

**Jennifer Winston**  
Department of Geography and  
Carolina Population Center, CB8120  
University of North Carolina at Chapel Hill  
123 West Franklin Street  
Chapel Hill, NC 27516  
jwinston@email.unc.edu

### **Education**

- PhD candidate, Medical Geography, University of North Carolina, Chapel Hill (expected 2014)
- Graduate Certificate in Geographic Information Sciences, University of North Carolina, Chapel Hill (2012)
- MA, International Environmental Policy, Monterey Institute of International Studies, Monterey, California (2002)
- BA, French studies, Lewis & Clark College, Portland, Oregon (1998)

### **Professional Experience**

- Teaching Assistant, Introduction to Geographic Information Systems, Geography 491, University of North Carolina, Chapel Hill (2011 – present)
- Research Assistant, Geography Department, University of North Carolina, Chapel Hill (2010 – 2011)
- International Affairs Specialist, National Oceanic and Atmospheric Administration, Washington, D.C. (2005-2008)
- Coastal Management Specialist, National Oceanic and Atmospheric Administration, Washington, D.C. (2003-2005)
- Project Associate, Valley Vision, Sacramento, California (2002)
- Research Intern, United Nations Development Program, Fianarantsoa, Madagascar (summer 2001)
- Science Club Educator, Oregon Museum of Science and Industry (OMSI), Portland, Oregon (1999-2000)
- Americorps Member/Environmental Educator, Oregon Trout, Portland, Oregon (1998-1999)

### **Publications**

#### Published and in press

- **Winston J**, Escamilla V, Perez-Heydrich C, Carrel M, Yunus M, Streatfield PK, Emch M. 2013. "Deep tubewells provide protection against childhood diarrhea in Matlab, Bangladesh." *American Journal of Public Health*. doi:10.2105/AJPH.2012.300975.
- **Winston J**, Emch M. 2013. "Medical Geography." In: *Oxford Bibliographies Online: Geography*. Ed. Barney Warf. New York: Oxford University Press.

- Perez, Heydrich C, Braly J, Giebultowicz, S, **Winston J**, Yunus M, Streatfield PK, Emch M. "Social and spatial processes associated with childhood diarrheal disease in Matlab, Bangladesh." *Health and Place* 19: 45-52. doi: 10.1016/j.healthplace.2012.10.002
- Carrel M, Escamilla V, Messina J, Giebultowicz S, **Winston J**, Yunus M, Streatfield PK, Emch M. 2011. "Increased tubewell density decreased diarrheal disease risk in rural Matlab, Bangladesh: a zero-inflated and geographically weighted analysis." *International Journal of Health Geographics*. 10:41. doi: 10.1186/1476-072X-10-41

#### Under review

- **Winston, J**, Meyer, R, Emch, M. "A geographic analysis of hypospadias births in North Carolina." Submitted to *Health and Place*.

#### **Presentations and Invited Lectures**

- **Winston J**. 2012. Marine protection within the International Maritime Organization: A case study of the Papahānaumokuākea Particularly Sensitive Sea Area. Invited lecture at the Monterey Institute of International Studies' International Marine Policy Speaker Series, Monterey, CA.
- **Winston J**, Escamilla V, Perez-Heydrich C, Carrel M, Yunus M, Streatfield PK, Emch M. 2012. Deep tubewells provide protection against childhood diarrhea in Matlab, Bangladesh. Paper presented at the University of North Carolina at Chapel Hill's Water and Health Conference: Science, Policy, and Innovation, Chapel Hill, NC.
- **Winston J**. 2012. An exploration of clustering of hypospadias births in North Carolina. Paper presented at the Annual Meeting of the Association of American Geographers, New York, NY.
- **Winston J**. 2011. A Multilevel Model of Mobility, SES, and HIV in Liberia. Paper presented at the Annual Meeting of the Association of American Geographers, Seattle, WA.
- **Winston J**, Messina J, Carrel M, Escamilla V, Giebultowicz S, Emch M. 2010. Relationships between childhood diarrheal disease and switching to low arsenic wells in rural Bangladesh. Poster presented at the Annual Meeting of the Association of American Geographers, Washington, DC.
- Walsh SJ, McCleary AL, Raczkowski E, Heumann B, Mena C, **Winston J**. 2009. Water and Health in the Galápagos: A spatial infrastructure for water-borne illness. Poster presented at Galapagos: A Science & Education Partnership, Chapel Hill, NC.
- **Winston J**. 2006. Moderator of Marine Litter panel session at the Second Intergovernmental Review of the Global Program of Action for the Protection of the Marine Environment from Land-based Activities, Beijing, China.

### **Grants & Awards**

- NICHD Population Research Traineeship, Carolina Population Center 2012-2013
- Chancellor's Fellowship, University of North Carolina, 2009-2014
- Future Faculty Fellowship, University of North Carolina Center for Faculty Excellence, 2012
- Carolina Population Center Pre-doctoral Traineeship 2009-2012
- Top Student Author Award, UNC Water and Health Conference, 2012
- Royster Society of Fellows Leadership Award, 2011
- NOAA Administrator's Award, 2008
- NOAA General Counsel Award, 2007
- Monterey Institute Merit Scholarship, 2000-2002
- AmeriCorps Education Award, 1999

### **University Service**

- Planning Committee, Royster Society of Fellows mentoring program, 2009-2011
- Graduate Association of Geography Students Colloquium Committee, 2009-2010

### **Professional Memberships**

- Association of American Geographers
- Population Association of America
- The Coastal Society
- Phi Beta Kappa