

CURRICULUM VITAE

Mark Daniel Spond

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Research Interests

Biogeography, Forest Ecology, Old-Growth Forests, Dendrochronology, Conservation

Education

Ph.D. (student) University of Tennessee, Knoxville, Tennessee
Department of Geography

Advisors: Henri D. Grissino-Mayer, Sally P. Horn, and Carol P. Harden

M.A. (2007) University of Arkansas, Fayetteville, Arkansas

Geosciences Department, concentrations in geography and earth science

Thesis: Ancient cypress-tupelo forests at the Dagmar Wildlife Management Area, Arkansas

Advisors: David W. Stahle, Malcolm K. Cleaveland, and Jason A. Tullis

B.A. (2003) University of Arkansas at Little Rock, Little Rock, Arkansas

Department of History, concentrations in the American Civil Rights Movement and Southern history

Minor in business administration

Professional Appointments

Fall 2009: *Graduate Teaching Associate*

Department of Geography, University of Tennessee

Geography 131 lecture

(Introduction to the Natural Environment I: Earth Systems and Climate)

2008–2009: *National Science Foundation GK-12 Fellow*

Department of Geography, University of Tennessee

Principle Investigators: Sally P. Horn, Ken Orvis, and Lynn Champion

A project funded by the National Science Foundation to improve the teaching of earth science in rural middle schools of east Tennessee and to increase community attention to earth and environmental science issues.

Summer 2008: *Graduate Research Assistant*
Department of Geography, University of Tennessee
A competitive research assistantship awarded through the University of Tennessee
College of Arts and Sciences.

2007–2008: *Graduate Teaching Assistant*
Department of Geography, University of Tennessee
Geography 131 lab
(Introduction to the Natural Environment I: Earth Systems and Climate)
Geography 132 lab
(Introduction to the Natural Environment II: Land Processes and Soils)

Fall 2007: *Project Coordinator*
Laboratory of Tree-Ring Science, University of Tennessee
“Developing oak chronologies from an Arkansas wildlife refuge”

2006–2007: *Graduate Teaching Assistant*
Geosciences Department, University of Arkansas
Geology 1131 lab (Environmental Geology)

2005–2007: *Laboratory Technician*
Tree-Ring Laboratory, University of Arkansas

2003: *Forest Fire Rehabilitation Technician*
Served as field technician in a cooperative reforestation effort conducted by
Philmont Scout Ranch and USDA Carson National Forest
Colfax County, New Mexico

2003: *Instructor, Roving Outdoor Conservation School*
Philmont Scout Ranch, Cimarron, New Mexico
Facilitated scientific, cultural, and conservation education during two, 21-day
backpacking trips in the Sangre de Cristo Mountains of northern New Mexico

2003: *UALR Department of History Student Associate*
Little Rock Central High School National Historic Site, Little Rock, Arkansas
Worked 6 hours a week as an interpretative assistant

2001: *Student Conservation Association Resource Interpretation Intern*
Arches National Park, Moab, Utah
Worked 40 hours a week as a volunteer interpretative ranger

Refereed Publications

Stahle, D.W., M.K. Cleaveland, R.D. Griffin, **M.D. Spond**, F.K. Fye, R.B.
Culpepper, D. Patton, 2006. Decadal drought effects on endangered woodpecker
habitat. *EOS* 87: 121, 125.

Professional Paper and Poster Presentations

Mark Spond, Henri Grissino-Mayer, Sally Horn, Kevin Russell.

Analyzing Repeated Photographs (1947-1981) by the Eminent Ecologist Alton A. Lindsey at El Malpais National Monument, New Mexico, USA: A 21st Century Perspective. *Annual Meeting of the Southeastern Division of the Association of American Geographers, Physical Geography Poster Session*. Knoxville, Tennessee, 23 November 2009.

Saskia van de Gevel, Philip White, **Mark Spond**, Henri Grissino-Mayer.

Chestnut graveyard: forest succession in the absence of *Castanea dentata* Bluff Mountain, North Carolina, USA. *Annual Meeting of the Southeastern Division of the Association of American Geographers, Physical Geography Poster Session*. Knoxville, Tennessee, 23 November 2009.

John Nesbitt, Marty Arford, Jessica Carilli, Beth Chappell, Grace Carter, Gerardo Goncalves, Christina Hupy, Cari Leland, Boris Luszczynski, Shannon McDonald, Vesta Mather, Meghan O'Brien, John Sakulich, Jim Speer, **Mark Spond**, Tom Stewart, Keziah Stott, Brenda Thomas, Robin van de Veer, Josh Wixom.

From bark to pith: An introduction to collaborative learning at the North American Dendroecological Fieldweek. *Annual Meeting of the Association of American Geographers, Dendrochronology III Session: Dendrochronological Applications*. Las Vegas, Nevada, 24 March 2009.

Mark Spond

Ancient cypress-tupelo forests at the Dagmar Wildlife Management Area, Arkansas. *Annual Meeting of the Association of American Geographers, Vegetation Dynamics Session*. Boston, Massachusetts, 15 April 2008

Henri Grissino-Mayer, William Brenton, Peter Clark, Susan Mortenson, **Mark Spond**, Park Williams. Winter temperatures influence annual growth of conifers in the Great Smoky Mountains, Tennessee, USA. *17th Annual North American Dendroecological Fieldweek*. Tremont Institute, Great Smoky Mountains N.P., Tennessee, 9 June 2007

Mark Spond

Living relics of Arkansas's ancient cypress-tupelo woodlands at the Dagmar Wildlife Management Area. *University of Arkansas, Geosciences Department Student Research Colloquium*. Fayetteville, Arkansas, 27 April 2007

Guest Lectures and Invited Talks

Mark Spond

Climate responses and vegetation dynamics in old-growth mixed conifer woodlands, New Mexico, USA. Northwest New Mexico Visitor Center (USDA & USDI Multiagency Center). Grants, New Mexico, 16 July 2009

Mark Spond

Ancient cypress-tupelo forests at the Dagmar Wildlife Management Area, Arkansas. Appalachian State University, Boone, North Carolina
Department of Geography and Planning Fall Speaker Series, 20 November 2008

Mark Spond

Ancient cypress-tupelo forests at the Dagmar Wildlife Management Area, Arkansas. Eastern Kentucky University, Richmond, Kentucky
Department of Biological Sciences Seminar Lecture Series, 26 January 2008

Mark Spond

A forest inventory analysis of the logging disturbance gradient at the Dagmar Wildlife Management Area, Arkansas.
Geography 432, Principles of Dendrochronology, Henri D. Grissino-Mayer, 19 October 2007

Grants and Awards

2009–2011 National Science Foundation Doctoral Dissertation Research Improvement Grant To support dendroclimatic and vegetation change research at El Malpais National Monument, New Mexico. Award amount: **\$11,700**

2007-2008 Award for Outstanding Professional Achievement
Department of Geography, University of Tennessee

2003 Booker Worthen Award

College of Arts and Sciences, University of Arkansas at Little Rock
“For outstanding scholarship in the field of history.” Award amount: **\$250**

Professional Service and Training

McCroskey Award Committee: Student Representative
Department of Geography, University of Tennessee, Knoxville. 2009–2010

National Science Foundation GK-12 Training Workshop
University of Tennessee, Knoxville, Tennessee. 7–11 July 2008

18th Annual North American Dendroecological Fieldweek
Introductory Group Leader
Penticton, British Columbia, Canada. 13–20 June 2008

17th Annual North American Dendroecological Fieldweek
Tremont Institute, Great Smoky Mountains N.P., Tennessee. 2–9 June 2007

2006 Eastern Old Growth Conference
Peabody Hotel, Little Rock, Arkansas, and Dagmar Wildlife Management Area,
Monroe County, Arkansas. 25–26 March 2006

Wilderness First Responder (80-hour course)
Course taught through the University of New Mexico and Taos Ski Valley Resort
Certified through Wilderness Medical Associates, Bryant Pond, Maine. May 2003

Eagle Scout
Boy Scouts of America. 1996

Professional Memberships

Association of American Geographers
Gamma Theta Upsilon
Sigma Xi
The Student Conservation Association
The Torrey Botanical Society

References

Dr. Henri D. Grissino-Mayer
Associate Professor
Department of Geography, University of Tennessee; Knoxville, Tennessee
grissino@utk.edu

Dr. Sally P. Horn
Chancellor's Professor
Department of Geography, University of Tennessee; Knoxville, Tennessee
shorn@utk.edu

Dr. David W. Stahle
Distinguished Professor
Geosciences Department, University of Arkansas; Fayetteville, Arkansas
dstahle@uark.edu

Dr. Malcolm K. Cleaveland
Professor Emeritus
Geosciences Department, University of Arkansas; Fayetteville, Arkansas
mcleavel@uark.edu