

BIRGIT MUEHLENHAUS

• www.birgit.muehlenhaus.com •

EDUCATION

The Pennsylvania State University – University Park

Master of Science in Geography (2004)
Geographic Information Systems (GIS) Certificate (2003)
Teaching with Technology Certificate (2004)

University of Wisconsin – Madison

Bachelor of Science in Geography & Spanish (2000)

University of Alicante, Spain

International Student (1998)

TEACHING EXPERIENCE

Macalester College, GIS Laboratory Instructor & Manager, 2005 - Present

Design and teach intro and advanced GIS lab sections; liaison for community GIS projects; support geography faculty and staff with cartography & GIS; manage all technology and GIS software licenses in 20-seat computer lab

Pennsylvania State University – Geography Department, Graduate Teaching Assistant, 2002 – 2004

Instructed map layout and design in GIS labs; taught introductory web design; evaluated student exams, maps, and websites; created course support materials; devised assessment rubrics

Speed Callan Language School (Poland), Head English Instructor, 2001 – 2002

Supervised teachers, secretaries, and 500 students; taught English; managed office; created and led teacher training program; screened and advised new students; evaluated student progress

CARTOGRAPHIC PUBLICATIONS

Cartography Editor for *Global Studies - Africa* book forthcoming in 2008 from McGraw Hill Publishing.

Maize Map in Moseley, W.G., D. Lanegran and K. Pandit (forthcoming 2007). *The Introductory Reader in Human Geography: Contemporary Debates and Classic Writings*. Malden, MA: Blackwell Pres

Community Garden Maps (pp. 3, 4, 6, and 7) in "55 Community Gardens Featured in 1st Annual Parade." *Gardening Matters*, Summer 2006.

South Africa Map (p. 21) in "The World in South Africa." *Macalester Today*, Summer 2006.

South Africa Map (p. 2) in Moseley, W.G. "Farm Workers, Agricultural Transformation and Land Reform in the Western Cape Province, South Africa." *Focus on Geography*. 49(1): 1-7. Summer 2006.

South Africa Map (p. 15) in Moseley, W.G. "Post-Apartheid Vineyards: land redistribution begins to transform South Africa's wine country." *Dollars & Sense Magazine*. Jan/Feb 2006.

Condo Conversion Maps (pp. 14 – 16) in "Analysis of Condo Converted Properties in Minneapolis 2000-2005." Report prepared by HousingLink on September 14, 2005. Online at www.housinglink.org/Reports.htm.

Housing Accessibility Maps (pp. 18 – 23) in "Accessible Housing Marketing Initiative Final Report." Report prepared by HousingLink on June 16, 2005. Online at www.housinglink.org/Reports.htm.

WORK EXPERIENCE

1000 Friends of Minnesota, GIS and IT Manager, 2005

Utilized GIS to assist communities in land use planning; built and maintained membership database; developed and maintained website; managed all office technology; created monthly e-newsletters and oversaw website for the Embrace Open Space campaign of The McKnight Foundation

Northwest Area Foundation, Community Activities Assistant, 2004

Developed organizational systems to streamline tasks; trained team members to utilize these processes; independently consulted for GIS mapping projects

Pennsylvania State University Outreach Marketing and Research, GIS Specialist, 2003 – 2004

Independently consulted for mapping projects; created maps of marketing and survey data using GIS; collected, analyzed, and manipulated data in Excel and Access

National Geographic Society, Project Assistant, 2001

Worked in team to coordinate and assist in managing a multi-departmental project; assisted with teacher training workshops on GIS; aided in design, writing, and editing of a 100+ page website

National Geographic Society, Education Outreach Intern, 2000

Compiled data from 53 North American geographic alliances and prepared year-end report; entered and edited data for NGS national database of educators

AFS Intercultural Programs, Public Relations/Marketing Intern, 2000

Wrote press releases and communicated with the media to publicize events; initiated use of database for media contacts; recruited host families for students

Verseidag–Muttló Beltech (Spain), Exporting Intern, 1999

Communicated and replied to international orders in Spanish, German, and English; translated customer correspondences

HONORS & AWARDS

ESRI Student Assistantship for the International User Conference, 2003

Graduated with Distinction from the University of WI – Madison, 2000

Dean's List (5 semesters) at the University of WI – Madison, 1996 – 2000

SOFTWARE TRAINING

GIS – ArcGIS 8.x - 9.x, ArcView 3.x, GIS Extensions (CommunityViz, Spatial Analyst, 3D Analyst)

DESIGN – Adobe Creative Suite (Photoshop, Illustrator, InDesign), Macromedia Studio 8 (Dreamweaver, Fireworks, Flash), Macromedia Freehand

MS OFFICE – Word (Certified), Excel (Certified), PowerPoint, Access

INFO – BITS

Citizenships and Memberships: dual citizenship for the US and Germany (EU); Member of the Association of American Geographers (AAG); Member of the North American Cartographic Information Society (NACIS); Member of Phi Eta Sigma Honor Society

Hobbies: Traveling (Canada, Czech Republic, Denmark, France, Germany, Hungary, Iceland, Italy, Poland, Spain, Switzerland, USA); running; urban hiking; and photography

Languages: Fluent in German << Proficient in Spanish << Necessary Polish

Personal Accomplishments: 2005 St. Paul inline skating marathon; UMN guest speaker; freelance GIS consultant; 2004 Duluth half-marathon; 2003 Chicago Marathon; 2000 Olympic-distance triathlon