

## CURRICULUM VITA

### GEORGINA G. DEWEESE

Department of Geosciences  
University of West Georgia  
Carrollton, GA 30118-3100 USA

678.839.4065 (office)  
678.839.4071 (fax)  
865.696.1102 (cell)  
gdeweese@westga.edu

### EDUCATION

- 2007: Ph.D. Department of Geography, University of Tennessee, Knoxville, Tennessee. Concentration in biogeography and environmental history  
Advisor: Henri Grissino-Mayer
- 2001: M.S., Department of Geography and Anthropology, Louisiana State University, Baton Rouge, Louisiana. Concentration in GIS and remote sensing  
Advisor: Nina Lam
- 1999: B.S., Department of Geography and Anthropology, Louisiana State University, Baton Rouge, Louisiana. Concentration in GIS and remote sensing

### DISSERTATION TITLE

Past Fire Regimes Table Mountain Pine (*Pinus pungens* Lamb.) in the Central Appalachian Mountains, Virginia, USA.

### THESIS TITLE

Bottomland Forest Reconstruction and Classification using General Land Office Surveys, Remote Sensing, and Geographic Information Systems

### PRESENT POSITION

Assistant Professor of Geography. Instructing courses on Weather and Climate, Meteorology, Biogeography, Climate Change, and Dendrochronology. Department of Geosciences, University of West Georgia, Carrollton, Georgia.

### PREVIOUS POSITIONS

- Limited-Term Instructor, “Physical Geography” and “Weather and Climate”. Instruct 60+ person courses on concepts including meteorology, geomorphology, hydrology, geology, climatology, and biogeography.
- Teaching Associate, “Geography of the Natural Environment I,” Instruct 88-person course on basic concepts of geomorphology, hydrology, climatology, meteorology, and geology. Department of Geography, University of Tennessee, Knoxville, Tennessee
- Research Assistant, included supervision of undergraduates working in the Laboratory of Tree-Ring Science, maintenance of laboratory equipment, and acting as teaching assistant for the Geography 432 Dendrochronology course, Department of Geography, University of Tennessee, Knoxville, June 2003–August 2006
- Graduate Teaching Assistant, Department of Geography, University of Tennessee, Knoxville, January 2003–May 2003 and August 2004–December 2005

- GIS Project Manager, Aero-Data Corporation, Baton Rouge, Louisiana, August 2001–January 2002
- GIS Technician, Owen and White, Inc., Baton Rouge, Louisiana. June 1999–July 2001
- Announcer/Board Operator, WRKF Public Radio, Baton Rouge, LA, June 1998–July 2001
- GIS Technician, Office of Community Development, Baton Rouge, Louisiana, January 1999–June 1999

## PUBLICATIONS

- Georgina G. DeWeese. 2001. Bottomland forest reconstruction and classification using general land office surveys, remote sensing, and geographic information systems. *M.S. Thesis*, Louisiana State University, Baton Rouge, 111 pp.
- Georgina DeWeese Wight and Henri D. Grissino-Mayer. 2004. Dendroarchaeological dating of an Antebellum Period house, Forsyth County, Georgia, U.S.A. *Tree-Ring Research*, 60(2): 91-99.
- Henri D. Grissino-Mayer, Georgina G. DeWeese, and D.A. Williams. 2005. Tree-ring dating of the Karr-Koussevitzky double bass. *Tree-Ring Research* 61(2): 77-86.
- Henri D. Grissino-Mayer, Christopher M. Gentry, Steve Croy, John Hiatt, Ben Osborne, Amanda Stan, and Georgina DeWeese Wight. 2006. Fire History of Western Montana forested landscapes via tree-ring analyses. In James H. Speer (editor), *Experimental Learning and Exploratory Research: The 13<sup>th</sup> Annual North American Dendroecological Fieldweek (NADEF)*. Indiana State University *Professional Paper Series* 23: 46-56.
- Georgina G. DeWeese, Henri D. Grissino-Mayer, and Nina Lam. In preparation. Historic land-use/land-cover changes in a bottomland hardwood forest, Bayou Fountain, Louisiana, USA. To be submitted to *Physical Geography*.
- Sarah A. Blankenship, Henri D. Grissino-Mayer, Meta G. Pike, Georgina G. DeWeese, and Saskia L. van de Gevel. In preparation. The dendroarchaeology of Cagle Saltpetre Cave: A nineteenth century saltpeter mining site in Van Buren County, Tennessee. To be submitted to *Historical Archaeology*.

## HONORS/AWARDS/SCHOLARSHIPS/GRANTS

- Sponsored Operations Faculty Research Enhancement Award, Department of Geosciences, University of West Georgia, 2007. \$4,088.79
- Student Research Assistant Program Award, Department of Geosciences, University of West Georgia, 2007. \$2100.00
- Faculty Research Grant, Department of Geosciences, University of West Georgia, 2007. \$1,500.00
- Publication Award, Department of Geography, University of Tennessee, 2005, 2006, and 2007
- Doctoral Dissertation Improvement Grant, National Science Foundation. 2005. Title: Range of Variability in Fire Regimes of Table Mountain Pine (*Pinus pungens* Lamb.) Stands, Jefferson National Forest, Virginia. \$4402.00

- Professional Accomplishment Award, Department of Geography, University of Tennessee, 2004 and 2006
- Field Work Award, Department of Geography, University of Tennessee, 2004
- Graduate Teaching Associate, Department of Geography, University of Tennessee, 2006
- Graduate Teaching and Research Assistantships, Department of Geography, University of Tennessee, 2003–2006
- Robert C. West Field Research Award, Department of Geography, Louisiana State University, 2000

### **PROFESSIONAL MEMBERSHIPS**

- Association of American Geographers
- Southeastern Division of the Association of American Geographers
- The Tree-Ring Society

### **TEACHING EXPERIENCE**

- Visiting Instructor, 2007, “Physical Geography” and “Weather and Climate,” University of West Georgia. Instruct 65-person courses on basic concepts of climatology, meteorology, geomorphology, hydrology, and biogeography.
- Graduate Teaching Associate, 2006, “Geography of the Natural Environment I,” University of Tennessee. Instruct 88-person course on basic concepts of geomorphology, hydrology, climatology, meteorology, and geology.
- Graduate Teaching Assistant, 2005, “Introduction to Dendrochronology,” University of Tennessee. Supervised lab classroom and taught basic concepts of dendrochronology, tree physiology, field methods, and ecology.
- Graduate Teaching Assistant, 2003–2004, “Geography of the Natural Environment I and II,” University of Tennessee. Supervised lab classroom and taught basic concepts of geomorphology, hydrology, climatology, and geology.
- Graduate Teaching Assistant, 2005, “World Regional Geography,” University of Tennessee. Taught basic concepts of writing and human and political geography with emphasis on Africa, Asia, Australia, and Oceania.

### **OTHER APPOINTMENTS**

- August 2006. Field Research and Technical Assistant, Marble Springs, Knoxville, Tennessee. Dendrochronological dating of the Walker Springs Cabin. Department of Geography, University of Tennessee: for the Tennessee Historical Commission.
- October 2005–May 2007. Field Research and Technical Assistant, Great Smoky Mountains National Park, Tennessee. Collecting data on old-growth shortleaf pines. Department of Geography, University of Tennessee: for Dr. Grissino-Mayer and Lisa LaForest.

- October 2005. Guest Lecturer for Geography 432, “Using Dendrochronology to Solve Real-World Problems.” Department of Geography, University of Tennessee.
- September 2005. Field Research and Technical Assistant, The Hermitage, Tennessee. Dendrochronological dating of Alfred’s Cabin, a slave dwelling, Andrew Jackson’s Hermitage. Department of Geography, University of Tennessee: The Hermitage.
- June–August 2005. Field Research and Laboratory Assistant, Narrows, Virginia. Fire history and age structure analyses to help restore the Peters Mountain mallow (*Iliamna corei*), The Narrows, Virginia. Department of Geography, University of Tennessee: for The Nature Conservancy and Texas A&M University.
- January 2005. Field Research and Technical Assistant, Norris, Tennessee. Dendrochronological dating of Cane Cabin, Museum of Appalachia. Department of Geography, University of Tennessee: for Dr. Henri Grissino-Mayer.
- May 2004. Field Research and Technical Assistant, Hodgenville, Kentucky. Authentication of Abraham Lincoln’s birth cabin. Department of Geography, University of Tennessee: for Dr. Henri Grissino-Mayer.
- February 2004. Field Research and Technical Assistant, Johnson City, Tennessee. Authentication of Rocky Mount, Territorial Capital of Tennessee. Department of Geography, University of Tennessee: for The Tennessee Historical Commission.
- January 2004. Field Research and Technical Assistant, Abaco Island, Bahamas. Fire history study of *Pinus caribaea* stands. Department of Geography, University of Tennessee: for Global Environmental Change Research Group.
- September 2003. Field Research and Technical Assistant, Thomasville, Georgia. Using *Juniperus virginiana* to date unmarked gravesites. Department of Geography, University of Tennessee: for Alison Miller.

## **SERVICE TO THE COMMUNITY**

- May 2007. Southeastern Dendroarchaeology. Trail of Tears Association Meeting, New Echota, Georgia. Introduced the field of dendroarchaeology to meeting of historians and amateur archaeologists.
- April 2007. Trees: What they can tell us about climate change. University of West Georgia, Earth Day Celebrations, April 17, 2007.
- October 2006. Fire Ecology in the Mountains: Forest Dynamics and Disturbance Regimes of Southeastern Mixed Hardwood-Conifer Forests. Prescribed Fire Workshop, sponsored by the USDA Forest Service, 16–20 October 2006, Centre at Millennium Place, Johnson City, Tennessee. I will introduce Forest Service personnel to the use of dendrochronology in fire history studies and fire ecology in the Appalachian Mountains.

- February 2006. Fire history and forest succession in the central Appalachian Mountains. Ecological Fire Management Objective Setting Workshop, sponsored by The Nature Conservancy in Virginia, Alleghany Highlands Project, 7–8 February 2006, Warm Springs, Virginia. Workshop designed to introduce the use of dendrochronology in the reconstruction of fire history for management purposes.
- January 2006. Presenter/Instructor, Dendrochronology and Forest Ecology. Rx310 Introduction to Fire Effects Workshop. Introduced USDA Forest Service, Park Service, and Nature Conservancy personnel who work with fire to dendrochronology and its usefulness in eastern fire studies. January 30 – February 3 2006, Pigeon Forge, Tennessee.
- May 2005. Charles W. Lafon, Georgina G. DeWeese, Henri D. Grissino-Mayer, Serena R. Aldrich, Steven Q. Croy, and Elaine Kennedy Sutherland. Fire history and forest succession in yellow pine stands of the Appalachian Mountains. Presentation of fire history work to other researchers and professionals working with land/resource management. Southern Appalachian Fire Ecology Symposium, 24–25 May 2005, Coweeta Hydrological Station, Franklin, North Carolina.
- June 2005. Instructor, Math Science Partnership, Department of Geography, University of Tennessee. Hosted three secondary education teachers in the Laboratory of Tree-Ring Science. Instructed the teachers on using dendrochronology in the classroom and how to conduct fieldwork in urban forested environments.
- June 2005. Presenter, 2005 Teacher’s Forest Conservation Workshop, Department of Forestry, University of Tennessee. Introduced secondary education teachers to the subject of dendrochronology.
- January 2005–May 2005. Docent, Frank McClung Museum, University of Tennessee. Led tour groups through the Lost Worlds: Discovering Past Environments exhibit.
- October 2004. Presenter, Geography Awareness Week, Department of Geography, University of Tennessee. Introduced geographic concepts to middle and elementary school students.
- July 2003 Co-Group Leader at the North American Dendroecological Fieldweek in Missoula, Montana. Brought me into contact with graduate students, educators, and professionals interested in the field of dendrochronology. Conducted field research in threatened whitebark pine stands and fire-scarred ponderosa pine and lodgepole pine stands. In charge of transporting laboratory and field equipment to and from the Fieldweek and maintaining the equipment while there.

#### **PAPERS AND POSTERS PRESENTED OR COAUTHORED**

- Henri D. Grissino-Mayer, Charles W. Lafon, Georgina G. DeWeese, Serena R. Aldrich, and Lisa B. LaForest 2007. Reconstructing fire history in the southern and central Appalachian Mountains. Workshop on Prescribed Burning, Kentucky Department of Fish and Wildlife

Resources, 15 October 2007, Central City, Kentucky.

- Henri D. Grissino-Mayer, Charles W. Lafon, Georgina G. DeWeese, Serena R. Aldrich, and Lisa B. LaForest 2007. Fire history of the central and southern Appalachian Mountains: Prognosis in an era of uncertainty. Workshop on Lessons from Fire History: Past and Future, 22–26 October 2007, Columbia, Missouri
- Henri D. Grissino-Mayer, Charles W. Lafon, Georgina G. DeWeese, Serena R. Aldrich, and Lisa B. LaForest, 2007. Reconstructing fire history in the southern and central Appalachian Mountains. Central Appalachians Regional Fire Learning Network Meeting, 22–24 May 2007, Cumberland Falls State Park, Kentucky.
- Serena Aldrich, Jennifer Hoss, Charles Lafon, Georgina DeWeese, Henri Grissino-Mayer, Fire Regimes and Successional Dynamics of Table Mountain Pine Forests in the Central Appalachian Mountains. Annual Meeting, Association of American Geographers, 17-21 April 2007, San Francisco, CA.
- Charles W. Lafon, Jennifer A. Hoss, Henri D. Grissino-Mayer, Georgina DeWeese, Fire History and Forest Stand Dynamic of the Narrows Preserve, Peters Mountain, Virginia. Annual Meeting, Association of American Geographers, 17-21 April 2007, San Francisco, CA.
- Georgina G. DeWeese. 2007. Historical dendroarchaeology in the southeastern U.S.: methods and applications. Rome Area Historical Foundation, Inc., 22 February 2007, Rome, Georgia.
- Georgina G. DeWeese. 2007. Forest dynamics and disturbance regimes of Appalachian yellow pine stands. Department of Geography, California State University, Northridge, 15 February 2007, Northridge, California.
- Georgina G. DeWeese. 2007. Restoration and preservation of yellow pine stands in the Jefferson National Forest, Virginia. Department of Geography, University of North Alabama, 9 February 2007, Florence, Alabama.
- Georgina G. DeWeese. 2007. Fire regimes, stand dynamics, and climate analyses in yellow pine (pinus) stands of the Jefferson National Forest, central Appalachian Mountains, Virginia. Department of Geosciences, University of West Georgia, 5 February 2007, Carrollton, Georgia.
- Henri D. Grissino-Mayer, Charles W. Lafon, Georgina G. DeWeese, Serena R. Aldrich, Elaine K. Sutherland, and Steven Q. Croy. 2006. Reconstructed fire regimes of the Central Appalachian Mountains using a nested-layer network of dendroecological sites. Third International Fire Ecology and Management Congress, 13–17 November 2006, San Diego, California.

- Georgina G. DeWeese. 2006. Forest dynamics and disturbance regimes of southeastern mixed hardwood-conifer forests: A biogeographer's point of view. Department of Geosciences, University of West Georgia, 13 October 2006, Carrollton, Georgia.
- Henri D. Grissino-Mayer, Charles W. Lafon, Georgina G. DeWeese, Serena R. Aldrich, Elaine K. Sutherland, and Steven Q. Croy. 2006. Dendroecological reconstructions of fire regimes for the central Appalachian Mountains, USA. Seventh International Conference on Dendrochronology, 11–17 June 2006, Beijing, China.
- Michelle Pfeffer, Georgina DeWeese Wight, and Henri D. Grissino-Mayer. 2006. Saving the forest family: Regression-based age estimates of Table Mountain pine saplings. Exhibition of Undergraduate Research and Creative Achievement, 30–31 March 2006, The University of Tennessee, Knoxville, Tennessee.
- Georgina DeWeese Wight, Henri D. Grissino-Mayer, Serena R. Aldrich, Charles W. Lafon, Steve Croy, and Elaine Kennedy Sutherland. 2006. Fire regimes, stand dynamics, and climate response in three pine stands of the Jefferson National Forest, central Appalachian Mountains, Virginia. Annual Meeting, Association of American Geographers, 7-11 March 2006, Chicago, Illinois.
- Serena R. Aldrich, Charles W. Lafon, Henri D. Grissino-Mayer, and Georgina D. Wight. 2006. Fire history and stand dynamics of Table Mountain pine forests on Mill Mountain, Virginia. Annual Meeting, Association of American Geographers, 7-11 March 2006, Chicago, Illinois.
- Jennifer A. Hoss, Charles W. Lafon, Henri D. Grissino-Mayer, and Georgina D. Wight. 2006. Rekindling the flame: Reconstructing a fire history for Peters Mountain, Giles County, Virginia. Annual Meeting, Association of American Geographers, 7-11 March 2006, Chicago, Illinois.
- Lisa B. Wilkins, Jessica D. Brogden, Georgina DeWeese Wight, and Henri D. Grissino-Mayer 2006. Fire history in an old-growth shortleaf pine stand in the Great Smoky Mountains National Park, Tennessee. Annual Meeting, Association of American Geographers, 7-11 March 2006, Chicago, Illinois.
- Sarah A. Blankenship, Henri D. Grissino-Mayer, Meta G. Pike, and Georgina Wight. 2006. The dendroarchaeology of a nineteenth century saltpeter mining site: Cagle Saltpeter Cave, Van Buren County, Tennessee. The 18th Annual Meeting on Current Research in Tennessee Archaeology, 4 February 2006, Nashville, Tennessee.
- Henri D. Grissino-Mayer, David F. Mann, Georgina G. DeWeese, and Saskia L. van de Gevel. 2006. Historical dendroarchaeology in the eastern U.S.: Methods, ethics, issues, and applications. Conference on Historical and Underwater Archaeology, 11–15 January 2006, Sacramento, California.

- Charles W. Lafon, Georgina G. DeWeese, and Henri D. Grissino-Mayer. 2005. Fire Regimes and Successional Dynamics of Yellow Pine (*Pinus*) Stands in the Central Appalachian Mountains. Joint Fire Science Program Principal Investigator's Annual Workshop, 1–3 November 2005, San Diego, California.
- Michelle Pfeffer, Georgina DeWeese Wight, Henri D. Grissino-Mayer, and Charles W. Lafon. 2005. Regression-based age estimates of yellow pine (*Pinus*) saplings, Jefferson National Forest, Virginia. Annual Meeting, Association of American Geographers, 5–9 April 2005, Denver, Colorado.
- Serena R. Aldrich, Charles W. Lafon, Georgina DeWeese Wight, Henri D. Grissino-Mayer, Steven Q. Croy, and Elaine Kennedy Sutherland. 2005. “Our pappies ain’t burnin’ the woods no more”: The changing fire regimes of Table Mountain pine stands on Mill Mountain, Virginia. Annual Meeting, Association of American Geographers, 5–9 April 2005, Denver, Colorado.
- Georgina DeWeese Wight, Henri D. Grissino-Mayer, Serena R. Aldrich, Charles W. Lafon, Steven Q. Croy, and Elaine Kennedy Sutherland 2005. Variability of fire regimes and stand structure in yellow pine (*Pinus*) stands, Jefferson National Forest, Virginia. Annual Meeting, Association of American Geographers, 5–9 April 2005, Denver, Colorado.
- Georgina DeWeese Wight., Henri D. Grissino-Mayer, Serena R. Aldrich, Charles W. Lafon, Steven Q. Croy, and Elaine K. Sutherland. 2004. Fire regimes and successional dynamics of Appalachian yellow pine (*Pinus*) stands in the Jefferson National Forest. 15th Annual Southern Appalachian Man and the Biosphere Conference, 16-18 November 2004, Gatlinburg, Tennessee.
- Charles W. Lafon, Henri D. Grissino-Mayer, Georgina DeWeese Wight, Serena R. Aldrich, Steven Q. Croy, Elaine Kennedy Sutherland, and Michelle Pfeffer. 2004. Range of variability in fire regimes of Table Mountain pine (*Pinus pungens* Lamb.) stands in Virginia. George Washington and Jefferson National Forests, Fire Management Officers and Rangers Meeting, 12–14 October 2004, Marion, Virginia.
- Georgina DeWeese Wight, Henri D. Grissino-Mayer, Charles W. Lafon, and Elaine K. Sutherland. 2004. Spatiotemporal analyses of fire regimes in yellow pine stands, Craig Creek Valley, Virginia, USA. Annual Meeting, Association of American Geographers, 14–19 March 2004, Philadelphia, Pennsylvania.
- Charles W. Lafon, Henri D. Grissino-Mayer, Elaine K. Sutherland, Steven Q. Croy, Georgina DeWeese Wight, and Serena R. Aldrich. 2004. Fire regimes and successional dynamics of yellow pine (*Pinus*) stands in the central Appalachian Mountains. Region Eight Joint Fire Management Officers and Integrated Resources Meeting, 20–23 January 2004, Savannah, Georgia.
- Georgina DeWeese Wight and Henri D. Grissino-Mayer. 2003. Dendroarchaeological analysis of an Antebellum Period house, Atlanta, Georgia, USA. Annual Meeting,

Southeastern Division of the Association of American Geographers, 22–25 November 2003, Charlotte, North Carolina.

- Henri D. Grissino-Mayer, Steve Croy, Christopher Gentry, John Hiatt, Ben Osborne, Amanda Stan, and Georgina DeWeese Wight 2003. Fire history of western Montana forested landscapes via tree-ring analyses. Annual Meeting, Southeastern Division of the Association of American Geographers, 22–25 November 2003, Charlotte, North Carolina.
- Charles W. Lafon, Henri D. Grissino-Mayer, Elaine K. Sutherland, Steve Q. Croy, Georgina D. Wight, and Serena R. Aldrich. 2003. Fire regimes and successional dynamics of yellow pine (*Pinus*) stands in the central Appalachian Mountains. George Washington and Jefferson National Forests, Fire Management Officers and Rangers Meeting, 14–17 October 2003, Marion, Virginia.

## **MEDIA**

- Fall 2007. Tracking the Past: Geoscientist hot on the trail of authenticity. *West Georgia Perspective*, 64(1): 19.
- July 26, 2007. Signposts of the Past. *The Arkansas Democrat Gazette*. By Buddy Gough.
- April 2007. UWG professor plays pivotal role in geosciences field. *University of West Georgia Red and Blue Banner Alumni Newsletter*. <http://www.westga.edu/~alumni/banner>.
- April 11, 2007. Group looks to map trail trees. *Gainesville Times*, Gainesville, GA. By Debbie Gilbert.
- March 4, 2007. Scholars identify history of John Ross House. *The Chattanooga Times-Free Press*, Chattanooga, TN. By Chloe Morrison.