

DAVID MEADE LAWRENCE

6467 Hanna Drive, Mechanicsville, Virginia 23111 USA, (804) 559-9786

BORN

November 12, 1961, Westover Air Force Base, Massachusetts.

EDUCATION

Virginia Commonwealth University, Ph.D. candidate in Media, Art, & Text

Columbia University, M.S. Journalism, May 1998.

University of Virginia, ABD, Environmental Sciences, 1991-2002.

George Mason University, M.S. Geographic and Cartographic Sciences, May 1991.

Louisiana State University Medical Center in Shreveport, Attended medical school, 1986-1987.

University of Oklahoma, Postgraduate studies in Geography, 1983-1985.

Louisiana State University in Shreveport, B.S. Biology, *Cum Laude*, August 1983.

JOURNALISM AND OTHER WRITING EXPERIENCE

Author with Rutgers University Press, 1999-present. Wrote *Upheaval from the Abyss: Ocean Floor Mapping and the Earth Science Revolution* (2002), about the contributions of ocean research to the development of the theories of continental drift and plate tectonics.

Freelance screenwriter, 2002-present. Writing several screenplays, such as *Wegener!*, about Alfred Wegener, the originator of the theory of continental drift and *Out of the Dark*, a thriller. Completed screenplays for short films including *Cocktails and 40s*, *The Encounter*, and *Safe Haven: The Delmarva Fox Squirrel and Blackwater National Wildlife Refuge*.

Freelance documentary filmmaker, 2011-present. Completed two short documentaries, *The Encounter* and *Safe Haven: The Delmarva Fox Squirrel and Blackwater National Wildlife Refuge*.

Sports editor for Richmond Suburban Newspapers, 2013-present. Plans and executes sports coverage for the *Mechanicsville (Va.) Local* and *Goochland (Va.) Gazette*. Duties include photography, editing, design, pagination, and management of freelance correspondents.

Sports correspondent for the *Richmond (Va.) Times-Dispatch*, 2000-2013. Writes freelance sports and feature articles for the newspaper.

Contributor to *History of Cartography, Volume Six: Cartography in the Twentieth Century*, 2006-2010. Wrote articles on Marie Tharp and her contributions to ocean-floor mapping, the law of the sea, and environmental protection.

Science writer/editor for *Woods Hole Oceanographic Institution*, 2009-2010. Wrote encyclopedic entries on climate topics for WHOI's Web site. Duties also included writing scripts for ocean- and climate-related animations.

Sports correspondent for Richmond Suburban Newspapers, 2010-2013. Writes freelance sports and feature articles and takes photographs for the *Mechanicsville (Va.) Local*, *Goochland (Va.) Gazette*, *Midlothian (Va.) Exchange*, and *Powhatan (Va.) Today*.

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Freelance writer/editor/photographer for Sea Education Association, 2010. Responsible for daily Web updates from an oceanographic expedition researching plastic pollution in the North Atlantic Ocean. Duties included writing, editing, and photography. (<http://www.sea.edu/plastics2010/>)

Freelance writer for *Oceanus*, 2010. Wrote a feature article on plastic pollution in the ocean for the magazine's Web and print editions.

Freelance correspondent for *The Lancet Infectious Diseases*, 2007-2009. Wrote features on developments in medical research and public health, with a focus on infectious and emerging diseases.

Contributor to *World History Encyclopedia*, 2005-2009. Wrote encyclopedia entries on a number of topics, ranging from scientific techniques used to study environmental and human history to climate and environmental change to ancient human migrations.

Author with Chelsea House Publishers, 2007-2009. Wrote *Huntington's Disease*, a young adult book in the Genes and Disease series.

Contributor to the *International Encyclopedia of Human Geography*, 2007-2009. Wrote an encyclopedia entry entitled "Cartography: Oceanographic Mapping."

Official blogger, Richmond Folk Festival, 2008. Reported on and photographed preparations for and events of the first Richmond (Va.) Folk Festival.

Contributor to the *Encyclopedia of Health*, 2007-2008. Wrote several articles on medical topics for an encyclopedia targeting young adult readers.

Official blogger, National Folk Festival, 2007. Reported on and photographed preparations for and events of the 69th National Folk Festival in Richmond, Va.

Contributor to *The Science of Dune*, 2007. Wrote an essay on the "Ecology of *Dune*" for a compilation in the Smart Pop series published by Ben Bella Books.

Contributor to *The Science of Michael Crichton*, 2007. Wrote an essay on "*State of Fear*" for a compilation in the Smart Pop series published by Ben Bella Books.

Head screenwriter for the Karma vs. Mojo Experiment (Michael Panfield, producer), 2007. Led a team of writers preparing the screenplay, *Cocktails and Forties*, produced as part of the Richmond (Va.) 48 Hour Film Project.

Contributor to *Diseases and Disorders*, 2005-2007. Wrote encyclopedia articles on a number of parasitic and viral diseases.

Contributor to *Magill's Medical Guide, Fourth Revised Edition*, 2006-2007. Wrote articles on tularemia; updated articles on biological and chemical weapons, Chagas' disease, chronic wasting disease, leishmaniasis, prion diseases, and West Nile virus.

Freelance photographer, James River Writers, 2004-2006. Took photographs of the conference and related events for the James River Writers.

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Contributor to *Encyclopedia of the Developing World*, 2004-2006. Wrote articles on acid rain, Central African history and economic development, natural disasters, infectious diseases, global climate change, Slovenia, the Velvet Revolutions and the World Meteorological Organization.

Interim managing editor for *Historical Geography*, 2005-2006. Edited and designed 2006 issue, which included a special section on historical medical geography.

Freelance correspondent for *The Lancet*, 2002-2005. Wrote features on developments in medical research and public health.

Freelance editor for Woods Hole Oceanographic Institution, 2004-2005. Edited transcripts of a meeting on deep-sea fisheries for WHOI's Ocean Life Institute.

Contributing writer for *Geotimes*, 2001-2004. Wrote articles on research updates for the monthly earth and environmental science magazine and its related Web site.

Contributor to *Magill's Medical Guide, Third Revised Edition*, 2003-2004. Wrote articles on biological and chemical weapons, and preeclampsia and eclampsia.

Contributor to *Encyclopedia of Genetics, Revised Edition*, 2003-2004. Wrote an article on the genetics of emerging diseases.

Freelance contributor to *Vegetarian Times*, 2003-2004. Wrote an article on diet and the prevention of prostate cancer.

Freelance writer and photographer, *Richmond.com*, 2004. Reported and photographed a whitewater rafting trip on the James River by Virginia Gov. Mark Warner, Lt. Gov. Tim Kaine and their families.

Assistant sports editor for *The (Petersburg, Va.) Progress-Index*, 2004. Helped plan and execute coverage of daily sporting events, including photographic assignments; planned and executed section presentation; and served as newspaper's outdoor columnist.

Freelance correspondent for Agence France-Presse, 2002-2003. Covered breaking news in the Mid-Atlantic region.

Freelance scriptwriter for Finger Lakes Productions Inc., 2002-2003. Writes scripts for the syndicated radio programs *Our Ocean World*, about the oceans and ocean science, and *MicrobeWorld*, about microbes and their role in human lives and the environment.

Freelance writer for Lamont-Doherty Earth Observatory *Alumni News*, 2001-2002. Writes profiles of current and former Lamont personnel who have made major contributions to the history of Lamont and the earth sciences.

Contributor to *Magill's Encyclopedia of Science: Plant Life*, 2001-2002. Wrote articles on individual plant groups and on plant ecology.

Freelance photographer for Weigl Educational Publishers, 2001-2002. Photograph of water monitor lizard (*Varanus salvator*) from the island of Java published in the book *Leatherback Turtles* (E. Melanie Watt; Austin, Texas: Raintree Steck-Vaughn; 2002).

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Freelance editor for the Lamont-Doherty Earth Observatory Alumni Association, 2001. Edited *The Lamont we knew. . .*, a collection of reminiscences by former and current Lamonters.

Freelance photographer for *Betta Dreams* (www.bettadreams.com), 2001. Photographs of rice paddies from the island of Lombok used to illustrate betta (*Betta splendens*) habitats.

Freelance correspondent for University Sports Publications, 2001. Wrote features about Virginia athletes and sports organizations for an annual publication.

Copy/systems editor for the *Daily Press* in Newport News, Va., 1999-2000. Duties included copy editing, headline and cutline writing, page design, pagination, and maintenance of Quark and Word templates and style sheets for production and news-gathering teams.

Producer for *Digital City Hampton Roads/dailypress.com*, 1998-1999. Designed web pages and compiled content for online news and entertainment services affiliated with the Newport News, Va., *Daily Press*.

Freelance writer for *Mercator's World*, 1999. Wrote a profile of Marie Tharp, the woman who mapped the Earth's ocean floor and discovered the mid-ocean rift system, a finding that helped launch the plate tectonics revolution.

Freelance writer for *Woods Hole Currents*, 1999. Wrote profiles of three scientists who graduated from the Woods Hole/Massachusetts Institute of Technology joint degree program.

Freelance photographer for Lamont-Doherty Earth Observatory, 1999. Photograph of Lamont's former research vessel, the R/V *Vema* (now the S/V *Mandalay*), used in promoting Lamont's 50th anniversary celebration.

Copy editor/pagination editor/webmaster for the *Daily Record* in Parsippany, N.J., 1996-1998. Duties included copy editing, headline and cutline writing, page design, pagination, web site design and maintenance and training other staffers to maintain web site.

Freelance writer for Lamont-Doherty Earth Observatory of Columbia University, 1997-1998. Helped ghostwrite a chapter for Marie Tharp in a book commemorating the observatory's 50th anniversary. The chapter described the nearly 30-year effort by Tharp and other Lamont researchers to map the ocean floor.

Contributing editor for *Bioinform*, 1997. Reported on advances in information technology for the biotechnology industry.

Sports correspondent and copy editor, *The Daily Progress*, Charlottesville, Virginia, 1991-1994. Performed a number of freelance reporting, writing and editing assignments for the newspaper.

Sports correspondent and copy editor, *The Times*, Shreveport, Louisiana, 1985-1987. Performed a number of reporting, writing and editing assignments for the newspaper.

Videographer, The Shreveport Captains baseball team and First United Methodist Church, Shreveport, La., 1987. Shot closed-circuit broadcasts of baseball games and taped commercials for church services.

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Editor, *Caddo Citizen*, Vivian, La, 1985. Planned and executed news coverage for northern Caddo Parish, took and developed photographs, designed and laid out pages.

Freelance photographer, *The Times* in Shreveport, La., circa 1982. Photograph of efforts to fight a fire at a church published in the newspaper.

Copy boy, *The Times*, Shreveport, Louisiana, 1979-1981. Assisted the sports department during the football season.

TEACHING EXPERIENCE

Adjunct faculty/graduate assistant, Virginia Commonwealth University, 2010-present. Teaching journalism courses and advising students in the School of Mass Communications.

Adjunct instructor, Virginia State University, 2005-2010. Taught a lecture course in world regional geography. Duties include planning classes; developing lectures and designing exercises; preparing, administering and grading tests.

Substitute teacher, Hanover County Public Schools, 2009-2010. Substituted for teachers, aides, and other personnel at elementary, middle, and high schools.

Adjunct instructor, Virginia Union University, 2007-2009. Teaches courses in introductory geography, cultural geography, and physical geography. Duties include planning classes; developing lectures and designing exercises; preparing, administering and grading tests.

Adjunct instructor/adjunct assistant professor, J. Sargeant Reynolds Community College, Division of Arts, Humanities, & Social Sciences, 2005-2008. Taught lecture courses in geography. Duties included planning classes; delivering lectures and designing exercises; preparing, administering and grading tests.

Adjunct instructor/adjunct assistant professor, J. Sargeant Reynolds Community College, Division of Mathematics & Science, 2001-2008. Taught lecture and laboratory courses in meteorology, oceanography, biology, and anatomy and physiology. Duties included planning classes; delivering lectures and designing exercises; preparing, administering and grading tests.

Adjunct instructor, Virginia Commonwealth University, 2007-2008. Teaches courses in human geography and world regional geography. Duties included planning classes; developing lectures and designing exercises; preparing, administering and grading tests.

Hike leader, Old White Garden Club/Greenbrier State Forest annual Show-Me-Hike, 2003-2005, 2007-present. Lead nature enthusiasts on hikes to document spring wildflowers blooming in and around Greenbrier State Forest in Caldwell, W.Va.

Course writer, Nice Hat Productions, 2003. Wrote an Internet-based course, entitled "Mapping Your Family Tree: Internet basics in an Online World." Course is made up of six lessons, each of which includes a quiz and an assignment.

Adjunct instructor, John Tyler Community College, 2001-2002. Taught lecture and laboratory courses in biology. Duties included planning classes; delivering lectures and designing exercises; preparing, administering and grading tests.

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Instructor, John Tyler Community College, 2002. Taught a “How to get published” course as part of the college’s continuing education program.

Advisor, Department of Anthropology, Wake Forest University, 2000. Assisted an undergraduate student with an honors thesis involving tree-ring science.

Teaching assistant, Department of Biology and Department of Environmental Sciences, University of Virginia, 1991-1994. Taught laboratory courses in invertebrate zoology, terrestrial and forest ecology and the biology of plants and insects. Duties included planning courses; delivering lectures; designing exercises; preparing, administering and grading tests; developing written and graphic materials used in lectures and laboratories; writing computer programs for software used in courses.

Adjunct instructor, Piedmont Virginia Community College, 1993. Taught a laboratory course in general biology. Duties included planning courses; delivering lectures and designing exercises; preparing, administering and grading tests.

Teaching assistant, Department of Geography, University of Oklahoma, 1983-1985. Assisted with teaching graduate-level courses in dynamic and synoptic climatology and interpretation of aerial photographs and remote sensing imagery and taught an undergraduate laboratory in physical geography. Duties included planning courses, delivering lectures; designing exercises; preparing, administering and grading tests; preparing graphic materials used in lectures; programming modules for computer software used in courses.

RESEARCH, REGULATORY AND CONSULTING EXPERIENCE

Consultant, Lake Rawlings Scuba Park, 2007-present. Designing and conducting a study of the aquatic and terrestrial ecology of a quarry used by thousands of divers for recreation and training purposes.

Independent investigator, 1990-present. Collaborating with Steven L. Stephenson of the University of Arkansas on a long-term study of geographic patterns in forest community composition in the central Appalachian Mountains.

Independent investigator, 1992-present. Applying dendrochronological methods to a study of whether climate limits the distributions of five species of spruce in North America.

Independent investigator, 1994-present. Collected tree-ring samples in Saskatchewan and Manitoba. Ring width data will be used to verify predictions of forest succession models used in the Boreal Ecosystem-Atmosphere Study (BOREAS) and to evaluate climate-growth relationships along the BOREAS transect from Saskatchewan to Manitoba.

Independent investigator, 2006-present. Collaborating with Steven L. Stephenson of the University of Arkansas and Thomas E. Smith of Southern Arkansas University on a survey of slime molds and related algae on Ascension Island.

Independent investigator, 2009-present. Collaborating with Henri D. Grissino-Mayer of the University of Tennessee on an evaluation of the key-year crossdating technique patented by the late Herman J. Heikkinen. The technique has been used to date a number of historical wooden structures in the Mid-Atlantic and New England regions, but has yet to be subjected to independent scientific verification.

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Environmental program planner, Virginia Department of Environmental Quality, 2000-2002. Reviewed risk assessments and prepared risk assessment guidance for the Voluntary Remediation and Federal Facilities programs and wrote risk assessments for the Brownfields program.

Research assistant, Tree-Ring Laboratory, Lamont-Doherty Earth Observatory of Columbia University, 1995-1996. Performed laboratory and field research in support of projects directed by lab personnel. Analyzed samples and developed chronologies from living trees and subfossil wood from the eastern United States, Alaska, Canada, Japan, Mongolia, the Galapagos Islands, and Madagascar. Collected samples in the United States (including Hawaii), Canada and Indonesia.

Consultant, National Park Service, Shenandoah National Park, 1995-1996. Determined the age of trees by tree-ring samples collected throughout the park as part of a project to develop site index curves for the forests of the park.

Consultant, U.S.D.A. Forest Service, Northeastern Forest Experiment Station, 1994-1995. Aided Forest Service personnel in setting up hardware and software for tree-ring laboratory. Trained personnel in dendrochronological procedures. Assisted in measuring and ensuring quality control of tree-ring specimens from several projects, including a gypsy moth-induced mortality study from the West Virginia Forest and a mapping project of the forest vegetation from the Fernow Experimental Forest.

Consultant, Fairmont State College, 1994. Collected tree-ring data as part of a project to map the vegetation of West Virginia. Data will be used to develop an age layer for a geographic information system being developed as part of the project.

Consultant, Citizens for Responsible Correctional Planning, 1993. Conducted an endangered species survey near the site of a proposed prison in Culpeper County, Virginia.

Consultant, Ecological Society of America, 1992-1993. Assisted in the design of a survey of the society's membership, analyzed the data from the survey and prepared a report and three journal articles based on the results.

Research assistant, Chesson Consulting and Chesson Consulting, Inc., 1989-1991. Evaluated and analyzed information in support of environmental exposure and risk assessments. Projects included an analysis of the effects of asbestos removal on long-term airborne asbestos concentrations in buildings, an analysis of the efficacy of the Asbestos Hazard Emergency Response Act (AHERA) clearance test for asbestos abatement sites, compilation of quality assurance plans for two studies commissioned by the U.S. Environmental Protection Agency, a comparison of indoor and outdoor airborne asbestos levels, an analysis of the relationship of building age to the amount and condition of asbestos-containing material in buildings in New York City, preparation of a draft citizen's guide to asbestos, a cost analysis of proposed asbestos regulations in the City of New York and development of an exposure assessment for the full-scale commercial release of a genetically engineered microorganism.

Principal investigator, George Mason University, 1990-1991. Researched methods by which maps and other sources of spatial data can be used in environmental risk assessments. Studied geographic patterns in montane forest community composition in the Ridge and Valley Province of Virginia and West Virginia. Conducted a survey of environmental threats to montane forests in northwestern Virginia.

Research assistant, David C. Cox & Associates, Inc., 1991. Evaluated and analyzed information in support of environmental exposure and risk assessment. Continued projects begun at Chesson Consulting, Inc., including

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an analysis of the effect of asbestos removal on long-term airborne asbestos concentrations in buildings and an analysis of the effect of routine maintenance procedures on the release of asbestos fibers from asbestos-containing floor tiles.

Research assistant, Interstate Commission on the Potomac River Basin, 1991. Assessed methods of estimating pollutant loads in receiving waters from urban non-point sources. Compared results over a range of watershed characteristics, then verified method estimates against loads obtained from monitored catchments.

Consultant, Environmental Services International, 1991. Assisted in planning and implementation of environmental risk and impact assessment projects. Involved in the design of a field study to document the effects of exposure to a contact herbicide on wildlife in and near agricultural ecosystems.

Research assistant, Department of Geography, University of Oklahoma, 1983-1985. Performed multiple regression studies of agricultural systems efficiency on the western Great Plains. Assisted in preparation of composite maps of the synoptic climatology of ice storms in the southeastern United States. Assisted in surveying of erosion surfaces in the Badlands National Monument, South Dakota. Assisted student from the University of Georgia by collecting data on spring forest phenology of a floodplain forest near Norman, Oklahoma, as part of a study of the phenology of the Eastern Deciduous Forest.

Principal investigator, University of Oklahoma, 1984-1985. Conducted forest ecology research in the Sangre de Cristo Mountains, Colorado, in an effort to answer questions on the latitudinal variation of southern Rocky Mountain forests. Conducted a forest succession study on the South Canadian River floodplain near Norman, Oklahoma, in order to determine if development of the watershed affected composition of the forest.

Research and laboratory assistant, Department of Biological Sciences, Louisiana State University in Shreveport, 1980-1983. Aided in a field study of salamander reproductive migrations in northwest Louisiana. Took care of laboratory and museum animals. Assisted in the collection and preparation of numerous biological specimens for the museum.

Principal investigator, Louisiana State University in Shreveport, 1982-1983. Conducted a comparative study of rodent microhabitat preferences in the Chiricahua Mountains of southeastern Arizona and the Jemez Mountains of northern New Mexico.

Research Assistant, Red River Research Station, 1982. Assisted in research on the effectiveness of pest management practices on agricultural pests of cotton and soybeans.

SERVICE

Listserv owner and manager, American Institute of Biological Sciences/National Center for Science Evolution List Server Network. 2000-present. Manage VA-EVOLVE, the network's list for the state of Virginia.

Listserv manager, J97: Columbia Graduate School of Journalism Class of 1997 Alumni List, 2005-present. Assist in managing mailing list for alumni.

Listserv owner and manager, Online Weather Studies Workshop 2006. 2006-present. Created and manage OWSW-2006, a list for participants in the 2006 American Meteorological Society/National Oceanic and Atmospheric Administration/National Science Foundation Online Weather Studies Minority-Serving

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Institutions Faculty Workshop in Kansas City, Missouri, to share the pleasure, pain -- and maybe even ideas -- of how to implement the AMS Online Weather Studies course.

Listserv owner and manager, Online Ocean Studies Workshop 2006. 2006-present. Created and manage OOSW-2006, a list for participants in the 2006 American Meteorological Society/National Oceanic and Atmospheric Administration/National Science Foundation Online Ocean Studies Minority-Serving Institutions Faculty Workshop in Seattle, Washington, to share the pleasure, pain -- and maybe even ideas -- of how to implement the AMS Online Ocean Studies course.

Listserv manager, ITRDBFOR (The International Tree-Ring Data Bank Forum), 2006-present. Assist in managing the primary listserv for the international community of tree-ring researchers.

Adjunct member, Professional Development and Renewal Committee, J. Sargeant Reynolds Community College 2006-2008. Served a two-year term representing adjunct faculty on a committee that plans and implements professional development programs for the college.

Volunteer, National Folk Festival, 2005-2007. Assist with checking artists in to hotel, escorting artists and others from venue to venue, and providing security at venues during a three-day music and arts festival.

Member, board of directors, James River Writers (formerly James River Writers Festival), 2004-2006. Helped plan for festival and related events in order to promote literature and literacy in central Virginia.

Finance committee chairman, James River Writers (formerly James River Writers Festival), 2006. Provided oversight to financial matters for the organization.

Treasurer, James River Writers, 2005. Was responsible for the financial affairs of the organization; including writing and approving checks; establishing and improving financial management procedures; monitoring expenditures to ensure that they are consistent with annual budget; and preparing periodic financial reports for the organization's board of directors.

Panel moderator and invited speaker, James River Writers Conference, 2005. Scheduled to moderate a panel entitled, "Don't Quit the Day Job," and to participate in a panel discussion entitled, "Making it by Freelancing," at the 2005 conference to be held on September 30 and August 1.

Invited speaker, Edgar Allan Poe Young Writer's Conference, 2005. Led a discussion on writing and selling non-fiction.

Session organizer and moderator, National Association of Science Writers, 2005. Worked with fellow NASW member and author Rebecca Skloot to prepare panel on "Writing for the Long Haul: Tackling Big Projects from Idea to Print," for the organization's 2005 annual meeting in Washington, D.C.

Invited speaker, James River Writers Festival, 2004. Panelist for a session entitled, "Writing Readable Science," for the 2004 writers' conference in Richmond, Va.

Volunteer, James River Writers Festival, 2003. Primary task was coordinating the Reading, Writing, Richmond! program, in which area authors, writers and other publishing professionals visit schools in the Richmond, Va., metropolitan area to lecture and conduct workshops about the craft of writing.

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Invited speaker, University of Richmond, 2003. Participated in a panel discussion on “The Writer’s Life in Richmond,” which was a part of the James River Writers Festival.

Invited speaker, Richmond Public Library, 2003. Moderated a discussion of the writer’s art as part of the James River Writers Festival’s Reading, Writing, Richmond! program.

Invited speaker, Patrick Henry High School, 2003. Discussed oceanography with two oceanography classes as part of the James River Writer’s Festival’s Reading, Writing, Richmond! program.

Invited speaker, Lee-Davis High School, 2003. Discussed environmental journalism with two ecology classes as part of the James River Writer’s Festival’s Reading, Writing, Richmond! program.

Journalism mentor, Lee-Davis High School, 2003. Visited the school to discuss the art and craft of journalism and to help students improve their reporting, writing and editing skills.

Invited speaker, University of Alabama, Birmingham, 2003. Participated in a panel discussing writing and editing careers for the UAB Industry Roundtable Career Day 2003.

Webmaster for First Unitarian Church, Richmond, Va., 2001-2002. Maintained web site for church.

Editor for *Yours Aye*, the newsletter of Clan Sinclair USA, 2002. Wrote, edited and designed newsletter for the Scottish heritage society.

Invited speaker, University of Virginia, 2001. Participated in a panel discussion entitled “Careers in Print: Publishing and Journalism,” organized for graduate students in the Graduate School of Arts & Sciences by the Graduate Student Council and University Career Services.

Guest speaker, Department of Environmental Sciences, University of Virginia, 2000. Organized and presented an afternoon seminar on the theory and methods of tree-ring science for interested students and faculty members.

Research assistant, North American Dendroecological Fieldweek, 1995. Assisted a number of groups conducting tree-ring research at fieldweek held at the Kananaskis Field Station, Alberta, Canada.

Research assistant, North American Dendroecological Fieldweek, 1994. Assisted a number of groups conducting tree-ring research at fieldweek held at the Southwestern Research Station, Cochise County, Arizona.

Co-group leader, North American Dendroecological Fieldweek, 1993. One of the leaders of a group conducting research on the dendroecology of red spruce at the 1993 fieldweek held at Mountain Lake Biological Station in Giles County, Virginia. Helped teach principles of tree-ring analysis to fellow scientists.

Volunteer, Public Affairs Office of the Ecological Society of America, 1988-1993. Organized and maintained databases, including an Ecological Information Network of ecologists and their specialties, answered queries, and assisted in newsletter and information brochure production. Continued as a consultant on computer applications.

President, University of Oklahoma Graduate Student Association, 1984-85. Developed and defended the budget proposal, hired and supervised GSA staff, presided over meetings of the graduate student senate and

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served as the official representative of the 3,000 graduate students at meetings of the faculty senate, student senate and before the dean of the graduate school.

Communications secretary, University of Oklahoma Graduate Student Association, 1983-84. Kept records of meetings, supervised the publication and distribution of the GSA newsletter and planned fund-raising and other events carried out by the association.

Organizer, Tensas Conservancy Coalition, 1980-1985. Wrote press releases and coordinated media coverage, organized and staffed information booths, directed letter and petition drives, gave presentations to groups and recruited volunteers.

MANAGEMENT EXPERIENCE

Owner, David M. Lawrence Company, 1991-present. Engaged by clients for a number of tasks, including environmental studies, statistical consulting, membership surveys, report preparation and freelance writing, editing, and photography.

Corporate secretary, Chesson Consulting, Inc., 1990-1991. Took minutes of business meetings, signed and witnessed documents, and maintained corporate seal.

GRANTS

National Association of Science Writers Career Grant, 2010. Proposal entitled: Improved ability to offer professional-quality photography and audio recording from the field. Awarded amount: \$2,495.78.

Professional Development & Renewal Grant, J. Sargeant Reynolds Community College, 2006. Proposal entitled: Biological survey of fungi and algae of Ascension Island. Awarded amount: \$2,500.

Moore Award, Department of Environmental Sciences, University of Virginia, 1993 (with Patrick N. Halpin, Erik A. Hobbie and Michael A. Lefsky). Proposal entitled: Furthering Dendrochronological Investigations at the University of Virginia. Awarded amount: \$2,515.

HONORS

Fulbright U.S. Student Program, 2013: Named an alternate for a grant to Vanuatu for the proposal, “[Environmental] Tales of the South Pacific.”

Greater Richmond Challenge, 2006: Selected by the Greater Richmond (Va.) Chamber of Commerce to participate on a team charged with recommending solutions for some of the metropolitan area’s problems.

Virginia Press Association, 2005: Won second place in sports news writing (with David Breidenbach, John Medeiros, and Jason Reeves) on a series of reports on Colonial Heights High School considering a drop to a lower athletic division in the Virginia High School League.

Who’s Who Among America’s Teachers® 2005.

Certificate of Appreciation, Alpha Iota Beta Chapter, Phi Theta Kappa, 2003.

Southern Festival of Books, 2002: *Upheaval from the Abyss* selected as a featured book.

Fall for the Book, 2002: *Upheaval from the Abyss* selected as a featured book. (Interview after session aired on C-SPAN2’s Book TV.)

Boats, Books & Brushes, 2002: *Upheaval from the Abyss* selected as a featured book.

Beneath the Sea, 2002: *Upheaval from the Abyss* selected as a featured book.

Virginia Festival of the Book, 2002: *Upheaval from the Abyss* selected as a featured book. (Session, with fellow author Daniel Lenihan – author of *Submerged* – broadcast on C-SPAN2’s Book TV.)

Louisiana State University in Shreveport Merit Scholarship, 1983.

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MEMBERSHIPS

American Geophysical Union, American Society of Journalists and Authors, American Society of Limnology and Oceanography, Association for Study of Literature and the Environment, The Authors Guild, DC Science Writers Association, International Biogeography Society, International Society for Reef Studies, National Association of Science Writers, Science Fiction Research Association, Society of Environmental Journalists, The Tree-Ring Society.

CERTIFICATIONS

Professional Association of Diving Instructors: Divemaster (No. 240478), TEC Gas Blender, Master Scuba Diver, Rescue Diver, Advanced Open Water Diver, Open Water Diver, Enriched Air Diver, Underwater Photographer, Dry Suit Diver, Deep Diver, Emergency First Response, Equipment Specialist.

PROFESSIONAL WORKSHOPS

American University Center for Environmental Filmmaking's Classroom in the Wild: Chesapeake Bay, 2012: Participated in a one-week, non-credit course on how to make environmental films, with a focus on Blackwater National Wildlife Refuge on Maryland's Eastern Shore. Produced a four-minute film entitled, *Safe Haven: The Delmarva Fox Squirrel and Blackwater National Wildlife Refuge*. The first cut of the film can be viewed at: <http://youtu.be/Y8yPuzfqTtg>

American Meteorological Society/National Oceanic and Atmospheric Administration/National Science Foundation Online Weather Studies Minority-Serving Institution Faculty Workshop, 2006: Participated in a workshop – held at the National Weather Service Training Center in Kansas City, Missouri – designed to improve skills at teaching meteorology in a variety of settings as well as to improve recruiting of minority students into sciences such as meteorology.

American Meteorological Society/National Oceanic and Atmospheric Administration/National Science Foundation Online Ocean Studies Minority-Serving Institution Faculty Workshop, 2006: Participated in a workshop – held at The University of Washington School of Oceanography and the National Oceanic and Atmospheric Administration in Seattle, Washington – designed to improve skills at teaching oceanography in a variety of settings as well as to improve recruiting of minority students into sciences such as oceanography.

PEER REVIEWER

Canadian Journal of Forest Research, 1996

Palaeogeography, Palaeoclimatology, Palaeoecology, 2006

Tropical Ecology, 2009

Association for Education in Journalism and Mass Communication, 2011

PUBLICATIONS

Books

Lawrence, D.M. 2002. *Upheaval from the Abyss: Ocean Floor Mapping and the Earth Science Revolution*. New Brunswick, New Jersey: Rutgers University Press.

Lawrence, D.M. 2009. *Huntington's Disease*. New York: Chelsea House Publishers.

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