

## CURRICULUM VITAE

### Leslie Lyons Duncan

Department of Civil and Environmental Engineering  
Vanderbilt University, 263 Jacobs Hall  
Nashville, TN 37235-1831  
Tel. (270) 839-5796  
e-mail: [leslie.l.duncan@vanderbilt.edu](mailto:leslie.l.duncan@vanderbilt.edu)

105 N. Scenic Shore Drive  
Dover, TN 37058

#### Education:

Ph.D.	Environmental Engineering	Vanderbilt University	In Progress
M.S.	Environmental Engineering	Vanderbilt University	2011
B.S.	Mathematics and Geosciences	Murray State University	2006

#### Employment:

2009-present	Graduate Research Assistant, Vanderbilt Institute for Energy and Environment, and Consortium for Risk Evaluation with Stakeholder Participation, Vanderbilt University, Nashville, TN
2008-2008	Science Teacher, Stewart County Middle School, Dover, TN
2007-2008	Research and GIS Analyst, Connected Nation, Inc., Bowling Green, KY
2005-2007	Research and GIS Specialist, Connected Nation, Inc., Bowling Green, KY
2005-2006	Lab Instructor, Earth Science and Physical Geology, Department of Geosciences, Murray State University, Murray, KY
Summer 2004	Research Assistant, Department of Geography and Geology, Western Kentucky University, Bowling Green, KY

#### Professional Presentations:

Poster, titled, "Exploring the Effects of Climate Oscillations on the Hydroclimatology of a Regulated River Basin" was presented at the **Annual Fall Meeting of the American Geophysical Union**, San Francisco, CA, 5-9 December, 2011. (co-authored with George Hornberger)

Presentation, titled, "The Connected Nation, Inc. Broadband Initiative: Broadband Availability, Technology Adoption, and GIS Technology" was presented at the **Semi-annual**

**Meeting of the Kentucky Association of Mapping Professionals**, Murray, KY, 16 May, 2007. (co-authored with Wes Kerr)

Presentation, titled, "Broadband Availability and Technology Adoption in Kentucky" was presented at the **2006 Murray State University Scholars' Week**, Murray, KY, 17-21 April, 2006.

Poster, titled, "Large-scale climate variations and streamflow response in the Green River basin, KY" was presented at the **101st Annual Meeting of The Association of American Geographers**, Denver, CO, 5-9 April, 2005. (co-authored with Rezaul Mahmood)

Poster, titled, "Large-scale climate variations and streamflow response in the Green River basin" was presented at the **59th Annual Meeting of the Southeastern Division of The Association of American Geographers**, Biloxi, MS, 21-23 November, 2004. (co-authored with Rezaul Mahmood)

Poster, titled, "Streamflow response in the Green River basin during large-scale climate variations" was presented at the **90th Annual Meeting of the Kentucky Academy of Sciences**, Murray, KY, 4-6 November, 2004. (co-authored with Rezaul Mahmood)

#### **Professional Membership:**

The American Geophysical Union (AGU)

The American Society for Photogrammetry and Remote Sensing (ASPRS)

#### **Awards and Honors:**

Named a Fellow of the Vanderbilt Institute for Energy and Environment, 2009-present.

Received a Vanderbilt University IBM Graduate Fellowship, 2009-present.

Named Murray State University's Outstanding Senior in Geosciences, 2006.

Received Sigma Xi Scientific Research Award, 2006.

Named a Kentucky Colonel by former Kentucky Governor Ernie Fletcher, 2005.

Received Murray State University's Geosciences Departmental Scholarship, 2004-2005.

Received Murray State University's Grady L. Cantrell Sigma Xi Science Scholarship, 2004-2005.