

Curriculum Vitae

LESTER BAKER PERRY

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Education

- Doctor of Philosophy (Ph.D.) in Geography (Concentration in Climatology) – May 2006, University of North Carolina, Chapel Hill, NC
Dissertation: *Synoptic Climatology of Northwest Flow Snowfall in the Southern Appalachians* (Advisor: Dr. Charles Konrad)
- Master of Arts (M.A.) in Geography – May 1998, Appalachian State University, Boone, NC
Thesis: *Health Personnel Distribution and Physical Access to Primary Health Care in Andean Bolivia* (Advisor: Dr. Kathleen Schroeder)
- Bachelor of Arts (B.A.) in Comparative Area Studies (Focus on the Bolivian Andes and Southern Appalachians) – May 1996, Duke University, Durham, NC

Professional Experience

July 2006 to Present

- Adjunct Assistant Professor in the Department of Geography and Planning, Appalachian State University. Responsibilities include teaching undergraduate Geography courses (*Introduction to Physical Geography, World Regional Geography, Geography of Asia, Environmental Remote Sensing, and Honors Mountain Geography*), maintaining an active research agenda, advising students, and serving on departmental/university committees.

August 2000 to June 2006

- Adjunct Instructor and SOL Workshop Administrator in the Department of Geography and Planning, Appalachian State University. Activities included teaching *World Regional Geography, Introduction to Remote Sensing, GIS in Environmental Sciences, Introduction to Physical Geography, Honors Physical Geography, Geography of Andean Bolivia, and Globalization and Resistance in Andean Bolivia*. Additional responsibilities included organizing and facilitating GIS workshops in the Spatial Outreach Laboratory (SOL).

Summer 1999 to Summer 2003

- Director and instructor of record for the Andean Bolivia Summer Study Abroad Program—a geography field program offered through the Department of Geography and Planning and International Programs of Appalachian State University. Responsibilities included organizing and leading all aspects of the study abroad experience, including travel, logistics, field exercises, and academic evaluations.

Summer 1999 to Summer 2001

- Director and organizer of the annual GIS in International Health workshop held at Appalachian State University.

Winter 2001

- Graduate Teaching Assistant in the Department of Geography, University of Washington. Instructor of record responsible for teaching *Maps and GIS* and supervising a graduate teaching assistant.

September 1999 to June 2000

- Graduate Teaching Assistant in the Department of Geography, University of Washington. Activities included teaching two laboratory sections of *Urban GIS* and assisting faculty in course preparations for *Introducing the Physical Environment* and *Geography of Health and Disease*.

August 1998 to June 1999

- GIS Laboratory Supervisor and Adjunct Instructor in the Department of Geography and Planning, Appalachian State University. Responsibilities included supervising the geographic information systems laboratory and teaching four courses (*Introduction to Physical Geography*, *World Regional Geography*, *Microcomputers in Geography and Planning*, and *Introduction to GIS*).

International Study and Research Experience

2006	Fieldwork in Bolivia (12 days)
2003	Director/instructor of record for summer study abroad program in Andean Bolivia (two weeks)
2003	Instructor for GIS in International Health Workshop at the Hôpital Albert Schweitzer in Deschappelles, Haiti (four days)
2003	Participant at the 1 st Symposium on Mass Balance of Andean Glaciers and Mass Balance Workshop in Valdivia, Chile (one week)
1999-2001	Director/instructor of record for summer study abroad program in Andean Bolivia (2-4 weeks each year)
2000	Expedition leader for high altitude GIS/GPS research project in Andean Bolivia
1998	Geographic study and research in Khumbu Himal, Nepal (two weeks)
1998	GIS consulting work in Bolivia (two weeks)
1997	Teaching assistant for geography field course in Costa Rica (two weeks)
1997	Master's thesis fieldwork in Andean Bolivia (one month)
1995	Sociology/anthropology student in Bolivia (five months)
1995	Public health research assistant at the International Centre for Diarrhoeal Disease Research (ICDDR,B) in Dhaka, Bangladesh (one month)
1994	Health care/development research and study in Bolivia (seven months)
1993	Research assistant for epidemiological study in Bolivia (one month)
1981-1984	Primary education in Ancoraimas, Bolivia

Membership in Professional Organizations

- Association of American Geographers (AAG)
- Southeastern Division of the Association of American Geographers (SEDAAG)
- North Carolina Geographical Society (NCGS)
- Eastern Snow Conference (ESC)

Foreign Language Reading Knowledge (Oral Proficiency)

- Spanish Very Good (Very Good)

Honors and Awards

- Recipient of the University of North Carolina at Chapel Hill "Impact Award" for exceptional doctoral research with direct benefits to North Carolina, 2006
- Recipient of the Council of Southern Graduate Schools' "Outstanding Thesis" award for the Social Sciences, Business, and Education, 2000
- Recipient of the Appalachian State University "Outstanding Thesis" award, 1998
- Julian Yoder Scholarship (awarded to outstanding graduate student), Department of Geography and Planning, Appalachian State University, 1997

Service Activities

Professional

- Renaissance Computing Institute (NC) Meteorology Team, 2006 to present
- Eastern Snow Conference Research Committee, 2006 to present
- Manuscript reviewer, *Professional Geographer*, 2006
- Manuscript reviewer, *Social Science & Medicine*, 2005
- Moderator, World Geography Bowl, 2001-2003, 2005
- Produced maps for Puerto Acosta, Chuma, and Palos Blancos municipal governments (Bolivia), the Consejo de Salud Rural Andino, High Country Amigos, and Andean Rural Health Care, 1998-2004
- E-mail list moderator for the Mountain Geography Specialty Group of the AAG, 1999-2001
- Organizer and chair of the special session “Applications of GIS in International Health” at the American Public Health Association’s 1999 annual meeting in Chicago, IL

Appalachian State University

- Institute of Health and Human Services Research Advisory Committee, 2005 to present
- Speaker Series Committee, 2004 to present
- Member of John McCall’s M.A. Thesis Committee, 2003 (Title: *Local Resistance to Globalization in the Andes: A Cultural Continuum in Andean Time and Space*)

Community

- Meals on Wheels, Old Beech Mountain Community, 2006 to present
- Firefighter and First Responder, Fall Creek Volunteer Fire Department (Avery County, NC), 2005 to present
- President, Beech Mountain Grange, 2005-2006
- Skywarn Spotter, National Weather Service, 2004 to present
- Project for Appalachian Community and Environment Board of Directors, 2001-2003
- Andean Rural Health Care Board of Directors, 1996-2001

Special Skills

- Teaching/lecturing, leadership, and public speaking
- Facilitating international and regional field study courses
- GIS mapping and analysis in ArcGIS 9.x and ARC/INFO Workstation

Courses Taught

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| • Geography of Asia | 2006 |
| • Honors World Regional Geography | 2006 |
| • Environmental Remote Sensing | 2003 - 2006 |
| • Introduction to Physical Geography | 1998 - 2006 |
| • World Regional Geography | 1997 - 2006 |
| • GIS in Environmental Sciences | 2002 - 2003 |
| • Geography of Andean Bolivia | 1999 - 2003 |
| • Globalization and Resistance in Andean Bolivia | 2001 - 2003 |
| • Honors Physical Geography | 2001 |
| • Maps and GIS | 2001 |
| • Introduction to GIS | 1999 |
| • Microcomputers in Geography & Planning | 1998 |

Publications

Peer-Reviewed

- Perry, L. Baker, Charles E. Konrad, and Thomas W. Schmidlin. 2007. Antecedent upstream air trajectories associated with northwest flow snowfall in the southern Appalachians, USA. *Weather and Forecasting* 22: 334-352.
- Perry, L. Baker, and Charles E. Konrad. 2006. Relationships between NW flow snowfall and topography in the Southern Appalachians, USA. *Climate Research* 32: 35-47.
- Weldon, Alice A., and L. Baker Perry. 2003. Geographic and Literary Perspectives on Pre- and Post-Revolutionary Bolivia: La Flor de "La Candelaria". *BRICHA Review* 1/2: 131-139.
- Perry, L. Baker, and Wil Gesler. 2000. Physical access to primary health care in Andean Bolivia. *Social Science and Medicine* 50: 1177-1188.

Other

- Perry, L. Baker, and Charles E. Konrad. 2006. Synoptic patterns associated with the record snowfall of 1960 in the Southern Appalachians. *Proceedings of the 63rd Eastern Snow Conference*: 55-64.
- Perry, L. Baker, and Charles E. Konrad. 2005. The influence of the Great Lakes on snowfall patterns in the Southern Appalachians. *Proceedings of the 62nd Eastern Snow Conference*: 279-289.
- Perry, L. Baker, and Charles E. Konrad. 2004. Northwest flow snowfall in the Southern Appalachians: spatial and synoptic patterns. *Proceedings of the 61st Eastern Snow Conference*: 179-189.
- Perry, L. Baker, Michael Mayfield, Kathleen Schroeder, and Frederic Bahnson. 2004. Mountain geography, GIS, and globalization in Andean Bolivia. In *Teaching & Learning at Appalachian 7*: 2-3. Boone, NC: Faculty and Academic Development, Appalachian State University.
- Perry, L. Baker. 2002. Weather and climate in North Carolina. In *North Carolina: People and Environments*, eds. Ole Gade, Jim Young, Art Rex, with L. Baker Perry. Boone, NC: Parkway Publishers, Inc.
- Perry, L. Baker, and Neal Lineback. 2000. Healthy and wealthy? In *Geography in the News*, ed. Neal G. Lineback, #539 (September 29, 2000). Maps.com.
- Perry, L. Baker, and Neal Lineback. 1997. The deadly Ebola virus! In *Geography in the News*, ed. Neal G. Lineback, # 405 (May 13, 1997). Boone, NC: Appalachian State University.
- Perry, L. Baker, and Neal Lineback. 1997. The problem with free food. In *Geography in the News*, ed. Neal G. Lineback, # 397 (March 14, 1997). Boone, NC: Appalachian State University.

Grants, Consulting, and Contract Work

- Perry, L. Baker. 2006. Sustainable development prospects in Bamyan Province, Afghanistan. Franklin, WV: Future Generations. \$1400 (contract work).
- Perry, L. Baker. 2003. Analysis and likely future trends of southern New England degree-day data. Reading, PA: Management Applications Consulting, Inc. \$500 (consulting).
- Perry, L. Baker. 2000. Glacier monitoring and mapping in the Ancohuma massif, Cordillera Real, Bolivia. American Alpine Club Field Research Grant. \$300 (external grant).

Professional Presentations

Oral Presentations

- Perry, L. Baker, Charles E. Konrad, David Hotz, and Laurence G. Lee. 2007. *Synoptic Classification of Snowfall Events in the Great Smoky Mountains, USA*. 64th Eastern Snow Conference (in conjunction with CGU/CMOS/AMS Congress), St. John's, Newfoundland.
- Konrad, Charles E., and L. Baker Perry. 2007. *Relationships between Tropical Systems and Heavy Rainfall in the Carolina region of the United States*. AMS (American Meteorological Society) Annual Meeting, San Antonio, TX.
- Perry, L. Baker, and Charles E. Konrad. 2005. *Synoptic Climatology of Northwest Flow Snowfall in the Southern Appalachians*. 60th SEDAAG (Southeastern Division of the Association of American Geographers) Meeting, West Palm Beach, FL.
- Konrad, Charles E., L. Baker Perry, and Adam Smith. 2005. *Regional Variations in the Synoptic Patterns Associated with Warm Season Heavy Rainfall Across the Eastern United States*. 60th SEDAAG (Southeastern Division of the Association of American Geographers) Meeting, West Palm Beach, FL.
- Perry, L. Baker, and Charles E. Konrad. 2005. *The Influence of the Great Lakes on Snowfall Patterns in the Southern Appalachians*. 62nd Eastern Snow Conference, Waterloo, Canada.
- Perry, L. Baker, and Charles E. Konrad. 2004. *Northwest Flow Snowfall in the Southern Appalachians: Spatial and Synoptic Patterns*. 61st Eastern Snow Conference, Portland, ME.
- Konrad, Charles E., and L. Baker Perry. 2004. *Easterly Flow Snowfall in the Southern Appalachians: Spatial and Synoptic Patterns*. 61st Eastern Snow Conference, Portland, ME.
- Perry, L. Baker. 2003. *Rural Restructuring, Social Capital, and Health in North Carolina Mountain Communities*. Association of American Geographers, New Orleans, LA.
- Perry, L. Baker. 1999. *GIS as a Tool in International Health Initiatives*. American Public Health Association, Chicago, IL.
- Weldon, Alice A., and L. Baker Perry. 1999. *Literary and Geographic Perspectives on Post-Revolutionary Bolivia*. Blue Ridge International Conference on Humanities (BRICHA), Boone, NC.
- Perry, L. Baker. 1999. *Applications of GIS, GPS, and Remote Sensing in Social Studies*. North Carolina Council of Social Studies, Greensboro, NC.
- Perry, L. Baker. 1998. *Health Personnel Distribution and Physical Access to Primary Health Care in Andean Bolivia*. Association of American Geographers, Boston, MA.
- Felix, Lori, and L. Baker Perry. 1997. *GIS Mapping of the New River State Park*. Linear Parks Conference, Lake Junaluska, NC.
- Perry, L. Baker. 1997. *Un Análisis de la Distribución de Personal de Salud en el Norte del Departamento de La Paz, Bolivia*. Conference of Latin American Geographers, Arequipa, Peru.

Poster Presentations

- Perry, L. Baker, and Charles E. Konrad. 2006. *Synoptic patterns associated with the record snowfall of 1960 in the Southern Appalachians*, 63rd Eastern Snow Conference, Newark, DE.
- Perry, L. Baker, and Ole Gade. 2001. *North Carolina's Psychosocial Dimensions of Health*. Association of American Geographers, New York City, NY.
- Mayfield, Michael W., L. Baker Perry, Xingong Li, and Andrew Klein. 2001. *Glacier Retreat in the Northern Cordillera Real, Bolivia*. Association of American Geographers, New York City, NY.
- Perry, L. Baker. 1999. *Using GIS to Estimate Snowfall in the Southern Appalachians*. Association of American Geographers, Honolulu, HI.

Invited Lectures

- *Northwest Flow Snowfall in the Southern Appalachians: Topographic Influences and Synoptic Climatology*. With Charles E. Konrad, Upstate SC Chapter of the American Meteorological Society, Greer, SC; 2005.
- *Synoptic Climatology of Northwest Flow Snowfall*. With Charles E. Konrad, CSTAR Workshop, Raleigh, NC; 2005.
- *The Weather Patterns Associated with Extremely Heavy Rainfall in Western North Carolina*. With Charles E. Konrad (First Author). NEMAC Workshop, Asheville, NC; 2005.
- *Determinants of Health: Access to Care and Globalization*. Global Health Forum, Asheville, NC; 2002.
- *Globalization and Resistance in Andean Bolivia*. Humanities Lecture, University of North Carolina in Asheville, Asheville, NC; 2001.
- *Health and Inequality: What You Should Know*. Geography Awareness Week Lecture given at Appalachian State University, Boone, NC; 2000.
- *Using GIS to Assess Geographic Access to Primary Health Care in Andean Bolivia*. Department of International Health, Johns Hopkins University, Baltimore, MD; 1999.
- *Glacial Lake Outburst Floods in Khumbu Himal, Nepal*. Department of Geography and Planning, Appalachian State University, Boone, NC; 1999.
- *Sir Ernest Shackleton and the West Wind Drift*. Geography Awareness Week Lecture given at Appalachian State University, Boone, NC; 1998.
- *Pacha Kuti and the Current Situation of the Indigenous Population in Andean Bolivia*. Geography Awareness Week Lecture given at Appalachian State University, Boone, NC; 1996.