mapping, GIS, and Learning about the Digital Divide: A Classroom Experience. *The Journal of Geography*, 106(6), 285-295.
- Giordano, A. and Nolan, T. 2007. Civil War Maps of the Battle of Stones River: History and the Modern Landscape. *The Cartographic Journal*, 44(1), 55-70.
- Hanford, E. J., Zhan, F. B., Lu, Y., and Giordano, A. 2007. Chagas Disease in Texas: Realizing the Significance and Implications of Evidence in the Literature. *Social Science & Medicine*, 65(1), 60-79.
- Metzel, D. and Giordano, A. 2007. The Locations of Employment Services and People with Disabilities in the United States. A Geographical Analysis of Accessibility. *Journal of Disability Policy Studies*, 18(2), 88-97.
- Joassart-Marcelli, P. and Giordano, A. 2006. Does Local Access to Employment Services Reduce Unemployment? A GIS analysis of One-Stop Career Centers. *Policy Sciences*, 39(4), 335-359.
- Giordano, A. 2005. The People and the Plan: Intended Reactions to a Nuclear Emergency in New York State. *Risk Management: An International Journal*, 7(3), 41-56.
- Giordano, A. and Gelpke, R. 2003. Geographic Information Technologies and the History of a Shoreline: the Case of Chapter 91 in New Bedford, Massachusetts. *The Professional Geographer*, 55(3), 329-342.
- Monmonier, M., and Giordano, A. 1998. GIS in New York State County Emergency Management Offices: User Assessment. *Applied Geographic Studies*, 2(2), 95-109.
- Giordano, A. 1996. Gli Aspetti Sociali dell'Utilizzo dei Sistemi Informativi Geografici: Riflessioni su Possibili Direzioni di Sviluppo dei SIG [The Social Aspects of Geographic Information Systems: Reflections on Possible Future Developments of GIS]. *Geotema*, 6, 19-26.
- Giordano, A., Veregin, H., Borak, E., Lanter, D. 1994. A Conceptual Model of GIS-Based Spatial Analysis. *Cartographica*, 31(4): 44-57.

#### Non-Refereed Articles:

- Several entries for Volume 6 of the *History of Cartography*, to be published by the University of Chicago Press in 2014.
- Giordano, A. and Jacobi, O. 1995. Specialist Meeting Report. Data Quality. Lisbon, Portugal, 5-9 July 1995. GISDATA Newsletter, 6, 14-19.
- Giordano, A. 1990-1991. *Atlante Tematico d'Italia [National Atlas of Italy]*. Touring Club Italiano/Italian National Research Council, Milan, Italy. Volumes 1 and 2. Various maps.

## Conference Proceedings

#### Refereed Conference Proceedings:

F. Benjamin Zhan, F. B., Lu, Y., Giordano, A., and Hanford, E. J. 2005. Geographic Information System (GIS) as a Tool for Disease Surveillance and Environmental Health Research. *Proceedings of the Second IEEE International Conference on Services Systems Services Management (ICSSSM05)*, Chongqing University, China, 1465-1470.

- Giordano, A. 2001. Integration of Multimedia Cartography, GPS, and GIS to Evaluate Environmental Policies: Results of a Pilot Project in Massachusetts. *Proceedings, International Cartographic Conference, International Cartographic Association*, Beijing, China, Volume 2, 1220-1228.
- Giordano, A. 1998. A GIS for Nuclear Emergency Response: The View from Oswego County, New York.

  National Center for Geographic Information and Analysis Specialist Meeting on "Empowerment,
  Marginalization, and Public Participation GIS," Santa Barbara, CA.
- Giordano, A., Rybaczuk, K., Bianchin, A., Gosen, F., Mills, P. 1994. A Handbook and Multimedia Support Tool to Aid the Assessment of Data Quality Issues in GIS Databases. *Proceedings of the Fifth European Conference on Geographical Information Systems*. Paris, France. Published by the European Geographic Information Systems Foundation, Utrecht, 426-433. Online at: <a href="http://libraries.maine.edu/Spatial/gisweb/spatdb/egis/eg94048.html">http://libraries.maine.edu/Spatial/gisweb/spatdb/egis/eg94048.html</a>

#### Non-refereed Conference Proceedings:

- Giordano, A. 2000. Roman Contributions to Modern Cartography, from Itinerary Maps to Geographic Information Systems. *Proceedings, Globalization and Latin Humanism Conference,* New York, NY.
- Stanek, H., Smith, N., Giordano, A. 1995. Modellierung und Normierung von Datenqualität im GIS [Standardization and Modeling of Data Quality in GIS]. Symposium für Angewandte GeoInformatik AGIT, [Symposium for Applied Geoinformatics AGIT], Saltzburg, Austria. Online at: http://www.sbg.ac.at/geo/agit/online95.htm
- Smith N., Giordano A., and Stanek H. 1995. Developing a Practical Model for the Quality of Geographic Information. *Proceedings, European Science Foundation GISDATA Conference on Quality*, Lisbon, Portugal. 14 pages.

#### Reports

- Zhan, F. B., Lu, Y., Giordano, A., and Hanford, E.J., 2006. GIS for Texas-Mexico Border Environmental Health Tracking. A Preliminary Study of Data. *Border Health Initiative Project, Project Data Report 2*. 206 pages.
- Zhan, F. B., Lu, Y., Giordano, A., and Hanford, E.J., 2005. Initial Database Development for a Border Disease Surveillance System in Relation to Migrating Workers, Disease Vectors, and Drug Resistant Disease in the Mexico-Texas Border Region. *Border Health Initiative Project, Project Data Report 1*. 82 pages.
- European Union (EU) Commission, ACT-VILL (City Action RDT) Programme, 1996. ACT-VILL Project Study C: The Development of Inter- and Intra-Urban Networks. Case Study 4: GIS Networks. *EU/ACT-VILL*, Bruxelles, Belgium.
- European Committee for Standardization (CEN), Technical Committee (TC) 287, Working Group (WG) 02, Project Team (PT) 05 (Giordano, A., Smith, N., and Stanek, H.) 1995. *Geographic Information Data Description Quality. Draft.* European Committee for Standardization (CEN) Central Secretariat, Bruxelles, Belgium. 42 pages. This draft standard became part of the new European geographic information exchange standard.

#### **Others**

Giordano, A. and Wisniewski, L. 2006. Chapter 3. Mapping Absolute vs. Derived Values. Script for a Multimedia Web GIS Application. Part of the Final Deliverables for the National Science Foundation Grant "Multimedia GIS Materials - ATE Prototype Lessons." 107 pages.

#### B. WORKS NOT IN PRINT

Selected Recent Papers Presented at Professional Meetings

- Giordano, A. 2013. Mapping the Past: Historical Geographic Information Science. Session Chair and Discussant. *Annual Meeting of the American Historical Association*, New Orleans, LA.
- Giordano, A. and Holian, A. 2013. Retracing the "Hunt for Jews": A Spatio-Temporal Analysis of Arrests during the Holocaust in Italy. Annual Meeting of the American Historical Association, New Orleans, LA.
- Cole, T. and Giordano, A. 2013. Bringing the Ghetto to the Jew: Building and Analyzing an Historical GIS of the Ghettoization in Budapest. *Annual Meeting of the American Historical Association*, New Orleans, LA.
- Burleson, S. and Giordano, A. 2012. Spatial Patterns of the Holocaust: Historical GIS and the Uncertain Nature of Historical Data. *Annual Meeting of the Association of American Geographers*, New York, NY.

- Giordano, A. 2012. Discovering the Geography of the Holocaust: From Individual Histories to Spatial Patterns. *Annual Meeting of the Association of American Geographers*, New York, NY.
- Giordano, A. 2012. Towards a Multidisciplinary Approach to the Study of Genocide. *Annual Meeting of the Southwest Division of the Association of American Geographers*, Las Cruces, NM.
- Giordano, A. 2011. On Maps and Genocide. *North American Cartographic Information Society Annual Conference*, Madison, WI.
- Seegers, J. and Giordano, A. 2011. Nantucket: A Case Study in the Spatial Representation of Oral Histories. North American Cartographic Information Society Annual Conference, Madison, WI.
- Giordano, A. and Cole, T. 2011. On Place and Space: Calculating Social and Spatial Networks in the Budapest Ghetto. *ESRI International Users Conference*, San Diego, CA.
- Cole, T. and Giordano, A. 2010. Mapping Ghettoization: Doctors of Space in Budapest 1944. *Annual Meeting of the Association of American Geographers*, Washington, DC.
- Giordano, A. and Holian, A. 2010. A Spatial Analysis of the Holocaust in Italy: National and International Dimensions. *Annual Meeting of the Association of American Geographers*, Washington, DC.
- Giordano, A. et al. 2009. Goode's World Atlas. Historical and Contemporary Perspectives. Session discussant. *Annual Meeting of the Association of American Geographers*, Las Vegas, NV.
- Giordano, A. and Cerney, D. 2009. Evaluation of the Extent and Nature of Human Induced Landscape
  Transformation on Nantucket, MA. *Annual Meeting of the Association of American Geographers*, Las Vegas, NV.
- Giordano, A. et al. 2008. The Geography of the Holocaust: Challenges and Opportunities. *Annual Meeting of the Association of American Geographers*, Boston, MA, 2008. Panel organizer and participant.
- Cole, T., Giordano, A., Haley Goldman, M., Hayes, P., Knowles, A., and Masurovsky, M. 2007. The Geography of the Holocaust: A Workshop Report. *Social Science History Association Meeting*, Portland, OR.
- Giordano, A. and Anderson, A. 2007. How Does Living Near a Hazardous Facility Affect People' Perceptions of Risk? Results of an Experiment. *Association of American Geographers National Meeting*, San Francisco, CA.
- Metzel, D. and Giordano, A. 2006. The Locations of Employment Services and People with Disabilities: A Geographical Analysis of Accessibility. *Annual Meeting of the Association of American Geographers*, Washington, DC.
- Graham, J., Martinez V., Giordano, A. 2006. Deportees from France, 1942-1944. Spatial and Temporal Patterns in the Holocaust, Part 1. *Annual Meeting of the Association of American Geographers*, Chicago, IL.
- Martinez, V., Graham J., and Alberto Giordano, 2006. Deportees from France, 1942-1944. Spatial and Temporal Patterns in the Holocaust, Part 2. *Annual Meeting of the Association of American Geographers*, Chicago, IL.
- Joassart-Marcelli, P. and Giordano, A. 2005. Does Geographical Access to Employment Services Improve Labor Market Outcomes? Association for Public Policy Analysis and Management (APPAM) Fall Conference, Washington, DC.
- Nolan, T. and Giordano, A. 2005. Reconstructing Civil War Battlefields. Thematic and Positional Accuracy of Stones River Historic Maps. *Annual Meeting of the Association of American Geographers*, Denver, CO.
- Giordano, A. and Buckley, A. 2004. Visualizing Change: Tourism, Real Estate, and Housing Affordability in Nantucket, Massachusetts 1950-2000. *Social Science History Association Meeting*, Chicago, IL.
- Giordano, A. and Buckley, A. 2004. Towards Historical GIS: Issue in the Design and Implementation of a GIS for Nantucket, Massachusetts 1950-2000. *North American Cartographic Information Society Annual Meeting*, Portland, ME.
- Metzel, D. and Giordano, A. 2004. Poverty, Disability, and Employment in Massachsuetts: A GIS Analysis. *Annual Meeting of the Association of American Geographers*, Philadelphia, PA.
- Mires, A. M. and Giordano, A. 2004. Using GIS Technology to Locate Clandestine Human Remains. *Proceedings of the Annual Meeting of the American Academy of Forensic Sciences*, Dallas, TX.
- Giordano, A. 2002. A Narrative of a Massachusetts Waterfront. Or, the Case for (Multimedia) GIS in Historical Geography. *Annual Meeting of the Association of American Geographers*, Los Angeles, CA.
- Giordano, A. 2001. A Comparison of Web-based GIS and Web-based Multimedia Cartography as Tools for an Historical Geography Analysis: New Bedford, Massachusetts, 1889-1999. *Workshop on Maps and the Internet*, Guangzhou, China.
- Giordano, A. 2001. Multimedia Metadata for Geographic Information: Towards a Conceptual Model. *North American Cartographic Information Society Annual Meeting*, Columbus, OH.

- Giordano, A. 2000. Rethinking Nuclear Risk Communication: An Experiment in Upstate New York. *Annual Meeting of the Association of American Geographers*, Pittsburgh, PA.
- Giordano A. and Veregin H., 1996. A Model and Taxonomy of Spatial Analysis Functions in Geographic Information Systems. *Annual Meeting of the Association of American Geographers*, Charlotte, NC.
- *Invited Talks, Lectures, Presentations*
- Holian, A. and Giordano, A. 2013. Spatio-temporal patterns and social networks of the Holocaust: A case-study of Jews arrested at the Swiss-Italian border. *European Holocaust Research Infrastructure Workshop on "Geography and Holocaust Research,"* International Tracing Service, Bad Arolsen, Germany. Paper accepted by organizing committee.
- Giordano, A. and Cole, T. 2013. Spatialities of Ghettoization: Budapest 1944. European Holocaust Research Infrastructure Workshop on "Geography and Holocaust Research," International Tracing Service, Bad Arolsen, Germany. Paper accepted by organizing committee.
- Giordano, A. and Holian, A., 'Retracing the "Hunt for Jews": A Spatio-Temporal Analysis of the Holocaust in Italy.' Invited talk, Shoah Foundation, University of Southern California, 10 April 2013.
- Giordano, A. et al. 2012. Organizer and presenter: Workshop 1: Placing the Holocaust: Researching the Geographies of the Holocaust" and Workshop 2: Placing the Holocaust: Teaching the Geographies of the Holocaust. *Lessons and Legacies Biannual Conference*, Evanston, IL. Papers accepted by organizing committee.
- Cole, A. and Giordano, A. 2010. Rethinking Segregation: Invisible Walls and Social Networks in the Dispersed Ghetto in Budapest, 1944. *Lessons and Legacies Biannual Conference*, Boca Raton, FL. Paper accepted by organizing committee.
- Giordano, A. and Holian, A. 2010. A Spatial Analysis of the Holocaust in Italy: National and International Dimensions. *Lessons and Legacies Biannual Conference*, Boca Raton, FL. Paper accepted by organizing committee.
- Giordano, A., 'From the Local to the Continental: Geographies of the Holocaust.' Invited talk, Geospatial Information Sciences Colloquium, University of Texas at Dallas, 18 October 2010.
- Cole, T. and Giordano, A., 'Jewish Absence and Presence, Budapest 1944: A Spatio-Temporal Analysis.' Invited talk, *Insitute for Advanced Studies (IAS) Workshop*, University of Bristol, UK, 18 May 2010.
- Giordano, A., 'GIScience and the Geography of the Holocaust: Case Studies of Budapest and Italy.' Invited talk, Department of Geography, University of Denver, 6 May 2010.
- Giordano, A., 'The Geography of the Holocaust.' Department of Geography, University of Denver, 6 May 2010. Undergraduate class.
- Giordano, A., 'GIScience and the Geography of the Holocaust: Case Studies of Budapest and Italy.' Invited talk, Spatial History Lab, Department of History, Stanford University, 26 April 2010.
- Giordano, A., 'For an Historical GIS of the Holocaust: Challenges and Opportunities.' Invited talk, *Texas Map Society Spring 2010 Meeting*, Austin, TX, 9 April 2010.
- Giordano, A., 'The Geography of the Holocaust.' San *Marcos Baptist Academy*, San Marcos, TX, 25 March 2010 Giordano, A., 'GIScience and the Geography of the Holocaust.' Invited talk, *Texas State Geography Student Research Symposium*, 26 March 2010. Keynote speaker.
- Cole, T. and Giordano, A., 'The Computational Turn: GIScience and the Holocaust.' Workshop on *The Computational Turn*, University of Swansea , UK, 9 March 2010.
- Giordano, A. and Holian, A., 'The Holocaust in Italy: A Geographical and Historical Analysis.' Invited talk, Department of Geography, University of Arizona, 26 February 2010.
- Giordano, A. and Holian, A., 'The Holocaust in Italy: A Geographical and Historical Analysis.' Invited talk, Department of History, Arizona State University, 25 February 2010.
- Giordano, A., 'The Geography of the Holocaust.' *Tapestry of Jewish Learning*, Dell Jewish Community Center, Austin, TX, 24 January 2010.
- Giordano, A. 2009. *Geographies of the Holocaust. The Italian Case-Study*. Invited talk, Department of Geography, San Diego State University, 13 March 2009.
- Giordano, A. 2008. *GIScience and the Holocaust. Towards a Holocaust Historical GIS.* Invited talk, Department of Geography, University of Texas at Austin, 8 February 2007.
- Cole, T., Giordano, A., and Knowles A. 2008. *Mapping Holocaust Geographies: the Employment of Experiences*. Invited Workshop Presentation, Tenth Biennial Lessons & Legacies Conference on the Holocaust;

- Back to the Sources: Reexamining Perpetrators, Victims, and Bystanders, Northwestern University, Evanston, IL. 31 October 2008.
- Giordano, A. 2007. *Historical GIS: Characteristics, Potential, Challenges*. Keynote Speaker, Military Geography Specialty Group, Association of American Geographers National Meeting, San Francisco, CA, 19 April 2009.
- Hanford E. J., Zhan F. B., Lu Y., and Giordano A. 2006. Chagas Disease and the Implications of Historical Biogeographical Research in Texas. Invited presentation to the *Six States Meeting*, Texarkana, TX, sponsored by U.S. Department of Agriculture, U.S. Department of Homeland Security, Animal and Plant Health Inspection Service.
- Giordano, A. and Metzel, D. 2005. Staff Briefing to the United States Senate Health, Education, Labor and Pension (HELP) Committee, Washington, DC, February 11, 2005. The Locations of Employment Services in Relation to People with Disabilities: Policy Implications for the Reauthorization of the Workforce Investment.
- Giordano, A. *Historical GeoInformation: Concepts, Issues, Solutions*. NCGIA-IGERT Presentation, Department of Geography, SUNY Buffalo, December 5, 2003.
- Giordano, A. *Historical GeoInformation: Concepts, Issues, Solutions.* Department of Geography, University of Oklahoma, December 2, 2002.
- Giordano, A. *Historical GeoInformation: Concepts, Issues, Solutions*. Department of Geography, West Virginia University, November 1, 2002.
- Giordano, A. *Using the GIS for Nuclear Risk Communication: The View from Oswego County*, NY. Department of Geography, Florida State University, March 3, 1999.
- Giordano, A. *Using the GIS for Nuclear Risk Communication: The View from Oswego County*. Department of Geography, Indiana State University, February 24, 1999.
- Giordano, A. 1998. A GIS for Nuclear Emergency Response: The View from Oswego County, New York.

  National Center for Geographic Information and Analysis Specialist Meeting on "Empowerment,
  Marginalization, and Public Participation GIS," Santa Barbara, CA. Paper accepted by organizing
  committee.

#### **Consultancies**

1991-1996

Consultant for educational institutions, research centers, local governments and private companies in Italy. Duties: GIS database design, geographic data quality control, design and implementation of standardization procedures.

#### **Workshops**

Co-organizer, Center for Advanced Holocaust Studies Summer Research Workshop, Geographies of the Holocaust, Washington, United States Holocaust Memorial Museum, August 6-17, 2007. Online at <a href="http://www.ushmm.org/calendar/detail.php?CalYear=2007&CalMonth=8&CalDay=27&EventId=10">http://www.ushmm.org/calendar/detail.php?CalYear=2007&CalMonth=8&CalDay=27&EventId=10</a> 019&SchedId=16927&orgid=0&calid=.

#### C. GRANTS AND CONTRACTS

Funded External Grants and Contracts

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2008-2012	National Science Foundation, Division of Behavioral and Cognitive Sciences, Geography and
	Regional Science Program, Alberto Giordano (PI), Anne Knowles (PI). "Collaborative
	Research: Holocaust Historical GIS." Sum awarded: \$429,436. Supplemental award,
	November 2009: \$23,630. Total sum awarded: \$453,066.
2005-2007	National Science Foundation, Division of Undergraduate Education, Advanced Technological
	Education Program. Lance Wisniewski (PI), Robert Burns (CO-PI), Alberto Giordano (CO-PI).
	"Multimedia GIS Materials - ATE Prototype Lessons." Sum awarded: \$288,562.
2004-2005	U.S. Congress Appropriations Fund. F. Z. Zhan (PI), Alberto Giordano (CO-PI), Yongmei Lu
	(CO-PI). "US-Mexico Border Health Initiative Program." Sum awarded: \$86,385.
2000-2001	Environmental Protection Agency, Massachusetts Department of Environmental Protection.
	Alberto Giordano (PI), Richard Gelpke (CO-PI). "Waterways Data Management." Sum
	awarded: \$17,948

Submitted, but not Funded, External Grants and Contracts

- National Institute of Justice. Alberto Giordano (PI), Michelle D. Hamilton (PI), M. Katherine Spradley (PI). "Developing a Spatial Analytical Model and Taphonomic Reference for Use in Animal-Scavenged Death Scenes." Sum requested: \$298,151.
- Digging into Data Challenge International Competition. Alberto Giordano (PI), Tim Cole (PI). "Journeying Through Genocide: Uncovering and Visualizing the Socio-Spatial Patterns of the Holocaust." Sum requested: \$199,961 (USA) plus £ 111,135 (UK).
- 2010 National Institute of Justice Alberto Giordano (PI), Michelle D. Hamilton (PI), M. Katherine Spradley (PI), Kyra E. Stull (PI). "Project Avian: Estimating the Postmortem Interval at Vulture-Scavenged Death Scenes." Sum requested: \$293,257.
- National Science Foundation. Lance Wisniewski (PI), Alberto Giordano (CO-PI), Sharolyn Anderson (CO-PI), Yongmei Lu (CO-PI), Mary Beth Booth (CO-PI). Introduction to Geographic Information Science and Technology: Comprehensive On-line Materials." Sum requested: \$649,896.
- National Science Foundation. Mark Fonstad (PI), Alberto Giordano (CO-PI). "Human Environmental Sensitivity to Change with the Opening of the Island of St. Helena to Major Tourism." Sum requested: \$210,572.
- Lincoln Institute of Land Policy. Alberto Giordano (PI). "Land Use Changes on the Island of Nantucket, Massachusetts 1950-2005: An Evaluation of Social and Economic Effects." Sum requested: \$21,144.
- National Science Foundation. Alberto Giordano (PI), Richard Gelpke (CO-PI), Brooks Pearson (CO-PI). "The Virtual New Bedford Multimedia GIS: Developing a Comprehensive Research Database for American Whaling." Sum requested: \$96,372.
- NSF. Nancy Obermeyer (PI), Brad Brubaker (CO-PI), Alberto Giordano (CO-PI), Douglas Herrmann (CO-PI). "Cognitive Factors in Extracting Information from Overlaid, Internet-Based Choropleth Maps. Sum requested: \$247,648.

#### Funded Internal Grants and Contracts

2012-2013	Texas State University - San Marcos, Research Enhancement Program (REP) Grant: "Towards
	the Development of a Spatial Analytical Model and Taphonomic Reference for Use in Animal-
	Scavenged Death Scenes." Sum awarded: \$14,370.50. Role: CO-PI with Kate Spradley,
	Department of Anthropology (PI).
2004-2005	Texas State University - San Marcos, Research Enhancement Program (REP) Grant: "A
	Conceptual Model for Using GIScience and GITechnologies to Interpret Spatial Change:
	Nantucket Island, Massachusetts 1950s-present." Sum awarded: \$5,600. Role: PI

2003-2004 Texas State University - San Marcos, Research Enhancement Program (REP) Grant: "Visualizing Change: Nantucket Island, Massachusetts 1950s-present. A Multimedia Historical GIS". Sum awarded: \$7,989. Role: PI

## D. FELLOWSHIPS, AWARDS, HONORS

2012	The research I coauthored with Dr. Hamilton and Dr. Spradley on the spatial patterns of
	scavenging by vultures (see Publications) was featured in the PBS program "NOVA
	scienceNow," which aired nationally on October 17, 2012 (see
	http://www.pbs.org/wgbh/nova/tech/can-science-stop-crime.html)
	This research was also featured in the program "Daily Planet" on Discovery Channel Canada
	(see http://watch.discoverychannel.ca/daily-planet/january-2012/daily-planetjanuary-
	25-2012/#clip607480), which aired January 25, 2012
1994-1999	Invited Member. UNINFO Working Committee on Geographic Information Standards
	(UNINFO is the Italian standardization agency for Information Technology)
1995-1998	Ph.D. University Fellowship. Syracuse University
1997	Phi Beta Delta Honor Society for International Scholars
1995-1996	Invited Member. Committee ACT-VILL Programme of the European Union (see Section III.
	Scholarly/Creative, A. Works in Print, Articles, Refereed Journal Articles)
1995	UNINFO Delegate, Geographic Information Standard Working Committee, Italian
	Information Technology Authority (AIPA), Rome, Italy
1994-1995	Elected Member. European Committee for Standardization (CEN). Duties: Preparation of
	Draft standard "CEN/TC287 Geographic Information - Data Description - Quality"

1990-91 Post-graduate Scholarship, Consorzio Venezia Ricerche, University of California at Santa Barbara
1984-85 Education Abroad Program Scholarship, University of California at Santa Barbara

#### IV. SERVICE

A. University (s	SINCE JOINING TEXAS STATE)
2011-2012	- Research Enhancement Program, Department of Geography representative
2010-2011	- Represented Texas State at the Summer Assembly of the University Consortium for
	Geographic Information Science (UCGIS), Boulder, CO, 22-23 June 2011
2009-2010	On paid Development Leave from Texas State
	- Represented Texas State at the Summer Assembly of the University Consortium for
	Geographic Information Science (UCGIS), Hilton Head, SC, 15-16 June 2010
2008-2009	- Reviewer, Texas State University Scholars Review
	- Texas State Academic Governance Committee member
	- Featured in a Texas State ad published in the Texas Monthly
2007-2009	Department of Geography Faculty Representative to the University Environmental Services
	Committee (ESC)
2006-2007	Member, Academic Programs Review committee
D Denapriment	AL (CINCLIONING TOWAS STATE)
	AL (SINCE JOINING TEXAS STATE)
Fall 2012	- Chair, Evaluation Committee
	- Member, Graduate Committee
	- GIScience Program Undergraduate Advisor
2011-2012	- Chair, Evaluation Committee
	- Chair, Search committee for the Jesse Jones Professor of Geographic Education and Director
	of the Grosvenor Center
	- GIScience Program Undergraduate Advisor

2010-2011

- Chair, Evaluation Committee

committee

- Member, Graduate Committee
- GIScience Program Undergraduate Advisor
- Elected by colleagues to serve in the Personal Committee's Annual Report Review committee

- Elected by colleagues to serve in the Personal Committee's Annual Report Review

2009-2010

On paid Development Leave from Texas State

2008-2009

- Graduate Committees
- GIScience Program Undergraduate Advisor
   Member, Remote Sensing Search Committee
   Member, Computational GIS Search Committee
- Assistant to the Chair for the Graduate Program (Learning Outcomes committee)
- Associate Director, Texas GIScience Research Center
- Elected by colleagues to serve in the Personal Committee's Annual Report Review committee

2007-2008

- Undergraduate and Graduate Committees
- Department of Geography Senate Liaison - GIScience Program Undergraduate Advisor
- Associate Director, Texas GIScience Research Center

2006-2007

- Evaluation and MAG/MS Issues Committees
- GIScience Program Undergraduate Advisor
- Associate Director, Texas GIScience Research Center
- Giordano, A. 2006. GIS Workshop on Race and Ethnicity. Presentation at the *Race, Ethnicity, and Place Conference*, Department of Geography, Texas State University San Marcos, TX
- Others: Speaker at the Fall Semester Graduate Orientation for new students

2005-2006 - Undergraduate and Graduate Committees

- GIScience Program Undergraduate Advisor

- Associate Director, Texas GIScience Research Center

- Organizer: Texas Center for Geographic Information Science Friday Research Talks

- Others: Speaker at the Fall Semester Graduate Orientation for new students, Co-organizer:

Texas State Department of Geography Alumni reunion

2004-2005 - Undergraduate and Graduate Committees

- GIScience Hiring Committee (3 Positions)
- GIScience Program Undergraduate Advisor

- Co-organizer: Texas Center for Geographic Information Science Friday Research Talks

- Giordano, A. 2005. Educational Opportunities in Central Texas – The Department of Geography, Texas State University - San Marcos. Presentation at the 15th Annual TNRIS GIS

Forum, Austin, TX

- Others: Speaker at the Fall Semester Graduate Orientation for new students, Bobcat Days in the Fall semester, Spring general advising sessions, Lecture to the Freshmen Geography

Interest Group in the Fall

2003-2004 - Distance Learning and Graduate Committees

- Remote Sensing Position Hiring Committee

#### C. COMMUNITY (SINCE JOINING TEXAS STATE)

- In the last few years, I have repeatedly taught two courses (GEO 4427 – GIS Design and Implementation and GEO 4324/5324 - GPS and GIS), in which students work with external clients (non-profit organizations and local government agencies) on GIS or GPS projects of relevance to the client. Sample of clients: City of San Marcos, City of Austin, Victoria County, Hill Country Alliance, Hill Country Conservancy, Edwards Aquifer Alliance, Guadalupe-Blanco River Authority, Texas State University, Girl Scouts Lone Star Council, Wimberley Valley Watershed Association, San Marcos Greenbelt Alliance, Friends of Enchanted Rock.

#### D. PROFESSIONAL

2008-present	Member, Austin Community College GIS Advising Board
2007-present	Texas State University Delegate to the University Consortium for Geographic Information
_	Science (UCGIS)
2009	- Selected participant, Holocaust Summer Institute, Northwestern University, Evanston, IL,
	June 21-July 3. Full scholarship to attend, including travel, room, and board
	- External Member, Tenure-and-promotion review committee, Dr. Sharolyn Anderson,
	Department of Geography, University of Denver
2008	Member, Editorial Board of the Goode's World Atlas, published by Rand McNally
2008-2009	Co-Chair, Historical Geography Network, Social Science History Association
2001-2002	Member, International Cartographic Association Commission on Maps and the Internet
1996	Syracuse University Delegate to the University Consortium for Geographic Information
	Science (UCGIS) Council Meeting, Columbus, OH, 1996
1995-1999	Member, International Cartographic Association Commission on Spatial Data Quality

- Grant proposal reviewer for the Austrian Science Foundation, the US National Science Foundation (NSF), and the Social Sciences and Humanities Research Council of Canada (SSHRC).
- Assisted NSF in identifying potential candidates for the position of Deputy Division Director in the Division of Behavioral and Cognitive Sciences (BCS)
- Reviewer: Italian Ministry of University and Scientific Research, Program "Evaluation of the Quality of Research 2004-2010" (CINECA-VQR). This is a program of the Italian government to evaluate the 2004-2010 scientific output of faculty working at Italian universities. I was asked to review a total of 15 publications in GIScience. Reviewers were chosen among experts working outside of the country.

- Reviewer for The Professional Geographer; Annals of the Association of American Geographers; Space and Polity; The Cartographic Journal; Cartography and Geographic Information Science; The Geographical Review; International Journal of Geographic Information Science; Population and Environment; Computers, Environment, and Urban Systems; Journal of Historical Geography; Computers and Geoscience.
- Reviewer of book manuscript *Managing GIS*, by Nancy Obermeyer and Jeff Pinto, published by Guilford; reviewer of book manuscript *Fundamentals of GIS*, by Michael DeMers, Wiley.
- Memberships: Association of American Geographers (AAG), North American Cartographic Information Society (NACIS), Social Science History Association (SSHA).