

# Alberto Giordano, Ph.D.

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Alberto Giordano is a Professor in the Department of Geography at Texas State University. He served as President of UCGIS, the University Consortium for Geographic Information Science, in 2018-2019, and is a current Board Member of the organization. In 2019 he was also a Fulbright Specialist in the Department of History at the University of Vilnius in Lithuania; this experience led to the funding in 2021 of a spatial humanities project on the Grand Duchy of Lithuania borderlands in the 18<sup>th</sup> century. Alberto is a founding member of the Holocaust Geographies Collaborative, a network of researchers and scholars interested in bringing geographical approaches, methods, and perspectives to the study of the Holocaust and other genocides. On this topic, he has coauthored works on the geography of the Holocaust in Italy and in Budapest and on the Armenian genocide, and has received funding from the National Science Foundation, the National Endowment for the Humanities, the Holocaust Educational Foundation, the United States Holocaust Memorial Museum, the USC Shoah Foundation, and the European Holocaust Research Infrastructure, among others. He is also involved in projects related to the application of GIScience methods and tools to forensic anthropology, most recently concerning migrant deaths at the U.S-Mexico border.

## I. ACADEMIC BACKGROUND

### EDUCATIONAL BACKGROUND:

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
Ph.D.	1999	Syracuse University	Geography	Using the GIS for Nuclear Risk Communication: The View from Oswego County, New York
M.A.	1995	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:

<i>Position</i>	<i>University</i>	<i>Dates</i>
Professor (Tenured)	Texas State University, Department of Geography	2012-present
Honorary Professor of International Studies	Texas State University	2020-present
Chair	Texas State University, Department of Geography	Sep 1, 2013-Aug 31, 2018
Associate Professor (Tenured)	Texas State University, Department of Geography	2007-2012
Assistant Professor (Tenure track)	Texas State University, Department of Geography	2003-2007
Assistant Professor (Tenure track)	University of Massachusetts Boston, Department of Earth and Geographic Sciences	1999-2003
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, University of California Santa Barbara	Summer 1990
Teaching Instructor	University of California Santa Barbara	1990-1991

## II. TEACHING

### TEACHING HONORS AND AWARDS:

- "Favorite Professor" Award, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society, 2015.
- "Favorite Professor" Award, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society, 2020.

### COURSES TAUGHT:

#### Texas State University:

- Undergraduate Courses: GEO 2420, Introduction to Geographic Information Science Techniques  
GEO 2426, Fundamentals of Geographic Information Systems  
GEO 3411, Maps and Mapmaking  
GEO 3426, Advanced GIS  
GEO 4427, GIS Design and Implementation  
GEO 4393F/HON 3395S, Geographies of Holocaust and Genocide
- Undergraduate/Graduate: GEO 4411/5417, Advanced Map Design  
GEO 4422/5408, Web Mapping  
GEO 4324/5324, GPS and GIS  
GEO 3307/5395, Geography of Europe  
GEO 4310/5308, Regional Field Studies
- Graduate only: GEO 5418/7417, Geographical Information Systems  
GEO 5395/7372, Problems in Applied Geography/Seminar in Geographic Information Sciences, Qualitative GIS  
GEO 5317/7393P, Applied Human Geography/Advanced Seminar Human Geography: The Geospatial Humanities  
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:

#### Texas State University, Geography:

Dissertation Advisor:

*Completed:*

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"

Mark Deka (Ph.D. 2019)

"The Geography of Farmworker Health: A Mixed-Methods Exploratory Analysis of Chronic Disease"

Shelley Burleson (Ph.D., 2019)

"GIScience for Genocide Studies: Challenges and Methods for Managing and Analyzing Geohistorical Data"

Francesco Zignol (Ph.D., 2019)

“Water in a Changing Climate: Montana’s Flathead Indian Reservation, 1961-2100”

Mael Le Noc (Ph.D. 2021)

“The case of the Arts-et-Métiers and the Enfants-Rouges quarters of the third arrondissement of Paris, 1940-1944”

*In progress:* Molly Miranker, Yusik Choi, Christopher Anderson, Veronika Teiler, Andrei Kushkin, Heather Swienton

Dissertation Committee Service:

*Completed:* Xueqin He, Amanda Keen-Zebert, Qui Xiaomin, Lin Shing-Tzong, David Viertel, Bill Collins, Suzi Wiseman, Matthew Connolly, Lin Yan, Benjamin Prince, Milad Mohammadalizadehkorde, Shadi Maleki

*In progress:* Jeff Scott, Adam Clark, Mogahid Hussein, Todd Briere (Department of Anthropology), Mariah Moe (Department of Anthropology)

University of Connecticut:

Dissertation Committee Service: Antonio Barocci, Department of Geography, completed July 2020

University of Massachusetts Boston:

Dissertation Committee Service:

Aileen Bellwood (Ph.D., 2005, Environmental Sciences/Environmental Biology)

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

#### **GRADUATE THESES:**

Texas State University:

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), Mael Le Noc (completed 2016), Heather Swienton (completed 2021), Elena Shabalina (completed 2021)
- 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 Burlison (completed 2009), Seth Neuman (completed 2009), Nancy Heger (completed 2012), Jennet Seegers (completed 2012), Virginia Moore (completed 2013), Jaime Henkhaus (completed 2014), Keagan McNew (completed 2019)

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.), Phillicia Phillips (M.S.), Jana Harter (M.A.G.), Manuel Lopez (M.A.G.), Kelsee Hentschel (M.S., Anthropology)

In progress: Andrew Adams (M.S., Geography)

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

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

- HON 3395S: Geographies of the Holocaust and Genocide. New Honors course for the 2018-2019 academic year

- GEO 5317/7393P, Applied Human Geography/Advanced Seminar Human Geography: The Geospatial Humanities. New Graduate course for the 2019-2020 academic year

- GEO 5395/7372: Problems in Applied Geography/Seminar in GIScience: Qualitative GIS. New Graduate course for the 2019-2020 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

#### WORKS IN PRINT: REFEREED PUBLICATIONS

##### *Books*

- Giordano, A., Shaw, S-L., and Sinton, D., eds. 2020. The Geospatial Humanities: Transdisciplinary Opportunities. *International Journal of the Humanities and Arts Computing (IJHAC)*, 14-2. Proceedings of the 2019 UCGIS Symposium. Edinburgh, UK: Edinburgh University Press.
- Knowles, A., Cole, T., and Giordano, A., eds. 2014. *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.

##### *Book chapters*

- Giordano, A., forthcoming in 2022. Towards Interdisciplinarity: The Relationship between GIS/GIScience/Cartography and Human Geography. In: M.W. Rosenberg, S. Lowell, S.E. Coen (Eds.), *Handbook of Methodologies in Human Geography*, Chapter 5, Routledge: London.
- Cole, T. and Giordano, A. 2022. Digital Mapping. In *Doing Spatial History* (Riccardo Bavaj, Konrad Lawson, Bernhard Struck, eds.). London, Routledge, 274-287.
- Giordano, A. 2021. La geografía en la narrativa. Visualización de datos, genocidios y ciencias forenses ("Geography is inside narratives": Data visualization, genocide studies, and forensic anthropology). In *NUEVAS TECNOLOGÍAS EN BÚSQUEDA FORENSE: Recursos para la crisis de desapariciones en México*, [Equipo Argentino de Antropología Forense (EAAF) and Centro de Derechos Humanos de las Mujeres (CEDEHM), eds.]. Mexico City, EAAF and CEDEHM, 178-189. Available online at [https://eaf.org/el-eaaf-presento-el-libro-nuevas-tecnologias-en-busqueda-forense/#descargar\\_pdf](https://eaf.org/el-eaaf-presento-el-libro-nuevas-tecnologias-en-busqueda-forense/#descargar_pdf).
- Knowles, A. K., Jaskot, P B., Cole, T., and Giordano, A. 2021. Mind the Gap: Reading Across the Holocaust Testimonial Archive. In *Lessons and Legacies XIV: The Holocaust, Digital Humanities and Cultural History* (Tim Cole and Simone Gigliotti, eds.). Chicago, Northwestern University Press, 216-241.
- Giordano, A. 2019. GIS&T and the Digital Humanities. In *The Geographic Information Science & Technology Body of Knowledge* (John P. Wilson, ed.). DOI: 10.22224/gistbok/2019.2.8.
- Cole, T. and Giordano, A., 2016. Microhistories, Microgeographies: Budapest, 1944, and Scales of Analysis. In *Microhistories of the Holocaust* (Claire Zalc and Tal Bruttman, eds.). Oxford, UK, Berghahn, 113-127.
- Anderson, S., Giordano, A., Costanza, R. Kubiszewski, I., Sutton, P., Maes, J., and Neale, A., 2017. National Ecosystem Service Mapping Approaches. In *Mapping Ecosystems Services* (Benjamin Burkhard and Joachim Maes, eds.), Pensoft, 239-245.
- Interview with Anne Knowles, Tim Cole, Alberto Giordano, and Paul B. Jaskot, Contributing Authors of *Geographies of the Holocaust* [Interviewed by Claudio Fogu and Todd Presner], 2016. In *Probing the Ethics of Holocaust Culture* (Claudio Fogu, Wulf Kansteiner, and Todd Presner, eds.), Cambridge, MA: Harvard University Press, 240-256.
- Giordano, A., Cole, T., and Knowles, A., 2014. Geographies of the Holocaust. In *Geographies of the Holocaust* (Knowles, A., Cole, T., and Giordano, A., eds.), Chapter 1. Bloomington, IN: Indiana University Press, 1-17.
- Giordano, A. and Holian, A., 2014. 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, 52-86.
- Cole, T. and Giordano, A., 2014. 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, 121-157.
- Cole, T. and Giordano, A., 2014. 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, 265-291.
- 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

- Giordano, A., Cole, T., and Le Noc M, forthcoming in 2022. Giordano, A., Cole, T., and Le Noc, M. Social Networks in Space and Time: A Visualization and Analytical Model. *Transactions in GIS*.
- Cole, T. and Giordano, A., 2021. Geographies of Rescue: Spatial Patterns and Social Geographies of Jewish Rescue in Budapest, 1944. *Journal of Historical Geography*, 71, 63-72.
- Miranker, M. and Giordano, A. 2020. Text Mining and Semantic Triples: Spatial Analyses of Text in Applied Humanitarian Forensic Research. *Digital Geography and Society*.  
<https://doi.org/10.1016/j.diggeo.2020.100005>.
- Miranker, M., Giordano, A., and Spradley, K. 2020. Phase II Spatial Patterning of Vulture Scavenged Human Remains. *Forensic Science International*. <https://doi.org/10.1016/j.forsciint.2020.110392>.
- Le Noc, M., Giordano, A., and Cole, T. 2020. The Geography of the Holocaust in Italy: Spatio-Temporal Patterns of Arrest for Families and Individuals. *The Professional Geographer*, 72(4), 575-585.
- Andris, C., Ayers, E., Grossner, K., Hu, Y., Hart, K., Thatcher, J., Tally, R. T. Jr., with Alberto Giordano, 2020. Towards the Geospatial Humanities: Reflections from Two Panels. *The Geospatial Humanities: Transdisciplinary Opportunities* (Giordano, A., Shaw, S-L., and Sinton, D., eds.), Special Issue of the International Journal of the Humanities and Arts Computing. Edinburgh, UK: Edinburgh University Press.
- Giordano, A., Shaw, S-L., and Sinton, D., 2020. The Geospatial Humanities: Transdisciplinary Opportunities: Introduction to the Special Issue. *The Geospatial Humanities: Transdisciplinary Opportunities* (Giordano, A., Shaw, S-L., and Sinton, D., eds.), Special Issue of the International Journal of the Humanities and Arts Computing. Edinburgh, UK: Edinburgh University Press.
- Giordano, A. and Cole, T., 2019. Places of the Holocaust: Towards a Model of a GIS of Place. *Transactions in GIS, Special Issue: Modelling and Analysing Platial Representations*, 24(4), 842-857.
- Giordano A. and Cole, T. 2018. The Limits of GIS: Towards a GIS of Place. *Transactions in GIS*, 22(3)-1:13.
- Giordano, A. and Spradley, K., 2017. Migrant Deaths at the Arizona-Mexico Border: Spatial Trends of a Mass Disaster. *Forensic Science International*, 280, 200-212.
- Burleson, S. and Giordano, A., 2016. Spatiality of the Stages of Genocide: The Armenian Case. *Genocide Studies and Prevention: An International Journal*, 10(3), 39-58.
- Sampson, G., Moore, V., Bousman, B., Stafford, B. Giordano, A., and Willis, M. 2015. A GIS Analysis of the Zeekoe Valley Stone Age Archeological Record in South Africa. *Journal of African Archeology*, 13(2), 167-185.
- Seegers, J. and Giordano, A., 2015. Cartographic Constructs: A Case Study of Nantucket Oral Histories. *The Professional Geographer*, 67(4), 541-554.
- Burleson, S. and Giordano, A. 2015. Extending Metadata Standards for Historical GIS Research: A Case Study of the Holocaust in Budapest and the Armenian Genocide in Turkey. *International Journal of Applied Geospatial Research*, 6(4), 88-109.
- 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.

#### *Conference proceedings*

- Giordano, A., Verbickienė, J., Jakulisc, M., Ryčkov, A., Poška, A., Teiler, V., and Cole, T., 2021 Mapping geohistorical narratives: The Grand Duchy of Lithuania borderlands infrastructures project, 18th century. *2021 International Cartographic Conference*, Florence, Italy, 14-18 December 2021. Refereed abstract.
- Swienton, H. and Giordano, A, 2021. Children's cartography: what is a map according to children? *2021 International Cartographic Conference*, Florence, Italy, 14-18 December 2021. Refereed abstract.
- Giordano, A. and Verbickienė, J. Identifying and Reconstructing the Network of Jewish Rented Inns along the Border of Prussia and the Grand Duchy of Lithuania. *What's New, What's Next? Innovative Methods, New Sources, and Paradigm Shifts in Jewish Studies Conference*, Polish Museum of Jewish History, Warsaw, Poland. Refereed abstract.
- Giordano, A. 2019. Cartographies of Genocide. *2019 International Cartographic Conference*, Tokyo, Japan, July 2019. Refereed abstract. Online at <https://www.abstr-int-cartogr-assoc.net/1/95/2019/>.
- 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.
- Stanek, H., Smith, N., Giordano, A. 1995. Modellierung und Normierung von Datenqualität im GIS. In Dollinger, F., Strobl, J.: *Angewandte Geographische Informationstechnologie VII. Beiträge zum GIS-Symposium 5.-7. Juli 1995*, (F. Dollinger, Strobl, J., eds.). Salzburger Geographische Materialien 22, Salzburg, 265-274.
- 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 System*, Paris, France. Published by the European Geographic Information Systems Foundation, Utrecht, 426-433. Online at: <http://libraries.maine.edu/Spatial/gisweb/spatdb/egis/eg94048.html>

#### WORKS IN PRINT: NON-REFEREED PUBLICATIONS

##### *Selected publications*

- Giordano, A. 2016. Why Become a Geographer? In *Geography for the Curious: Why Study Geography?* (Alexander Murphy, John Sharp, Daniel Sui, Matthew Wilson, Hari Pant, Kishor Vaidya, Alberto Giordano, eds.). The Curious Academic Publishing. Available on Kindle at amazon.com.
- Giordano, A. 2015. Comité Européen des Responsables de la Cartographie Officielle (European Committee of Representatives for Official Mapping; International). In *The History of Cartography, Volume 6: Cartography in the Twentieth Century* (Mark Monmonier, ed.), Chicago: University of Chicago Press, 266-267.
- Giordano, A. 2015. Istituto Geografico De Agostini (Geographical Institute De Agostini; Italy). In *The History of Cartography, Volume 6: Cartography in the Twentieth Century* (Mark Monmonier, ed.), Chicago: University of Chicago Press, 696-699.
- Giordano, A. 2015. Military Mapping by Italy. In *The History of Cartography, Volume 6: Cartography in the Twentieth Century* (Mark Monmonier, ed.), Chicago: University of Chicago Press, 921-924.
- Giordano, A. 2015. Geographic Information Systems (GIS) Software. In *The History of Cartography, Volume 6: Cartography in the Twentieth Century* (Mark Monmonier, ed.), Chicago: University of Chicago Press, 1438-1483.
- Giordano, A. 2014. Academic Transitions: The Perspective of a (first-year) Chair. *The Southwestern Geographer*, 17:15-18.
- Cole, T., Giordano, A., Knowles, A., and Jaskot, P. 2014. *Charting the World with Testimony: A New Methodology*. Past Forward: The Digest of USC Shoah Foundation, Spring 2014, 16-18.
- 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.

##### *Selected reports*

- Giordano, A., Kemp, K., and Sinton, D. 2019. Report on UCGIS Activities, 2018 and 2019. *US National Report, US National Committee for the International Cartographic Association*, July 2019. Online at: <https://cartogis.org/usnc-ica/us-national-report/>
- 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.

#### *Selected others*

Cole, T, Giordano, A., and Steiner, E. 2014. Mapping Mobility in the Budapest Ghetto. Interactive visualization and commentary. *Spatial History Lab, Stanford University, Palo Alto, CA*. Online at:

[http://web.stanford.edu/group/spatialhistory/cgi-bin/site/viz.php?id=411&project\\_id=0](http://web.stanford.edu/group/spatialhistory/cgi-bin/site/viz.php?id=411&project_id=0)

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.

#### **WORKS NOT IN PRINT**

*Selected and recent (after 2000) Papers Presented at Professional Meetings*

Giordano, A. 2021. Panel Organizer: "GIScience and Public Policy: Elements for a Professional Ethics," *UCGIS Virtual Annual Symposium*.

Le Noc, M., Giordano, A., and Cole, T. 2021. Visualizing and Analyzing Family's Trajectories in the Holocaust: Representational Models. Virtual presentation, *AAG Virtual Annual Meeting*.

Miranker, M. and Giordano, A. 2021. Principles for a Humanitarian GIScience: Concepts, Challenges, and an Example. Virtual presentation, *AAG Virtual Annual Meeting*.

Giordano, A. 2021. Session Chair: "Holocaust & Genocide Geographies 1: Methods," *AAG Virtual Annual Meeting*.

Giordano, A. 2021. Session Organizer: "Holocaust & Genocide Geographies 2: Experiences," *AAG Virtual Annual Meeting*.

Miranker, M. and Giordano, A. 2020. NamUs Location Data: Cluster Analysis of Migrant Deaths at the Texas-Mexico Border, 1990 to 2017. *Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA*.

Kaplan, M. A., Spradley, M. K., Doretti, M. C., Canales, E., Kovic, C., Giordano, A., Herrmann, N. P., Siegert, C. C., McDanel, C. P., Miranker, M., and Gocha, T. P. 2019. Standardizing the Use of Grave Markers for Unidentified Migrant Remains in South Texas Cemeteries. *Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA 2020*.

Giordano, A. 2019. Place, Space and Narratives of the Holocaust in Italy. *South Central Modern Language Conference, Little Rock, AR*. Delivered by Moira Di Mauro-Jackson.

Giordano, A. 2018. Cartographies of Genocide. *Race, Ethnicity and Place Conference, Austin, TX*.

Giordano, A. and Cole, T. 2018. The limits of GIS: Towards a GIS of Place. *2018 ESRI User Conference, San Diego, CA*.

Spradley, K., Doretti, M., Kovic, C., Canales, E., Miranker, M., Daniell, R., Gocha, T., Strand, R., and Giordano, A. 2017. Searching for the Unidentified in South Texas: The Forensic Border Coalition (FBC) Cemetery Survey Project. *Annual Scientific Meeting of the American Academy of Forensic Sciences, New Orleans, LA*.

Giordano, A. 2017. Spatial Memory of the Holocaust (1). *Annual Meeting of the Association of American Geographers, Boston, MA*. Session Chair and Co-organizer.

Giordano, A. 2017. From the National to the Individual: A Narrative of the Holocaust in Italy. *Annual Meeting of the Association of American Geographers, Boston, MA*.

Giordano, A. 2017. Social Media and the Academic Life: Strategies in Student Recruitment, Retention, and Professionalism. *Annual Meeting of the Association of American Geographers, Boston, MA*. Panelist.

Giordano, A. 2016. AAG Chairs' Symposium on Social Media. *Annual Meeting of the Association of American Geographers, San Francisco, CA*. Panelist.

Le Noc, M. and Giordano, A. 2016. Family Separation during the Holocaust in Italy, *Annual Meeting of the Association of American Geographers, San Francisco, CA*.

Giordano, A. and Cole, T. 2016. Placing Holocaust Testimonies and Social Networks in Budapest and Italy. *Annual Meeting of the Association of American Geographers, San Francisco, CA*.



- Giordano, A. 2016. Geography of the Holocaust in Italy. *11<sup>th</sup> Conference of Italian Researchers in the World*, Houston, TX.
- Le Noc, M. and Giordano, A. 2015. Spatio-Temporal Patterns of Jewish Family Arrest during the Holocaust in Italy. *Annual Meeting of the Southwest Division of the Association of American Geographers (SWAAG)*, San Antonio, TX.
- Giordano, A. 2015. Geography of the Holocaust 4: Research Perspectives. *Annual Meeting of the Association of American Geographers*, Chicago, IL. Panelist and session organizer.
- Sampson, G., Moore, V., Stafford, R., Giordano, A., Wills, M., Dalbey, T, and Bousman, B. 2014. A GIS Analysis of the Zeekoe Valley Archaeological Project Hunter-Gatherer Archaeological Record. *From Past to Present: Changing Climates, Ecosystems and Environments of Arid Southern Africa - A Tribute to Louis Scott*, Bloemfontein, South Africa. Poster presentation.
- 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 (SWAAG)*, 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 Massachusetts: 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.

*Selected and recent (after 2000) Invited Talks, Lectures, Presentations*

- Invited talks:

- Giordano, A. 2021 The Geospatial Humanities: Principles and Applications. Virtual presentation, *Department of Geography Colloquium, Texas A&M University*.
- Cole, T., Giordano, A., Hahmann, T., and Steiner, E. 2021. Geographies of the Holocaust: Visualizing the spatialities of genocide. *Digital Humanities Hangout*, Universidade Nova de Lisboa, Lisbon, Portugal.
- Giordano, A. 2019. The Spaces and Places of the Holocaust: Reflections on a GIS of Place. *University of Colorado, Colorado Springs, Café Scientifique Speaking Series*, Colorado Springs, CO.
- Giordano, A. 2018. From the National to the Individual: Narratives of the Holocaust in Italy. *Italian Academy, Columbia University*, New York, NY.
- Giordano, A. Geographies of the Holocaust, 2017. *Department of Geography, University of Cologne*, Cologne, Germany.
- Giordano, A. Geographies of the Holocaust, 2016. *Department of Geography, Miami University*, Oxford, OH.
- Cole, T., Giordano, A., Jaskot, P., Knowles, A. 2016. Geographies of the Holocaust: An Innovative Multidisciplinary Research Collaboration. *Presentation to the Board of Councilors, Shoah Foundation, University of Southern California*, Los Angeles, CA.
- Cole, T., Giordano, A., Jaskot, P., and Knowles, A. 2016. Placing Testimony. *Shoah Foundation, University of Southern California*, Los Angeles, CA.
- Knowles, A. and Giordano, A. 2015. Geographies of the Holocaust. *Interdisciplinary Humanities Center University of California Santa Barbara*, Santa Barbara, CA.
- Knowles, A. and Giordano, A. 2015. From Space to Place: Exploring Geographies of the Holocaust. *spatial@UCSB, Center for Spatial Studies, University of California Santa Barbara*, Santa Barbara, CA.
- Giordano, A. 2014. The Spatial Patterns of the Holocaust: Case-Studies at the Urban and National Scale. *NEH Workshop on Digital Methods for Military History, Northeastern University*, Boston, MA.
- Cole, T., Giordano, A., Knowles, A., and Jaskot, P. 2014. The Holocaust Geographies Collective. *Shoah Foundation, University of Southern California*, Los Angeles, CA.
- Giordano, A. 2014. Geographies of the Holocaust - Research presentation. *Department of Geography, California State University Long Beach*, Long Beach, CA.
- Giordano, A. 2014. Geographies of the Holocaust. *Department of Geography, Texas A&M University*, College Station, TX.

- Giordano, A. 2013. Cartographies of Genocide and the Holocaust: Qualitative and Quantitative Perspectives. *Hall Center for the Humanities, University of Kansas, Lawrence, KS.*
- Giordano, A. and Holian, A. 2013. Retracing the "Hunt for Jews": A Spatio-Temporal Analysis of the Holocaust in Italy. *Shoah Foundation, University of Southern California, Los Angeles, CA.*
- Giordano, A. 2010. From the Local to the Continental: Geographies of the Holocaust. *Geospatial Information Sciences Colloquium, University of Texas at Dallas, Dallas, TX.*
- Cole, T. and Giordano, A. 2010. Jewish Absence and Presence, Budapest 1944: A Spatio-Temporal Analysis. *Institute for Advanced Studies (IAS) Workshop, University of Bristol, Bristol, UK.*
- Giordano, A. 2010. GIScience and the Geography of the Holocaust: Case Studies of Budapest and Italy. *Department of Geography, University of Denver, Denver, CO.*
- Giordano, A. 2010. GIScience and the Geography of the Holocaust: Case Studies of Budapest and Italy. *Spatial History Lab, Department of History, Stanford University, Palo Alto, CA.*
- Giordano, A. and Holian, A. 2010. The Holocaust in Italy: A Geographical and Historical Analysis. *Department of Geography, University of Arizona, Tucson, AZ.*
- Giordano, A. and Holian, A. 2010. The Holocaust in Italy: A Geographical and Historical Analysis. *Department of History, Arizona State University, Phoenix, AZ.*
- Giordano, A. 2009. Geographies of the Holocaust. The Italian Case-Study. *Department of Geography, San Diego State University, San Diego, CA.*
- Giordano, A. 2008. GIScience and the Holocaust. Towards a Holocaust Historical GIS. *Department of Geography, University of Texas at Austin, Austin, TX.*
- Giordano, A. 2003. Historical GeoInformation: Concepts, Issues, Solutions. *NCGIA-IGERT Presentation, Department of Geography, SUNY Buffalo, Buffalo, NY.*
- Giordano, A. 2003. Historical GeoInformation: Concepts, Issues, Solutions. *Department of Geography, University of Oklahoma, Norman, OK.*
- Giordano, A. 2002. Historical GeoInformation: Concepts, Issues, Solutions. *Department of Geography, West Virginia University, Morgantown, WV.*
- Invited/refereed/keynote conference presentations:
- Giordano, A., Verbickienė, J., Jakulis, M., Ryčkov, A., Poška, A., Teiler, V., and Cole, T. 2021 Mapping geohistorical narratives: The Grand Duchy of Lithuania borderlands infrastructures project, 18th century. *2021 International Cartographic Conference, Florence, Italy. December 18, 2021.*
- Swienton, H. and Giordano, A. 2021. Children's cartography: what is a map according to children? *2021 International Cartographic Conference, Florence, Italy. December 15, 2021.*
- Giordano, A. and Verbickienė, J. 2021. Identifying and Reconstructing the Network of Jewish Rented Inns along the Border of Prussia and the Grand Duchy of Lithuania. *What's New, What's Next? Innovative Methods, New Sources, and Paradigm Shifts in Jewish Studies Conference, Polish Museum of Jewish History, Warsaw, Poland. Delivered October 7, 2021.*
- Giordano, A. 2021. Through the Prism of Scale: Geographic Information Science and Technologies for Forensic Anthropology and Genocide Studies. *iGISc 2021, Mexico City, Mexico, 3 November 2021. Keynote presentation.*
- Cole, T., Giordano, A., Hahmann, T., and Steiner, E. 2021. Geographies of the Holocaust: Visualizing the spatialities of genocide. *Digital Humanities Hangout, Universidade Nova de Lisboa, Lisbon, Portugal.*
- Giordano, A. 2021. Visualización de datos, análisis espacio temporales, información geográfica y cartográfica. *Programa de formación para la Unidad de Búsqueda de Personas Desaparecidas (Colombia) and Fundación de Antropología Forense de Guatemala, Bogota, Colombia.*
- Cole, T. And Giordano, A. 2020. Meeting with Young Researchers on the Geographies of the Holocaust Project. *AGIT & GI Forum 2020, University of Salzburg, Austria, July 8, 2020.*
- Giordano, A. And Gigliotti S. 2020. An Expedition into Maritime Metadata: Source Discovery and GIS Database Design. *The Holocaust at Sea: A Discovery Project and Research Network on Holocaust Mobility Histories, Maritime Geographies, and Mapping Technologies. Royal Holloway, University of London, UK, November 4, 2020.*
- Giordano, A. 2019. Cartographies of Genocide. *International Cartographic Conference, Tokyo, Japan.*
- Giordano, A. 2019. Geographic Information Science and Technologies for Forensic Anthropology and Genocide Studies: A Multi-Scale Perspective. *Encuentro Internacional Sobre Nuevas Tecnologías de Búsqueda Forense/Forensic Search Technologies Conference, Mexico City, Mexico.*

- Giordano, A. 2019. Spaces and Places of the Holocaust: Methodological Reflections. *Visualization & the Holocaust: Analyzing Space and Place with Digital Methods and Geographical, Textual, and Visual Sources*, Duke University, Durham, NC.
- Giordano, A. 2018. From the Individual to the Continental: Narratives of the Holocaust in the Digital Age. *EHRI Seminar: From the Living Room to the World-Wide Web: Documenting, Uploading and Utilizing Holocaust Testimonies in the Digital Age*, Jerusalem, Israel.
- Jaskot, P., Cole, T., Deblinger, R. Giordano, A., and Knowles, A. 2018. Digital Methods for Working with Spatial Evidence in Testimony. Workshop, *Lessons and Legacies XV*, Saint Louis, MO.
- Cole, T. and Giordano, A. 2018. Space and Place in Holocaust Studies: What We Have Learnt and Current and Future Work. Keynote address, *EHRI Seminar: Researching and Remembering the Holocaust in Central Europe: New Sources, Methods and Approaches*, Central European University, Budapest, Hungary.
- Cole, T. and Giordano, A. 2018. Space and Place in Holocaust Studies: What We Have Learnt and Current and Future Work. Keynote address, *EHRI/RFHE Workshop: Jewish Heritage Records and Digital Humanities*, Wiener Library, London, UK.
- Cole, T. and Giordano, A. 2018. Introduction to Spatial Data. *EHRI/RFHE Workshop: Jewish Heritage Records and Digital Humanities*, King's College, University of London, London, UK.
- Giordano, A. 2018. Presidential Address. *UCGIS 2018 Symposium and CaGIS AutoCarto*, Madison, WI.
- Giordano, A. 2017. The Expanded Potential of GIS for the Study of the Holocaust. *Digital Approaches to Genocide Studies*, USC Shoah Foundation Center for Advanced Genocide Research, Los Angeles, CA.
- Cole, T. and Giordano, A. 2017. GIS and Corpus Linguistics: Ghetto Space and the Place of the Ghetto in Budapest. *Digital Approaches to Genocide Studies*, USC Shoah Foundation Center for Advanced Genocide Research, Los Angeles, CA.
- Giordano, A. Spaces and Places of the Holocaust, 2017. Keynote address, *Digital Humanities Symposium*, University of Oklahoma, Norman, OK.
- Giordano, A. 2017. From the National to the Individual: A Narrative of the Holocaust in Italy. *Holocaust Studies after the Spatial Turn: An International Research Workshop Organized by the Centre for Holocaust and Genocide Studies, University of Bristol and the Holocaust Research Institute, Royal Holloway, University of London. Bristol and London*.
- Cole, T. and Giordano, A. 2016. *Digitally Exploring Social Networks During the Holocaust*. Lessons and Legacies Biannual Conference, Claremont-McKenna College, Ontario, CA.
- Giordano, A. 2015. The Holocaust Geographies Collaborative, 2007-2014. *Panel on Digital Humanities at the 2015 Southeast German Studies Workshop, Davidson College & University of North Carolina Charlotte*, Davidson, NC.
- Giordano, A. et al. 2014. Book Discussion: Authors/Editors Meet Critics: Geographies of the Holocaust: Place, Space, Digital Humanities and the Holocaust. *Lessons and Legacies Biannual Conference*, Florida Atlantic University, Boca Raton, FL.
- 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.
- 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.
- 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*, Northwestern University, Evanston, IL.
- Giordano, A., GIScience and the Geography of the Holocaust. *Texas State Geography Student Research Symposium*, San Marcos, TX. Keynote speaker.
- Cole, T. and Giordano, A. 2010. The Computational Turn: GIScience and the Holocaust. *Workshop on The Computational Turn*, University of Swansea, Swansea, UK.
- 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*, Florida Atlantic University, Boca Raton, FL.
- Giordano, A. and Holian, A. 2010. A Spatial Analysis of the Holocaust in Italy: National and International Dimensions. *Lessons and Legacies Biannual Conference*, Florida Atlantic University, Boca Raton, FL.

- Giordano, A, 2010. For an Historical GIS of the Holocaust: Challenges and Opportunities. *Texas Map Society Spring 2010 Meeting*, Austin, TX.
- Cole, T., Giordano, A., and Knowles A. 2008. Mapping Holocaust Geographies: the Employment of Experiences. *Lessons and Legacies Biannual Conference*, Northwestern University, Evanston, IL.
- Giordano, A. 2007. Historical GIS: Characteristics, Potential, Challenges. *Military Geography Specialty Group, Annual Meeting of the Association of American Geographers*, San Francisco, CA. Keynote speaker.
- **Invited lectures:**
- Giordano, A. 2015. Geography of the Holocaust in Italy. *Undergraduate class on the Digital Humanities* (Claudio Fogu, instructor), University of California Santa Barbara, Santa Barbara, CA.
- Giordano, A. 2015. Historical GIS and the Digital Humanities: Geographies of the Holocaust. *ArcGIS: Online Mapping for Teachers, Texas Alliance for Geographic Education (TAGE), Department of Geography, Texas State University*, San Marcos, TX.
- Giordano, A. 2014. Geographies of the Holocaust - Public presentation. *Alpert Jewish Community Center*, Long Beach, CA.
- Giordano, A. 2014. Geographies of the Holocaust. *Teaching Workshop for Public Teachers*, Long Beach, CA.
- Giordano, A. 2010. The Geography of the Holocaust. *Department of Geography, University of Denver*, Denver, CO. Undergraduate class.
- Giordano, A. 2010. The Geography of the Holocaust. *San Marcos Baptist Academy*, San Marcos, TX.
- Giordano, A. 2010. The Geography of the Holocaust. *Tapestry of Jewish Learning, Dell Jewish Community Center*, Austin, TX.
- **Invited briefing:**
- Giordano, A. and Metzel, D. 2005. The Locations of Employment Services in Relation to People with Disabilities: Policy Implications for the Reauthorization of the Workforce Investment. *Staff Briefing to the United States Senate Health, Education, Labor and Pension (HELP) Committee*, Washington, DC.

#### 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

- Faculty Mentor: *AAG/UCGIS Summer School 2019: Reproducible Problem Solving with CyberGIS and Geospatial Data Science*, University of Illinois at Urbana-Champaign, July 2019.
- Organizer: Workshop on the Geospatial Humanities: Towards a Transdisciplinary Approach, 2019 UCGIS Symposium, Washington, DC, June 10, 2019.
- Co-organizer: Center for Advanced Holocaust Studies Summer Research Workshop, *Geographies of the Holocaust*, Washington, United States Holocaust Memorial Museum, August 6-17, 2007.

### C. GRANTS AND CONTRACTS

#### Funded External Grants and Contracts

- 2021-2024:      Lithuanian Research Council, "LDK pasienio su Prūsija infrastruktūra. Jos socialinės aplinkos ir ekonominio efektyvumo tyrimas (XVIII a. antra pusė) (*The infrastructure of the GDL border with Prussia: a study of social environment and economic efficiency in the second half of the 18th century*)." 149,893 Euros (\$176,873.74 as of September 13, 2020). Role: Co-PI.
- 2018-2021:      National Endowment for the Humanities,(NEH), "The Holocaust Ghettos Project: Reintegrating Victims and Perpetrators through Places and Events." Anne Knowles (PI). Role: Consultant. Sum awarded: over \$400,000.
- 2017-2021:      Toni Schiff Memorial Foundation, UK. "The Experience of Hungarian Jews in Budapest during and immediately after the Holocaust." Alberto Giordano (PI) and Tim Cole (PI). Sum awarded: £49,570.
- 2016-2018      National Endowment for the Humanities (NEH), Digital Humanities Start-Up Grant, Level II. "Visualizing Spatial Experience in Holocaust Testimony." Anne Knowles (PI), Tim Cole (Co-PI), Alberto Giordano (Co-PI), Paul Jaskot (Co-PI). Sum awarded: \$296,455.

- 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

*External Grant Under Review*

None.

*Funded Internal Grants and Contracts*

- 2012-2013 Texas State University, 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, 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, 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**

- 2020 and 2015 *Texas State Favorite Professor*, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society
- 2019 Fulbright Specialist Program, U.S. Department of State, Bureau of Educational and Cultural Affairs (ECA). University of Vilnius, Lithuania, April 27-May 11, 2019.
- 2017 Elected member *honoris causa* of the Alpha Chi National College Honor Society
- 2016 *Faculty Award for Outstanding Achievement in International Education*, Texas State University
- 2012 Map created with Tim Cole for the Budapest chapter of the edited volume *Geographies of the Holocaust* (see referred publications) was used by Canada Post to illustrate a booklet accompanying commemorative stamps in honor of Raoul Wallenberg
- 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-planet---january-25-2012/#clip607480>), which aired January 25, 2012
- 2009 Named *Texas State Rising Star* for "Journeys of Survival"
- 1994-1999 *Invited Member*. UNINFORM Working Committee on Geographic Information Standards (UNINFORM 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 UNINFORM 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 (AT TEXAS STATE, SELECTED)**

- 2013-2014     - Reviewer, ACGM Learning Objectives, Texas Higher Education Coordinating Board. Revision of learning objectives for introductory Geography courses in Texas colleges and universities
- 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

##### **B. DEPARTMENTAL (AT TEXAS STATE, PRIOR TO 2013)**

- 2012-2013     - 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  
 - Elected by colleagues to serve in the Personal Committee’s Annual Report Review committee
- 2010-2011     - Chair, Evaluation Committee  
 - Member, Graduate Committee  
 - GIScience Program Undergraduate Advisor  
 - Elected by colleagues to serve in the Personal Committee’s Annual Report Review committee
- 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 *15<sup>th</sup> 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 (AT TEXAS STATE)**

- 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 (SELECTED)**

- 2019-2022: Elected to the Publications Committee of the Social Sciences History Association (SSHA)
- 2021-present Member, Editorial Board, *Bollettino della Societa' Geografica Italiana* (Bulletin of the Italian Geographical Society)
- 2020-2021: Member, Organizing Committee, 2021 UCGIS Annual Symposium, Philadelphia, PA
- 2021: External Member, Tenure and Promotion Review, Dr. Charles Travis, Department of History, University of Texas at Arlington
- 2020-2021: Invited Member, Scientific Committee, Italian Conference on Geomatics and Geospatial Technologies - ASITA2021 Conference
- 2019-2020: Past President, University Consortium for Geographic Information Science (UCGIS)
- 2019: Panelist, NEH Digital Humanities Advancement Grant applications. Reviewed and scored fifteen applications
- 2019: European Research Council, Panel SH3 (Social Science), Qualitative assessment of completed ERC-funded projects. One review
- 2019: External Member, Pre-tenure Review, Dr. Diep Dao, Department of Geography, University of Colorado, Colorado Springs
- 2018-2019: President, University Consortium for Geographic Information Science (UCGIS)
- 2017-2018: President Elect, University Consortium for Geographic Information Science (UCGIS)
- 2017-2018: Coordinator, Texas Alliance for Geographic Education
- 2014-2018 Member, Board of Directors, National Center for Research in Geography Education (NCRGE)
- 2017: Reviewer, TAMU-CC Geospatial Engineering MS Program
- 2016-present: Board Member, Race Ethnicity Place Conference series
- 2016- present: Affiliate, USC Shoah Foundation
- 2016-present: Member, Forensic Border Coalition
- 2013-present Member, Editorial Board, *The Southwestern Geographer*
- 2008-2014 Member, Austin Community College GIS Advising Board
- 2007-present Texas State University Delegate to the University Consortium for Geographic Information Science (UCGIS)



2015: External Member, Tenure-and-promotion review committee, Dr. Pinliang Dong, Department of Geography, University of North Texas

2009 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), the Social Sciences and Humanities Research Council of Canada (SSHRC), the Israel Science Foundation, The National Endowment for the Humanities (NEH), the European Research Council, CONACYT (Consejo Nacional de Ciencia y Tecnología de México).

- 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.

- Participant in the Delphi Study "Validation of a framework to analyse Holocaust content on social media" - Round 1 (485418). Project: "Countering Holocaust distortion on social media. Promoting the positive use of Internet social technologies for teaching and learning about the Holocaust", Grant to Italian CNR from the 'International Holocaust Remembrance Alliance (IHRA Grant # 2020-792)."

- Reviewer for *The Professional Geographer*; *Annals of the Association of American Geographers*; *Transactions in GIS, Cartographica*; *Space and Polity*; *The Cartographic Journal*; *Cartography and Geographic Information Sciences*; *The Geographical Review*; *International Journal of Geographic Information Science*; *Population and Environment*; *Computers, Environment, and Urban Systems*; *Journal of Historical Geography*; *Computers and Geoscience*; *Annals of Regional Science*.

- Reviewer of pre-publication book manuscripts: a) *Managing GIS*, by Nancy Obermeyer and Jeff Pinto, Guilford Press; b) *Fundamentals of GIS*, by Michael DeMers, Wiley; c) *Building Nazi Germany: Place, Space, Architecture, and Ideology* by Joshua Hagen and Robert C. Ostergren, Rowman & Littlefield; d) *Violent Space: The Jewish Ghetto in Warsaw*, by Anja Nowak, Indiana University Press.

- Current Memberships: Association of American Geographers (AAG).