

# Sylvia Arriaga Brady

Department of Geography  
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## Education

- M.A.** Anticipated Graduation June 2013, Geography, The University of Denver  
Advisor: Dr. E. Eric Boschmann
- M.S.** 2005, *summa cum laude*, Teacher Education, The University of Tennessee  
Advisor: Dr. Dorothy Hendricks
- B.A.** 2004, *summa cum laude*, Geography with minors in History and Secondary Education, The University of Tennessee  
Honors Advisor: Dr. Thomas Bell

## Experience

- Summer 2012 ***GIS and Data Intern, The Piton Foundation, Denver, CO***
- Filled community data requests using data from the Census Bureau and local planning agencies
  - Created maps using GIS to support grant-making and educational goals of the foundation
- 2011-present ***Graduate Teaching Assistant, Department of Geography, The University of Denver, Denver, CO***
- Assisted in teaching intro to GIS, geospatial data, human population, and human geography courses
  - Taught and evaluated lab exercises
  - Used technology to deliver course content and enhance student learning
- 2008-2011 ***Teacher, The Options Program, Aurora Public Schools, Aurora, CO***
- Taught history, government, and geography to home-schooled students
  - Designed and implemented curriculum for secondary social studies courses
  - Collaborated with teachers and parents to develop appropriate curriculum
- 2006-2008 ***Lab Instructor, Southwest Tennessee Community College, Memphis, TN***
- Taught physical geography to traditional and non-traditional college students
  - Assessed student learning of lab concepts using multiple assessment methods
  - Developed evaluation system for lab course
- 2005 -2008 ***Teacher, Cordova High School, Memphis City Schools, Memphis, TN***
- Taught honors and standard world geography in urban school setting
  - Created lesson and unit plans incorporating cooperative learning
  - Utilized online grading system to communicate with parents and students
  - Incorporated technology, research, and writing in classroom activities and assignments

## Research interests and course work

- Thesis topic: Aging, Mobility, and Public Transit in Denver, CO: Analyzing the travel behavior and transit use of seniors
- Graduate course work includes urban geography, sustainable transportation, urban and regional planning, urban applications in GIS, research methods, advanced geographic statistics, cultural geography, qualitative methods, geomorphology

## Skills

- Proficiency in Microsoft Word, Excel, PowerPoint, and Access
- Proficiency in the Geographic Information Systems software of ArcGIS by ESRI
- Proficiency using Google fusion tables, Google Earth, and GPS hardware
- Ability to perform statistical analysis using SPSS and JMP software

## Publications and Presentations

E.E. Boschmann and S. Brady (conditionally accepted). "A travel counts analysis of older adult travel behaviors and sustainable mobility in the Denver, Colorado metropolitan area." *Journal of Transport Geography*.

S. Brady. "Mobility of the Aging in Denver, CO: A qualitative study of travel behavior, mobility barriers, and perceptions of transit." Paper accepted for presentation at the Association of American Geographers meeting, April 9-13, 2013, Los Angeles, CA.

E. E. Boschmann and S. Brady. "Travel behaviors and patterns of the aging: A travel counts analysis of the Denver, Colorado (U.S.) metropolitan area." Poster presented at the International Conference on Aging, Mobility and Quality of Life, 24-26 June 2012, University of Michigan.

S. Brady and B. Zank. "Change in Globeville: Telling the story of a neighborhood with a map." Project presented at the ESRI Southwest User Conference, 17-19 September 2012, Denver, Colorado.

S. Brady and E. E. Boschmann. "Mobility and travel behaviors of aging populations in Denver, Colorado." Paper presented at the National Conference on Intermodal Transportation, 11-12 October 2012, Hampton University.

## Professional Development

2012	Student faculty liaison, University of Denver
2011	Great Plains-Rocky Mountain Association of American Geographers Regional Conference
2011-2013	Advanced Placement Human Geography exam reader
2007	College Board Advanced Placement Human Geography Institute
2007	School Literacy Ambassador by Memphis City Schools to act as liaison between district and school to ensure implementation of cross-curriculum literacy strategies
2007	Presented school-wide teacher in-service on secondary literacy strategies

## Honors and Awards

2012 Laurance K. Herold Memorial Fund grant for student field research  
2011-2013 Graduate Teaching Assistantship, University of Denver  
2004 Phi Beta Kappa  
2004-2005 Boggan Teaching Fellowship, University of Tennessee  
2004-2005 Claxton Medal for Professional Promise in Education, University of Tennessee  
2004 Outstanding Senior in Geography Award, University of Tennessee  
2000-2004 University Honors Program, University of Tennessee

## Affiliations and Service

Association of American Geographers (AAG)  
Urban Specialty Group (AAG)  
Colorado Geographic Alliance (COGA)  
National Council of Geographic Education (NCGE)  
Volunteer, Colorado State Geography Bee  
Student faculty liaison, University of Denver