

Michael E. Lewis
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EDUCATION

1988 - Ph.D. (Geography) University of Oklahoma.
1984 - M. S. (Geography), Oregon State University.
1982 - B. S. (Geography, with highest scholarship), Oregon State University.

AREAS OF RESEARCH INTEREST

Applications of physical geography to natural resource and environmental management, land use planning, and na

TEACHING EXPERIENCE, SERVICE AND AWARDS

Regularly teach Undergraduate through Graduate courses in Earth Science, Physical Geography, Natural Resources, Environmental Change, and Environmental Hazards 1988-present

Director of Undergraduate Studies, University of North Carolina – Greensboro, 2003-present

Chair of the Curriculum Committee, UNCG Department of Geography 2007- present

Completed the Master Advisor Program sponsored by the UNCG Advising Council, 2005

Dean's Merit Award for Teaching Excellence, University of North Carolina-Greensboro, 1996

RECENT GRAUDUATE STUDENT RESEARCH

Master's Theses and Internship Projects (Advisor and Committee Chair)

Kirk Baker 1999. The H2O.TC project: computer aided modeling of slope runoff.

Derrick Boone 2000. A condition assessment of the East Fork of Deep River, North Carolina.

Tom Tricot 2001 Using GIS to prioritize land acquisition in a Piedmont North Carolina watershed.

Trisha Furrie 2003. Meeting the Geography curriculum goals for the Lee County School System

Linda Birdsong 2004. Mass wasting of the Stratford Cliffs, Westmoreland County, Virginia

Jeff DeBellis 2008 Sharing the Canyon: Accommodating Bicycles on the Zion Canyon Scenic Drive

PUBLICATIONS AND OTHER SCHOLARLY WORK

Lewis, Michael E. 2008. Book Review. [The Humane Metropolis: People and Nature in the 21st Century, by Rutherford H. Platt (Boston: University of Massachusetts Press, 2006)]. *Southeastern Geographer* 48: 127-130.

Lewis, Michael E., and Tom Tricot. 2003. The Return of Beaver to Southern Piedmont Streams: Stream Restoration or Disruption? *The North Carolina Geographer* 11:1-9.

Rohr, Linda, Michael E. Lewis, and Lauck Ward (editors.). 2003. *Stratford Hall Plantation and Westmoreland State Park: Physical and Cultural Geography, Geology, and Paleontology*. Guide Book #3. Virginia Museum of Natural History, Martinsville, VA.

Rohr, Linda, and Michael E. Lewis. 2003. Physical Geography of Stratford Hall Plantation and Westmoreland State Park. In: *Stratford Hall Plantation and Westmoreland State Park: Physical and Cultural Geography, Geology, and Paleontology*. Guide Book #3, pp. 3-19. Virginia Museum of Natural History, Martinsville, VA.

Lewis, Michael E., Jeffrey C. Patton, and G. Jay Lennartson. 2002. *Geosystems Science: Exercises and Applications*. Pearson Custom Publishing, Boston MA

Lewis, Michael E. 2000. *Landform Dynamics*, 2nd ed, Kendall-Hunt Publishing, Dubuque, IA.

Lewis, Michael E. 1998. The role of urban stream corridors in stormwater management planning. *Papers of the Applied Geography Conferences*, 21: 230-237.

Lewis, Michael E., Gary Thompson, and Binita Sinha. 1998. Transportation and Communication. Chapter 6 (pp. 95-110) in *Oklahoma Resources for Economic Development*, edited by H. J. Spath, G. L. Thompson, and H. Eisenhart. Special Publication 98-4, Oklahoma Geological Survey, Norman Oklahoma.

Thompson, Gary L., Michael Lewis, and Binita Sinha. 1998. The Cities and the Land. Chapter 15 (pp. 249-264) in *Oklahoma Resources for Economic Development* edited by H. J. Spath, G. L. Thompson, and H. Eisenhart. Special Publication 98-4, Oklahoma Geological Survey, Norman Oklahoma.

Lewis, Michael E. 1997. *Landform Dynamics*. Kendall/Hunt Publishing, Dubuque, IA.

Lewis, Michael E. 1996. Rural landscapes of the Carolinas. In *Snapshots of the Carolinas*, edited by D. Gordon Bennett, pp. 155-58. Association of American Geographers: Washington, D. C.

Lewis, Michael E., John R. Jezorek, and Parke Rublee. 1994. Merging stormwater management with stream rehabilitation: Greensboro's Lake Daniel Pilot Project. *The North Carolina Geographer*, 3:17-29.

Lewis, Michael E. and Jeffery C. Patton. 1994. Extended travel as an introduction to Geography. *The Geographical Bulletin*, 36:103-111.

Lewis, Michael E. 1993. Public acquisition of private agricultural land. *Progress in Rural Planning and Policy*, 3: 5-17.

Lewis, Michael E. 1992. Book review. [Soil Conservation in the United States: Policy and Planning, by Frederick R. Stiener, (Baltimore: The Johns Hopkins University Press, 1990)]. *The Professional Geographer* 44: 242-43.

Lewis, Michael E. 1992. Book Review, [Americans and Their Forests, by Michael Williams (New York: Cambridge University Press, 1989)]. *Journal of Historical Geography*

Lewis, Michael E. 1991. Windfall disturbance in a piedmont uplands forest. *Southeastern Geographer*, 31: 1-14.

Lewis, Michael E. 1991. Book Review. [Wilderness Preservation and the Sagebrush Rebellions, by William L. Graf (Savage, MD: Rowman and Littlefield, 1990)]. *Geographical Review* 81:369-71.

Lewis, Michael E. 1991. Book Review. [A New Face on the Countryside: Indians, Colonists, and Slaves in South Atlantic Forests 1500-1800, by Timothy Silver. (New York: Cambridge University Press 1990)]. *Geographical Review* 81:239-41.

Lewis, Michael E. and Craig Torbenson. 1990. Cultural antecedents of J.W. Powell's Arid Lands Report. *Journal of Geography*, 82: 74-80.

Lewis, Michael E. 1990. Book Review. [The Ends of the Earth: Modern Perspectives on Environmental History, Donald Worster, ed. (New York: Cambridge University Press, 1988)]. *Geographical Review*, 80:83-85.

Lewis, Michael E. 1989. National Grasslands in the Dust Bowl. *Geographical Review*, 79:161-171.

Lewis, Michael E. 1985. Agricultural evolution on secondary frontiers: An Oregon model. *Geographical Perspectives* 13: 46-53.

Roberts, Rebecca S. and Michael E. Lewis. 1985. Would an effective cropland retirement program threaten rural communities: Some preliminary results. *Papers of the Applied Geography Conferences*, 8: 30-41.

Jackson, Philip L., and Michael E. Lewis. 1985. Settlement and agro-climatic hazards of the Fort Rock Valley, Oregon. *Journal of the Shaw Historical Society*, 1:1-18.

Lewis, Michael E. 1982. Physical indicators of the wildfire hazard in the urban/wildland interface of Jackson and Josephine Counties, Oregon. *Journal of the Oregon Academy of Science*, 28: 76-83.

PROFESSIONAL RESEARCH REPORTS

Streamgreen Streamlife Survey. Report to Greensboro Beautiful, Inc. and the City of Greensboro, October 1997, 65 pp. (with Moni Bates, Parke Rublee, John Posey, and Don Allen)

The Central Business District of Anadarko, Oklahoma: An economic profile. Published by the Indian Capital Heritage Association, Anadarko, Oklahoma, January 1989, 53 pp. (with Gary Thompson and Dennis Beatty).

Bioenvironmental monitoring of the Boardman Area, Oregon, using remote sensing techniques. Contract report prepared for Portland General Electric Company, December 1983, 25 pp. (With Philip Jackson, Charles Rosenfeld, and Jon Kimerling)

Wildfire hazard in the urban/wildland interface of southwestern Oregon. Southern Oregon Regional Services Institute, Ashland, Oregon, September 1981, 44 pp. (With D. Roselle, L. Delaney, V. Verhalen, and M. Shaw).

PROPOSALS, GRANTS, CONTRACTS, AWARDS

1996 - Environmental Project of the Year Award from National Audubon Society for T. Gilbert Pearson Audubon Society Stream Life project (with J. Jezorek; P. Rublee, J. Posey, and M. Bates).

1995 - Co-PI for "A comparative study of urban and rural streams in Guilford County, North Carolina" funded by the Novartis Corporation, and the Foundation for a Greater Greensboro, December 1995 - December 1996. \$10,000 (with J. Jezorek, P. Rublee, J. Posey, and M. Bates).

1994 - Regular Faculty Grant, Graduate School, University of North Carolina at Greensboro, for "Reconstructing the Paleogeography of the Plains of Mochlos on the Island of Crete" (with Jeffery C. Patton and John J. Hidore). \$1500.

1994 - Summer Excellence Research Award, University of North Carolina at Greensboro, for "Reconstructing the Paleogeography of the Plains of Mochlos on the Island of Crete". \$4,000.

1990 - Summer Excellence Research Award, University of North Carolina at Greensboro. \$4,000 for "Windfall disturbance in a piedmont uplands forest."

SCHOLARLY PRESENTATIONS AND PROFESSIONAL CONFERENCE PARTICIPATION

2007 – Illustrated Paper (with Roberta Williams). Photographs from the Great Surveys of the American West. Annual Meeting of the Association of American Geographers, San Francisco, CA, April 20.

2007 – Paper discussant. Cross-sectional variability of the restored Kissimmee River, Florida. Association of American Geographers, Southeastern Division, Annual Meeting, Charleston, SC, Nov 18-20.

2004 – Invited lecture. Mount St. Helens Revisited: Landscape Change Since the Catastrophic Eruption of May 18, 1980. UNCG Geography Club, October 6.

2004 - Exploring Lewis and Clark. Ashby Dialogue panelist, UNCG College of Arts and Sciences. Sept 15, Oct. 19, and Nov. 15.

2003 – Invited Lecture. Public reaction to the return of beaver in urban Greensboro streams.” Geography Awareness Week at the Department of Geography, East Carolina University, November 14.

2001 – Paper (presented by Tom Tricot). Using GIS to prioritize land acquisition in a Piedmont North Carolina Watershed (with Tom Tricot). Association of American Geographers, Southeastern Division, annual meeting, November 17-20, Lexington, Kentucky.

2001 - Poster (with Linda Birdsong). Mass wasting of the Stratford Cliffs, Westmoreland County, Virginia (with Linda Rohr and Lauck Ward). Association of American Geographers, Southeastern Division, annual meeting, November 17-20, Lexington, Kentucky.

2001 – Paper presentation. The return of beavers to Southern Piedmont streams: ecological restoration or disruption. The Practice of Restoring Native Ecosystems National Conference, November 6-7, Nebraska City, Nebraska.

1999 – Paper presentation. Restoring natural functions to urban streams. The Practice of Restoring Native Ecosystems National Conference, November 8-9, Nebraska City, Nebraska.

1999 – Paper presentation. Citizen involvement in stream restoration of urban greenways. Audubon Council of North Carolina. State Conference, February 20, North Carolina Zoological Park, Asheboro, NC.

1998 – Paper presentation. Urban streams and stormwater management planning. Applied Geography Conference, October 21-23, Louisville, Kentucky.

1998 - Session Chair. Water Resources: Issues of Quality. Annual Meeting of the Association of American Geographers, March 26-29, Boston, MA.

1998 - Paper presentation. Best management practices for urban stormwater runoff control. Annual Meeting of the Association of American Geographers, March 26-29, Boston, MA.

1997 - Poster presentation. Coastal geomorphology of Bronze Age Mochlos, Crete. Meeting of the Geological Society of America, Oct. 20-23, Salt Lake City, Utah (with Jeffrey C. Patton and Chris Whitmore).

1996 - Paper presentation. Privatization of the public domain. Fifth Annual American Heritage Symposium Western Lands: Rocks, rails, and ranching. Sept. 26-28, The American Heritage Center, University of Wyoming, Laramie, WY.

1994 - Colloquium speaker. Physical Geography and Archaeology: Opportunities for collaborative research. University of North Carolina at Chapel Hill, Department of Geography, December 2.

1994 - Session Chair. Landscapes and risk. Annual meeting of the Southeastern Division of the Association of American Geographers, Virginia Beach, Virginia, November 20-22.

1994 - Colloquium speaker. Geologic and geomorphic parameters affecting the occupation of Minoan/Mycenaean Mochlos, Crete. Mochlos Excavation Project, American School of Archaeology, Athens, Greece, July 12.

1994 – Invited Lecture (with Jeff Patton). Reconstruction of ancient coastlines in eastern Crete. University of North Carolina at Wilmington, Department of Earth Sciences, January 28.

1993 - Paper presentation. Public acquisition of private agricultural land. Presented at the National Meeting of the Association of American Geographers, Atlanta, GA, April 6-10.

1992 - Paper presentation. Land Utilization projects revisited: failures and successes. Commission on Changing Rural Systems, International Geographical Congress. Manhattan, KS, August 4-6.

1991 - Poster presentation. Treefall parameters following windstorms in a temperate oak forest. Presented at the National Meeting of the Association of American Geographers, Miami, Florida, April 13-17.

1990 - Session Chair. Geomorphology I. Annual Meeting of the Southeastern Division of the Association of American Geographers, Columbia, South Carolina, November 18-20.

1990 - Paper presentation. Windfall disturbance in a piedmont uplands forest. Annual Meeting of the Southeastern Division of the Association of American Geographers, Columbia, South Carolina, November 18-20.

1989 - Paper presentation. Agricultural change and New Deal land utilization goals. National Meeting of the Association of American Geographers, Baltimore, Maryland, March 19-22.

1988 - Paper presentation (with Craig Torbenson). Cultural antecedents of J.W. Powell's Report on the Lands of the Arid Region of the United States. Annual Meeting of the National Council for Geographic Education, Snowbird, Utah, October 5-8.

1988 - Paper presentation. The National Grasslands of the Southern High Plains: Dust Bowl relic or functioning component? National meeting of the Association of American Geographers, Phoenix, Arizona, April 6-10.

1987 - Paper co-author (presented by Rebecca Roberts, with Jacque Emel). Contrasting perspectives on groundwater development along the Texas-New Mexico border. National meeting of the Association of American Geographers, Portland, OR, April 21-26.

1986 - Paper presentation (with Rebecca Roberts and Jacque Emel). Field reconnaissance of groundwater irrigation along the Texas-New Mexico border: A search for cause and effects. Annual meeting of the Oklahoma Academy of Science, Tahlequah, November 17-19.

1986 - Paper co-author (presented by Rebecca S. Roberts, with Fred M. Shelley). Anti-corporate farm sentiment in Nebraska: Agrarian resource evaluation in a time of financial stress. National meeting of the Association of American Geographers, Minneapolis, Minnesota, May 3-7.

1985 - Paper co-author (presented by Rebecca S. Roberts). Effects of a cropland retirement program on rural communities: Some preliminary results. National Applied Geography Conference, Denton, TX, October 17-19.

1985 - Paper presentation (with Rebecca S. Roberts). Agricultural policy implications of rural population dynamics in the Southern Great Plains. Regional meeting of the Great Plains/Rocky Mountain Division of the Association of American Geographers, Bozeman, Montana, October 10-12.

1985 - Paper presentation. Island biogeography and the design of natural reserves. National Meeting of the Association of American Geographers, Detroit, Michigan, April 21-24.

1985 - Paper presentation. Agricultural evolution on secondary frontiers: An Oregon model. Regional Comparative Frontiers Symposium, Norman, OK, April 5.

1984 - Paper presentation. Agricultural evolution on secondary frontiers: An Oregon model. Regional meeting of the West Lakes and Great Plains-Rocky Mountains Divisions of the Association of American Geographers, Lawrence, KS, November 1-3.

1984 - Paper presentation. The Asset Management Program: A new direction in public land disposal policy? Annual Meeting of the Southwestern Division of the Association of American Geographers, Lubbock, TX, September 20-21.

1984 - Paper presentation (with Philip L. Jackson). Environmental hazard perception as a motivating factor in agricultural settlement. National meeting of the Association of American Geographers, Washington D.C., April 22-25.

1984 - Poster presentation (with Philip L. Jackson; Charles Rosenfeld and Lolita M. Carter). Applications of geographic remote sensing: Bioenvironmental monitoring of the Boardman area, Oregon Annual Meeting of the Oregon Academy of Science, Eugene, OR, February 22.

1983 - Paper co-author (presented by Philip L. Jackson). Settlement and perception of agroclimatic hazards in the Oregon High Desert. Regional meeting of the Association of Pacific Coast Geographers, Eureka, CA, September 22-25.

1982 - Paper presentation. Physical indicators of the wildfire hazard in the Urban/wildland interface of Jackson and Josephine Counties, Oregon. Annual meeting of the Oregon Academy of Science, Corvallis, OR, February 21

SERVICE ACTIVITIES

PROFESSIONAL SERVICE TO GEOGRAPHY

Review panelist for the U.S. Environmental Protection Agency, "Science to Achieve Results" STAR Graduate Fellowships: 2000, 2001, 2006, 2007.

Editorial referee for articles submitted to *The Professional Geographer*, *Geographical Review*, *Southeastern Geographer*, and *The North Carolina Geographer*.

Reviewer for proposals to the Geography and Social Science Division of the National Science Foundation.

Committee of Tellers for the Southeastern Division of the Association of American Geographers 1994-96.

Session chair and paper discussant at national and regional SEDAGG and AAG meetings.

Moderator, judge, and author of question rounds, North Carolina World Geography Bowl, 2003-2007

Newsletter Editor, Contemporary Agriculture and Rural Land Use Specialty Group, AAG, 1987-88.

UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE

Department of Geography Director of Undergraduate Studies
 Department of Geography, Chair of the Curriculum Committee
 Department of Geography UNCG Library Liaison
 Department of Geography Liaison to the UNCG Honors Program
 Department of Geography Search Committee Chair (three faculty positions)
 Faculty advisor to Kappa Phi Chapter, Gamma Theta Upsilon International Geographical Honor Society, UNCG Department of Geography.
 Faculty Advisor to the UNCG Geography Club

College of Arts and Sciences Promotion and Tenure Committee
 College of Arts and Science Curriculum Committee,
 College of Arts and Sciences, Advisor for the College Advising Center (CASA)

University Master Advisors Program
 University Undergraduate Curriculum Committee,
 University Natural Science Instructional Area Committee for the General Education Curriculum
 Employee Benefits and Services Committee, Chair
 Faculty Grievance Committee, member
 Faculty Salary Committee, member
 Harriet Elliot Lectures in the Social Sciences, organizing committee member

PROFESSIONAL COMMUNITY SERVICE

Committee to revise the City of Greensboro Stormwater Ordinance, Department of Environmental Services, City of Greensboro, North Carolina
 T. Gilbert Pearson Chapter of the Audubon Society, Streamgreen-Stream Life Committee

September 2008