

CURRICULUM VITAE

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CURRENT TITLE: Department Head and Associate Professor (tenured) (75%);
Research Scientist (25%)
Prairie View A&M University
Department of Agriculture, Nutrition, and Human Ecology (ANE);
Cooperative Agricultural Research Center (CARC)
Plant and Environmental Systems Research Program
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DATE OF BIRTH: October 8, 1962 (Elizabeth City, NC)

EDUCATION: B.S. (Soil Science), North Carolina State University, 1984
M.S. (Soil Science), North Carolina State University, 1986
Minor (Public Administration), North Carolina State University, 1986
Ph.D. (Pedology/Soil Science), Texas A&M University, 1991

PROFESSIONAL AND ACADEMIC APPOINTMENTS:

Department Head, Prairie View A&M University, ANE Dept., 2006 to present
Interim Department Head, Prairie View A&M University, ANE Dept., 2004-06
Associate Professor (tenured), PVAMU, ANE Department, 2004 to present
Assistant Professor, Prairie View A&M University, ANE Department, 2000-2004
Research Scientist, Prairie View A&M University, CARC, 1991-Present
Instructor, Prairie View A&M University, ANE Department, 1991-2000
Consulting Soil Scientist (part-time), Wetland Soils Specialist, 1991-Present
Director and Educator (part-time). Studies in Environmental Education
Program (SEEP) for minority youth in Bryan, Texas. Feb., 1994 - Dec., 1995
Ph.D. University Fellow, Texas A&M University, 1987-91
Soil Scientist, U.S. Dept. of Agriculture - Soil Conservation Service, 1986-91
M.S. Graduate Research Assistant, North Carolina State University, 1984-86
Cartographic Technician, U.S.D.A. - Soil Conservation Service, 1982-84

PROFESSIONAL ACTIVITIES AND RECOGNITION:

Professional Geoscientist (PG), Licensed in Texas, 2003-09.
Certified Professional Soil Scientist (CPSSc) - ARCPACS: A Federation of
Certifying Boards in Agriculture, Biology, Earth and Environmental Science,
1992-09.
Board on Oceans and Atmosphere (BOA) of NASULGC, 1993-2009.
Professional Soil Scientists Association of Texas (PSSAT), 1992-2009.
Council for Agricultural Science and Technology (CAST), 1994-2009.

PROFESSIONAL ACTIVITIES AND RECOGNITION: (continued)

Gamma Sigma Delta, TAMU Chapter, 1990-2009.
Sigma Xi, Scientific Research Society, TAMU Chapter, 1990-2009.
Alpha Zeta Fraternity, Agricultural Honor Fraternity, NCSU Chapter, 1983-09.
American Society of Agronomy, 1988-2009.
Soil Science Society of America, 1988-2009.
International Union of Soil Sciences, 1988-2009.
National Technical Committee for Hydric Soils (NTCHS), 2000-2009.
Texas State Technical Committee for USDA-NRCS, 1996-2009.
Reviewer for Soil Science Journal, 2006-07
Reviewer for Catena, Journal, 2007-09, An Interdisciplinary Journal of Soil Sci.
Editorial Committee for SSSA Special Publication "Aquic Conditions and Hydric Soils: The Problem Soils", 1994-97.
Editorial Committee for SSSA Special Publication "Guidelines for Analysis and Description of Soil and Regolith Thin Sections", 1997-2003.
Reviewer for Clays & Clay Minerals, Journal of Clay Minerals Society, 1996.
Reviewer for Wetlands, Journal of the Society of Wetland Scientists, 1994-96.

TEACHING AND ACADEMIC INITIATIVES:

Application of Biostatistics (AGRO 5783, graduate course), 1995-2009.
Introduction to Biostatistics (AGRO 5713, graduate course), 1995-2008.
Application of Biometrics (AGRO 5783, graduate course), 1992-94.
Introduction to Biometrics (AGRO 5713, graduate course), 1991-94.
Environmental Microbiology (AGRO 5613, graduate course and lab), 1997-2002.
Environmental Microbiology (HUSC 5993, graduate course and lab), 1997-2002.
Environmental Soil Science (AGRO 2603, undergrad. course; lab), Fall, 1998.
Environmental Soil Science (AGHR 4993, undergrad. course; lab), Fall, 2001.
Soil Microbiology (AGRO 4613, undergraduate course and lab), 1999-2005.
Soil Microbiology (AGHR 4993, undergraduate course and lab), Spring, 1998.
Soil Morphology, Genesis, and Classification (AGRO 2623), 1997-2000.
Environmental Science and Management (HUSC 5993, graduate), Spring, 1998.
Natural Resource Conservation and Management (AGRO 2613, undergraduate course and laboratory), Fall, 1996.
Soils and the Environment (AGRO 2603, undergraduate course), 1995-97.
Soil Science (AGRO 2613, undergraduate course and laboratory), 1994-95.
Introduction to Soil Science (AGRO 301, undergraduate laboratory course), 1990

RESEARCH INTEREST AND GRANT SUPPORT:

Accretion or Loss of Sediments in an Old River Cove Marsh, Bridge City, TX.
(Coop. project with TX. Parks and Wildlife Department). 25,000. Funded.
Wetland-Pond Ecosystem Approach for Physical, Chemical, and Biological Integrity of Small Watersheds Impacted by Agric. 6,000. Funded (1994).
68,000. Funded (1995-2001). (Coop. project with TAES - Stephenville).
Studies in Environmental Education Program (SEEP) for Minority Youth in Bryan, Texas. 185,000. Funded (1994-95). (Private Grant)

RESEARCH INTEREST AND GRANT SUPPORT: (continued)

Dynamic Soil Processes Associated with Fluctuating Water Tables in Wetland Soils of the Texas Gulf Coast Prairie. 135,200. Funded (1992-2002).
Comparison of USDA Soil Taxonomy and FAO/UNESCO Soil Classification Systems on a Channelized Meander of the Rio Grande, Hidalgo Co., TX.
A Study of the Effects of Added Organic Carbon and Altered pH Levels on Microbiological Activities in the Duval Soil of Frio County, TX.
Erosion and Conservation of Selected Tropical Soils in Mali, West Africa.

SELECTED PUBLICATIONS SINCE 1998:

S.A. Jyoti and R.W. Griffin. 2005. Delineation Costs Associated with Three Wetland Types on the Texas Gulf Coast Prairie. Soil Survey Horizons, Winter 2005, pp. 161-168.

S. Smith and R.W. Griffin. 2003. Measurement of pH, Eh, and Fe⁺² levels in 6 soils on the Prairie View A&M University Farm. ARD Paper Series.

Griffin, R.W., J. Trevino, and W. Anthony. 2003. Quantitative Assessment of Accretion or Loss of Wetland Sediments in a Coastal Marsh, East Texas. ARD Paper Series.

Griffin, R.W., S.M. Starowitz, and L.P. Wilding. 1998. Wetness conditions and redoximorphic features in a microtoposequence on the Texas Coast Prairie. In M.C. Rabenhorst, J.C. Bell, and P.A. McDaniel (eds.) Quantifying Soil Hydromorphology. SSSA Special Publication Number 54. SSSAJ, Inc., Publ. Madison, WI.

Griffin, R.W. 1998. Land-use regulation and control. In M.S. Coyne and C.W. Allin (eds.) Natural Resources. Salem Press. Englewood Cliffs, NJ. ISBN 0-89356-912-7. pp. 435-36.