

# William R Buckingham

Applied Population Laboratory  
Department of Rural Sociology  
316 Agriculture Hall, 1450 Linden Drive  
Madison, WI 53706  
Tel: (608) 262-9156  
Email: wrbuckin@wisc.edu

## Education

- Ph.D. Geography Exp: May 2010  
University of Wisconsin-Madison  
Advisor: Dr. Mark A. Harrower
- M.S. Cartography and Geographic Information Systems December 2004  
University of Wisconsin-Madison  
Thesis: *Do Children Need Saturated Colors on Maps?*  
Advisor: Dr. Mark A. Harrower
- B.S. Geology and Geophysics May 1998  
University of Wisconsin-Madison

## Professional Experience

*Cartographer* March 2005 - present  
College of Agriculture and Life Sciences, Department of Rural Sociology, Applied Population Laboratory,  
University of Wisconsin-Madison

*Cartographer* June 2002 – March 2005  
United States Geological Survey, Cartography and Publishing Program, Madison, WI.

## Teaching Experience

- Lecturer - Geography 370 Introduction to Cartography* August 2008 – December 2008  
Department of Geography, University of Wisconsin-Madison
- Lecturer - Geography 170 Map Reading and Interpretation* January 2006 – May 2006  
Department of Geography, University of Wisconsin-Madison
- Teaching Assistant - Geography 370 Introduction to Cartography* August 2003 – December 2003  
Department of Geography, University of Wisconsin-Madison

## Publications

- 2007 Buckingham, W.R and M. Harrower, "The Role of Color Saturation in Maps for Children", *Cartographic Perspectives*, No. 58(4): 41-58

## Presentations and Posters

- 2008 “Using Participatory Photo-Mapping (PPM) to Inform Public Health Information Networks with Young People in Health Promotion Research.” W.R. Buckingham, S. Dennis Jr., S. Gaulocher. *Wisconsin Land Information Association Conference 2008*
- 2007 “Spatial Examination of the ‘New West’ in Inter-Mountain West Communities.” R. Winkler, W.R. Buckingham, D. Field, A. Luloff, R. Krannich. *Population Association of America 2007 Conference*
- 2006 “Prioritizing Places: Geo-demographic Analysis Guides Acquisition and Development of Outdoor Recreation Land.” R. Winkler, W.R. Buckingham, D. D. Long, J. Prey, J. Pohlman. *Population Association of America 2006 Conference*
- 2006 “Does Distance Matter? Amenities, Migration, and Distance from Metropolitan Areas.” R. Winkler, R. Schewe, W. R. Buckingham, *Southern Demographers Association Conference 2006*
- 2006 “Wisconsin’s ‘GetFacts’” W.R. Buckingham, J. Beaudoin *ESRI Wisconsin Users Group Conference 2006*
- 2006 “Wisconsin GetFacts for Comprehensive Planning.” W.R. Buckingham, J. Beaudoin, S. Kemp, *Wisconsin Land Information Association Conference 2006*
- 2005 “Does Saturation Matter in Maps for Children?” W.R. Buckingham, *North American Cartographic Information Society Conference 2005.*
- 2005 “Wisconsin’s Outdoor Recreation Plan: Geo-demographic Analysis for Acquisition and Development.” R. Winkler, W.R. Buckingham, D. D. Long, J. Prey, J. Pohlman. *Southern Demographers Association Conference 2005*
- 2005 “Prioritizing Places: How Wisconsin’s Outdoor Recreation Plan is using Geo-demographic Analysis to Guide Acquisition and Development.” R. Winkler, W.R. Buckingham, D. D. Long, J. Prey, J. Pohlman. *ESRI Wisconsin Users Group Conference 2005*
- 2003 “Creating Aesthetically Pleasing Maps Using ArcMap.” W.R. Buckingham, *ESRI Wisconsin Users Group Conference 2003*

## Professional Service

- 2008- Mapping: Methods and Tips Section Editor for *Cartographic Perspectives*, The Journal of the North American Cartographic Information Society
- 2006 Manuscript Reviewer for *Population Research and Policy Review (Special Issue on Spatial Demography)*

## Awards and Honors

- 2007 First Place Black and White Map, Wisconsin Land Information Association, University of Wisconsin-Madison
- 2003 Outstanding Teaching Assistant, Department of Geography, University of Wisconsin-Madison
- 2002 Barbara Bartz Petchenik Memorial Graduate Award in Cartographic Design, Department of Geography, University of Wisconsin-Madison

## Grants

- 2004 American Association of Geographers-Cartography Specialty Group: AAG Cartography Specialty Group MS Grant

## Professional Affiliations

Association of American Geographers  
- Cartography Specialty Group

Cartography and Geographic Information Systems (CAGIS)

North American Cartographic Information Society

Wisconsin Land Information Association

## Computer Skills

GIS/Cartography: ArcView, ArcGIS/Info, Geoda, GeoVista Studio, Adobe Illustrator

Statistical/Geostatistical Packages: R, Mondrian