



DREW UNIVERSITY  
Environmental Studies, Science & Sustainability

**Lisa Marie Jordan**

Drew University  
36 Madison Ave.  
Madison NJ 07940

Office: (973) 408-3740  
Email: [ljordan@drew.edu](mailto:ljordan@drew.edu)  
<http://www.drew.edu/ess/lisa-jordan>

**TEACHING & RESEARCH INTERESTS**

---

Geographic Information Systems (GIS); Population Geography; Spatial Analysis; Health Geography; Environmental Justice

**EDUCATION**

---

- 2006 University of Colorado, Boulder; Department of Geography. **Ph.D. in Geography**, May 2006.
- 2000 University of Texas at Dallas; School of Social Sciences. **Master of Science in Applied Economics**, August 2000.
- 1999 University of Texas at Dallas; School of Social Sciences. **Bachelor of Science in Economics & Finance**, May 1999.

**PROFESSIONAL EMPLOYMENT**

---

- 2012-2017 Director, Spatial Data Center, Drew University
- 2014-2017 Assistant Professor, Department of Biology: Environmental Studies and Sustainability Program and Public Health Program
- 2016-2017 Director, Environmental Studies & Sustainability Program, Drew University
- 2006-2011 Assistant Professor, Department of Geography, Florida State University
- 2001-2006 Teaching Assistant (Lecturer and Lab Instructor), Department of Geography, University of Colorado
- 1999-2000 Teaching Assistant, School of Social Sciences, University of Texas at Dallas

**COURSES TAUGHT**

---

- Advanced GIS (Fall 2014), Advanced Topics in Environmental Science, undergraduate community based learning course
- Geographic Information Systems and Processes (Spring 2007-Fall 2017), Previously taught cross-listed with graduate students (classroom and online), currently undergraduate course
- Medical Geography (Fall 2006-2010, Spring 2015-2017), Previously taught cross-listed, currently community based learning, undergraduate course
- Environment, Society and Sustainability (Fall 2015-2017), undergraduate course
- Beyond Earth Art: Contemporary Artists and the Environment in Crisis (Spring 2015), Co-taught with Artist-in-Residence, Valerie Hegarty, undergraduate interdisciplinary course
- Globalization (Fall 2012, Spring 2011, Summer 2005-2006), Cross-listed graduate and undergraduate course



DREW UNIVERSITY  
Environmental Studies, Science & Sustainability

Environmental Justice and GIS (Spring 2010), Graduate course

Social Applications of Geographic Information Systems (Spring 2006-2010), Graduate course

Human Geography (Fall 2007), Undergraduate Course

Lab Instructor/Recitation Instructor for Quantitative Geography (2005-2006), Political Geography (2001-2006), and Urbanization, Migration and Development (2001-2002), United Nations (2000), and Statistics for Economists (1999)

## PUBLICATIONS

---

### Articles:

Jordan, L, Stallins, A, Stokes, S, Johnson, E, Gragg, R. (2011) "Citizen Mapping and Environmental Justice: Internet Applications for Research and Advocacy." *Environmental Justice* 4(3): 155-162.

Jordan, L, et al. (2010) Practical Approaches to Spatial Estimation of Disaster-Affected Populations. *International Journal of Applied Geospatial Research*. 1(3): 31-48.

Jordan, L, Rose R (2010) Population Explorer: Estimate Local Populations Anywhere. *Field Exchange: Emergency Nutrition Network*, 38: 3-5.

Asumda, F, Jordan, L (2009) Minority Youth Access to Tobacco: A Neighborhood Analysis of Underage Tobacco Sales. *Health and Place*. 15:140-147.

Jordan, L (2008) Improving Livelihoods by Improving Access: The Application of Geospatial Technologies to Health Care Accessibility. *Harvard Health Policy Review*. 9: 210-222.

Jordan, L (2007) Religious Adherence and Diversity in the United States: A Geographic Analysis. *Geography of Religion and Belief Systems*. 2: 3-20.

Mennis, J, Jordan, L (2005) The Distribution of Environmental Equity: Exploring Spatial Nonstationarity in Multivariate Models of Air Toxic Releases. *Annals of the Association of Geographers* 95(2): 249-268.

Rogers, A, Jordan, L (2004) Estimating Migration Flows from Birthplace-Specific Population Stocks of Infants. *Geographical Analysis* 36:1-16

### Book Chapters and Reviews:

Jordan, L (2011) "Public Health and Geography." *21st Century Geography: A Reference Handbook*, ed. J.P. Stoltman. Thousand Oaks, CA: Sage.

Jordan, L (2010) Review Essay: Religion and Political Geography in the United States. *Political Geography*.

Jordan, L (2010) Book Review: Strong Women, Dangerous Times: Gender and HIV/AIDS in Africa, E. Kalipeni, K. Flynn, and C. Pope (Eds.), New York: Nova Publishers. *GeoJournal*.

Jordan, L (2010) GIS in Health Research and Health Care. In Barney Warf (ed.) *Encyclopedia of Human Geography*, Thousand Oaks, CA: Sage.

Jordan, L (2010) Medical Geography. In Barney Warf (ed.) *Encyclopedia of Human Geography*, Thousand Oaks, CA: Sage.

Jordan, L (2010) Spatial Data Models. In Barney Warf (ed.) *Encyclopedia of Human Geography*, Thousand Oaks, CA: Sage.



## DREW UNIVERSITY

### Environmental Studies, Science & Sustainability

Raleigh, C, Jordan, L. (2009) Climate Change and Migration: Emerging Patterns in the Developing World. In R. Mearns and A. Norton (eds.) *Social Dimensions of Climate Change Equity and Vulnerability in a Warming World*. Washington DC: World Bank:103-131.

#### *Reports:*

Jordan, L. (2013) "A Comparison of the Functionality and Datasets Available through Population Explorer and Alternative Applications." USAID, Famine Early Warning Systems Network (FEWSNET). Report No. AID-OAA-C-11-00171.

Jordan, L. (2007) "Geo-coding and Census Mapping: Conceptual Framework and Different Approaches." United Nations Expert Group Meeting on Contemporary Practices in Census Mapping and Use of Geographical Information Systems, United Nations, NY. Report No. ESA/STAT/AC115-9. Available at:

<http://unstats.un.org/unsd/demographic/meetings/egm/CensusMappingEGM07/docs/ESA-STAT-AC.115-9.pdf>

Klein, D, Jordan, L (2001) "Diffusion of Energy Efficient Technologies in the United States: The Case of Compact Florescent Light Bulbs." National Renewable Energy Laboratory, Golden, CO.

#### *Selected Conference Papers or Posters:*

2014 "[Beyond Borders: Gridded Demographic Data Sets and Web Mapping Applications for Population, Development, and Environmental Research](#)." Population Association of America, Annual Meeting. Boston, MA.

2014 "Demographic Data Sources and Web Mapping Applications for New Jersey." 27<sup>th</sup> Annual NJDEP Mapping Contest, Trenton, NJ [2<sup>nd</sup> Place, Best Instructional Presentation].

2013 "Conservation and Locative Media." Meeting of the Association of American Geographers, Los Angeles, CA.

2011 "Assessing the Impact of Climate Change on Migration and Conflict." Presented to the Committee on Climate, Energy, and National Security, Board on Atmospheric Sciences and Climate, National Academy of Sciences. Washington, DC.

2010 "Citizen Mapping and Environmental Justice: Internet Applications for Research and Advocacy." Meeting of the American Public Health Association, Denver, CO.

2010 "Integrating GIS into Medical Geography and Public Health Curricula." Meeting of the Association of American Geographers, Washington, DC.

## **OUTREACH**

---

2013-2015 EPA, Toxic Release Inventory (TRI) University Challenge, Partnership with Drew University.

<http://www2.epa.gov/toxics-release-inventory-tri-program/2013-14-tri-university-academic-partners>

2014-2015 Lake Hopatcong Foundation, and New Jersey Department of Environmental Protection, State Parks, Partnership with Drew University on Boat Dock Inventory for Lake Hopatcong.

2015-2017 Collaboration with Coalition against the Pilgrim Pipeline, Chatham Environmental Commission, on mapping social and environmental impacts of pipeline construction. See, for example, <http://tinyurl.com/capp-gis>

2016 Humanitarian Data Exchange, "South Sudan – County Population Estimates, 2008-2015." Published May 13, URL:

<https://data.humdata.org/dataset/south-sudan-county-population-estimates-2008-2015>

---



DREW UNIVERSITY  
Environmental Studies, Science & Sustainability

**WEBSITES**

---

Drew University, Environmental Studies & Sustainability (current webmaster):

<http://www.drew.edu/ess>

USAID, Famine Early Warning Systems (FEWSNET), Population Explorer (long term contributor to this project):

<http://www.populationexplorer.com>