CURRICULUM VITA

FRANK R. HALL, Ph.D.

10501 Landing Way #128
Miamisburg, OH 45342
Mobile: 301-760-0938 - *Email:* frhall@icloud.com

LEADERSHIP EXPERIENCES, SERVICE TO COMMUNITY AND PROFESSIONAL DEVELOPMENT

Ecological Society of America, Washington, DC
- Public Affairs Committee: Member, 2023 to present

United Nations, New York City, NY
- Pool of Experts, United Nations World Oceans Assessment Programme, 2012-present
- Contributor to Publications:
  - Volume 2, 2021
  - Volume 1, 2016
- Contributor, Global Sustainable Development Report, 2015
- Online participant: UN Climate Change Conferences
  - COP 27, 2023
  - COP 26, 2022
  - COP 25, 2019
- Online Participant: Ocean Decade Conference 2024

Island Innovations, Hermosa Beach, CA
- Online Conferences Participant
  - Water Resources for Islands: The Road to the UN Water Conference 2023
  - Virtual Island Summit: 2022, 2023, and 2025

ACADEMIC PROFESSIONAL EXPERIENCE

Central State University 1890 Land Grant Institution, Wilberforce, OH 8/2025 to Present

Professor of Oceanography 4/2026 to Present
Dean, Tenured Full Professor, John W. Garland College of Engineering, Science, Technology, and Agriculture 8/2025 to 4/2026
I oversee all administrative aspects of Ag-STEM research and education within the College. In addition, I

- *Created the Strategic Organization Plan for the College*
- *Serve on the Provost's Executive Committee*
- *Serve on the university's Deans' Council*
- *Serve on CSU's Purple Star committee supporting veterans' education*

- *Lead the College's re-organization*
- *Lead the College's all-college meetings*
- *Lead the College's adaptation to Ohio's Senate Bill 1*
- *Lead the development of graduate degree programs in the College*
- *Lead external programming enhancing cooperation and collaboration*
  - *Participant, Dayton Chamber of Commerce regional programs*
  - *Participant, regional NAACP annual awards dinner*
  - *Intel semiconductor program*
  - *Regional K-12 schools and school districts*

Southern Utah University, Cedar City, UT **2019 to 6/2023**

Industry Innovation Director **2023**
I engaged with industry partners, promoting university partnerships and economic development, recognizing that collaboration builds innovation.

Special Advisor to the Provost and Tenured Full Professor **2022 to 2023**
Developing Anti-racism practices, policies, and procedures with the Office of Diversity, Equity, and Inclusion

Dean, Walter Maxwell Gibson College of Sciences **2020 to 2022**
Oversaw 3 departments, creating a new Geosciences Department and 3 environmental degree programs

Dean, Walter Maxwell Gibson College of Science & Engineering **2019 to 2020**
Oversaw all STEM and Nursing departments. College was later split into 3 separate colleges.

In addition to academic programs, the new College has within its organizational structure, the SUU STEM Center, and The Frehner Museum of Natural History. As Dean, I oversee the administrative functions within the college including:

- *Led the development of a funded $5.7 multi-institutional grant proposal on apprenticeships*
- *Member – Curriculum Committee*
- *Member – Course Fee Committee*
- *Organizer and Co-Chair, Southern Utah University Sustainability Committee*
- *The development of new projects and programs, including workforce initiatives through the Utah Division of Workforce Services and the US Department of Labor*
  - ✓ *A recent grant for apprenticeship programs awarded by the US Department of Labor in the sum of $5.7 million*
  - ✓ *Recent support from the State of Utah to study pollinators totaling $180,000*
- *Oversee All College budgetary processes*
- *Inter- and Intra-departmental course schedules and assessments*
- *Support of academic and non-academic programs*
- *Review documentation for promotion and tenure in the college*
- *Support professional development of faculty and staff within the college*
- *Support research of both faculty and students*
- *Strategic Planning*

- *College-wide Board of Trustees*
- *Private and public sector partnerships*
- *Southern Utah University Deans Council*
- *Southern Utah University Academic Leadership Committee*
- *Board of Trustees, Southern Utah University SUCCESS Academy*
- *Southern Utah University Sponsored Programs, Agreements, Research, and Contracts (SPARC) Oversight Committee*
- *Institutional Program Fee Assessment Committee*
- *Utah Public Lands Grant Initiative Review Committee*
- *Various search committees*

Saginaw Valley State University, University Center, MI **2015 to 2019**

Dean, College of Science, Engineering, and Technology
As Dean, I managed a College with 7 departments and >100 faculty and staff, and >2300 full-time majors. Further, I represented the University and College in on-campus and off-campus events and programs. My other duties included:

- *Member, Presidents Executive Council*
- *Member, Academic Affairs Council*
- *Member, Professional Practices Committee*
- *Member, Strategic Planning Committee*
- *Member, Public Affairs Council*
- *Member, Enrollment Management Council*
- *Member, Curriculum Committee*
- *Oversaw Dean-Chairs Council*
- *Organized Engineering Advisory Group*
- *Organized group to evaluate the cause and responses to a chemical spill within an undergraduate chemistry lab leading to new practices, policies, and procedures on how the university responds to emergencies*
- *Within my first year of working, I hired two women faculty in two departments (one each) that previously had*
- *Led ABET Accreditation processes*
- *Supported academic and non-academic programs within the College*
- *Approve departmental budgets*
- *Worked to improving multiculturalism and diversity on campus*
  - ✓ *Within my first year of working, I hired two women faculty in two departments (one each) that previously had none*
  - ✓ *Developed the Rising Stars of STEM program to encourage students from marginalized communities to become STEM majors*
- Supported community health programs through the Saginaw Community Foundation, including organizing a symposium on the Science of the Flint, Michigan Lead-Water Crisis
- *Inspire today's and future generations of K-12 students to consider STEM careers and enroll at SVSU*
- *Collaborated across campus to enhance opportunities for faculty, students, and staff*
- *Directed student grade-grievance committees*
- *Support and improve infrastructures in the College including classroom and laboratory needs*

- *Hire new faculty and support staff*
  - ✓ *Evaluate tenured and non-tenured faculty*
    - *Submitted Individual Evaluation Report for faculty undergoing Professional Practices Committee review*
  - ✓ *Evaluate the performances of support staff*
- *Support professional development opportunities for faculty, staff, and students*
- *Re-organized and supported the Independent Testing Laboratory*

Worcester State University, Worcester, MA **2012 to 2015**

Tenured Full Professor, Department of Earth, Environment and Physics
- *Teaching courses within my department*
  - ✓ *GS101 – Physical Geography*
  - ✓ *GS140 – Physical Geology*
  - ✓ *GS140L – Physical Geology Laboratory*
- *Advise/Mentor Students*
- *Service to the Worcester State University and external communities including:*
  - ✓ *Administrative Policy Committee*
  - ✓ *Advisory Board Member, Latino Education Institute*
  - ✓ *Advisory Board Member, Center for Service Learning and Civic Engagement*
  - ✓ *Enrollment Management Committee*
  - ✓ *State of Massachusetts STEM Advisory Council: Working Group to Define STEM in the Commonwealth*
  - ✓ *Advisory Board, Central Massachusetts STEM Network*
  - ✓ *Essex Catholic High School Foundation Hall of Fame Committee*

Dean, School of Education, Health Sciences and Natural Science
As Dean, I managed and directed 3 programs, 10 departments, 103 full-time faculty, 111 part-time faculty, and 13 clerical/technical support staff. My duties and accomplishments included:

- *Organizing and Chair, Innovation and Entrepreneurship Working Group*
- *Establishing cross-curricular collaborations, emphasizing Science, Technology, Engineering, and Mathematics (STEM) research and education*
- *Developing and overseeing the budget for the School of Education, Health, and Natural Sciences*
- *Leading and developing strategic planning processes within the School of Education, Health, and Natural Sciences*
- *Evaluating annual performance reviews of faculty and staff*
- *Recommending academic promotion and tenure, and approving new faculty hires*
- *Approving semester and academic year courses and sections for the school*
- *Establishing and promoting community outreach, especially with respect to STEM education with local public-school systems, community-based programs and organizations, and private industry and individuals*
- *Fund raising to support the mission of the School of Education, Health, and Natural Sciences and Worcester State University, and faculty teaching, professional development, and research*
- *Approve academic courses and sections offered each semester in the School*
- *Supporting the accreditation processes of departments and programs*

- *Administering student appeals, especially with respect to grades, faculty complaints, and academic dishonesty*
- *Representing the School of Education, Health, and Natural Sciences in the Academic Affairs Council*

I served on the following:

- *President's Cabinet*
- *University Emergency Response Team*
- *Academic Affairs Council*
- *Board, Latino Education Institute*
- *Advisory Board, Nursing Program*
- *Principal Investigator, Improving Teacher Quality (ITQ)*
- *Chair and Organizer: Innovation and Entrepreneurship Working Group*
- *Chair, Search Committee: Assistant Vice President for Academic Affairs*
- *Revenue Enhancement Committee/Grants Subcommittee*
- *Clery Act Working Group*
- *Enrollment Management Committee*
- *Student Intervention Team*
- *WSU Graduate Council*
- *Special Committee on Capitol Projects*
- *Board of Trustee, Seven Hills Charter School*
- *Member, Essex Catholic High School Foundation Hall of Fame Committee*
- *Advisory Board, The Art of Science Program, Ecotarium*
- *Advisory Board, Central Massachusetts STEM Network*
- *Chair, Education Committee, International Conference on Axiomatic Design*

Worcester Polytechnic Institute, Worcester, MA **2014 to 2016**

I was a Visiting Scholar at Worcester Polytechnic Institute working with the College of Arts & Sciences, College of Engineering, and STEM Education Center on the intersection of Science and Society including, but not limited to:

- *Water Resources Development*
- *Marine Resource Utilization and Sustainability*
- *Using Axiomatic Design Theory to Improve Curriculum Development*
- *Moderator, Retention Programs for Post-secondary STEM Majors, Massachusetts STEM Summit*

Texas A&M University, Commerce, TX **2011 to 2012**

STEM Specialist, College of Education and Human Services:

- *Launched LEOTEACH*
- *Oversaw all aspect of STEM education and secondary teaching certification*
- *Developed strategic plan to increase enrollment in STEM education*
- *Organized and coordinated efforts between the College of Education and Human Services and College of Science Engineering and Agriculture to enhance and improve STEM education*

- *Organized benchmark data (13 students) pursuing secondary STEM certification to the 74 students*
- *Generated awareness of careers in STEM and STEM education to future students, students, and faculty*
- *Redesigned STEM education degree plans*
- *Created external partnerships to increase scholarship support*
- *Wrote and assisted others with grant proposals (PI or Co-PI on submitted proposals totaling more than $2.5 million)*
- *Mentored junior STEM and STEM education faculty on grant writing and leadership*
- *Developed and implement marketing plan to increase awareness and support program activities*
- *Advised secondary STEM education majors on course requirements, job placement, and career planning*
- *Advised for Noyce Capacity Building Program*
- *Managed and mentor staff*
- *Marketed program to local and regional business partners to garner support*
- *Organized and submitted STEM Education related courses to registrar for inclusion in the course catalog:*
  - ✓ *CED 307: Knowing and Learning in Mathematics and Science*
  - ✓ *CED 412: Project-Based Learning for Mathematics and Science Teachers*
  - ✓ *CED 421: Secondary Classroom Interactions in Mathematics and Science*

George Mason University, Fairfax, VA **2005**

Visiting Professor
I was honored to have been given a Visiting Professor position at George Mason University, after being displaced by Hurricane Katrina to the Washington, DC area, allowing me to complete my responsibilities while still a faculty member at the University of New Orleans. While there I also participated in GMU's on-campus activities including:

- *Assisted in the preparation of a science-education research grant proposal*
- *Participated in a field trip to an area for environmental monitoring by George Mason*
- *Gave an invited presentation*

University of New Orleans, New Orleans, LA **1998 to 2006**

Associate Professor
Assistant Professor
Faculty member in the Department of Geology and Geophysics (changed to Earth and Environmental Science). My responsibilities included:

- *Advising and mentoring both science and non-science undergraduate and graduate students*
- *Conducting research in my scientific subject area, including the development of undergraduate research experiences,*
- *Develop collaborations between the Colleges of Science and Education in the preparation of preservice and inservice teachers as well as improving teaching methods of college faculty throughout the university*

- *Develop and teach science courses that target preservice and inservice teachers, geoscience majors and non-majors*
- *Represent the University of New Orleans at the State of Louisiana panel on teacher preparation as well as national science educational programs*
- *Direct programs for local K-12 teachers in science, mathematics, and using technology in the classroom*
- *Served on 17 thesis and dissertation committees, 4 as the principal advisor.*

University of Delaware, Newark, DE **1992 to 1998**

Graduate College of Marine Studies Department of Geology-Joint Faculty Appointment
Assistant Professor
Faculty member in the College of Marine Science. My responsibilities included:

- *Advising and mentoring graduate students*
- *Teaching graduate-level and undergraduate courses*
- *Conducting research in my scientific subject area*
- *Serve on thesis and research committees*
- *Represent the College and the University at public and private functions.*

University of Colorado, Boulder, CO

1994 to 1995

Institute of Arctic & Alpine Research
National Research Council/Ford Foundation Postdoctoral Fellow
My duties included:

- *Leading research on the Labrador Continental Margin*
- *Mentoring Graduate Students*
- *Developing guidelines for research in paleomagnetism and environmental magnetism*

NON-ACADEMIC PROFESSIONAL EXPERIENCE

Center for Environment, Commerce and Energy, Washington, DC **2009 to 2011**

Science Specialist/Oceanographer
My duties included advising CECE with respect to environmental issues and policies linked to:

- *Wetlands restoration*
- *The Gulf of Mexico Oil Spill*
- *Global Climate Change*

I represented the organization at multiple functions including:

- *NOAA Data Management conference*
- *National Academy of Science conference*
- *Department of the Interior*

- ✓ *Fish and Wildlife Service*
- ✓ *National Park Service*
- ✓ *U.S. Geological Survey*

2020, LLC, Falls Church, VA **2007 to 2008**

Contractor with the National Oceanic and Atmospheric Administration
My duties included: Support the Office of Policy Planning and Evaluation for NOAA Office of Oceanic and Atmospheric Research. Specifically, I am working to establish and implement performance measures with OAR. These include both GPRA and non-GPRA measures, related to outcomes of NOAA research.

- *Prepare the FY 2008 Annual Operating Plan for NOAA OAR*
- *Prepare the quarterly PAR information for OAR*
- *Organize the PPE staff retreat*
- *Developed a framework for establishing performance measures within OAR*
- *Member on the Committee for Monitoring Research*
- *Member of the OAR PART Working Group*

National Academy of Sciences, Washington, DC **2006 to 2007**

Program Officer, Ocean Studies Board
As a Responsible Staff Officer for the Ocean Studies Board of the National Academies of Science, I managed and assisted on a portfolio of research studies supported by external funds. The projects on which I have worked included:

- *Options to Ensure the Climate Record from N-POESS and GOES-R Spacecraft: A Space studies Board Workshop, (2007)*
- *Review of the Draft JSOST Ocean Research Priorities Plan (ORPP)*
- *National Research Council/U.S. Representative to the International Scientific Committee on Oceanic Research (SCOR)*
- *Mitigating Shore Erosion Along Sheltered Coasts*
- *International Capacity Building for the Protection and Sustainable Use of Oceans and Coasts*
- *Development of OSB website that focuses on capacity building*
- *Initiation of the Division of Earth and Life Sciences Minority Scientist Database*

I was responsible for writing project proposals for the Ocean Studies Board for multiple federal agencies that included:

- *Ocean Acidification and Its Impact on Oceanic Health*
- *Coastal Impacts: Replacing the Saffir-Simpson Scale*
- *A Review of the Advance Plan for NASA's Ocean Biology and Biogeochemistry Program*
- *Programs in which I oversaw or participated include:*
- *Mitigating Shore Erosion Along Sheltered Coasts*
- *Review of the Draft JSOST Ocean Research Priorities Plan (ORPP)*
- *International Capacity Building for the Protection and Sustainable Use of Oceans and Coasts*
- *Development of the Division of Earth and Life Sciences Minority Scientist Database*

- *National Research Council/U.S. Representative to the International Scientific Committee on Oceanic Research*

National Science Foundation, Arlington, VA **2004 to 2005**

IPA-Program Manager
As an IPA employee, I had the responsibilities of:

- *Managing a portfolio of projects funded through my division,*
- *Developing solicitations for grant programs,*
- *Review proposals and make recommendations for funding,*
- *Manage and access active grant projects,*
- *Assist project PI's and potential PI's with issues related to grant writing. I was most proud to support three individuals and organizations that had no prior NSF funding during my time as a program manager.*

As a scientist in an education directorate, I became a bridge between the science and education communities and took on the additional tasks of:

- *Developing and managing a collaborative funding effort between EHR and GEO Directorates to support a research cruise to the 2004 Indian Ocean Tsunami earthquake site. This cruise was filmed by the Discovery Channel and BBC, and broadcast as the documentary entitled "American Tsunami".*
- *Creating an informal science-education discussion group that included invited representatives from NSF, NOAA, NASA, and USGS.*

EDUCATION

***Postdoctoral Research Fellow*:** University of Colorado, Institute of Arctic and Alpine Research, National Research Council/Ford Foundation Postdoctoral Fellow (1994-1995): Leading research on the Canadian Continental Margin

***Ph.D.*:** Geological Oceanography University of Rhode Island (1991)
Dissertation: The Rock-Magnetic Signature of High-Latitude Northern Hemispheric Deep-Sea Sediments and Their Relationships to Quaternary Glacial Cycling

***M.S.*:** Geology, Lehigh University (1983)
Thesis: A Study of the Effects of Consolidation (Compaction) on the Remanent Magnetism of Argillaceous Sediments

***B.A.*:** Earth Science/Geology: Collateral major in Oceanography, Kean University of New Jersey (1978)
Senior Thesis: Trace-Metal Geochemistry of Sediments from Pile's Creek Tidal Marsh (New Jersey)

PROFESSIONAL SOCIETY MEMBERSHIP

American Association for the Advancement of Science
Society of Senior Ford Fellows
Geological Society of America
Black in Marine Science
Ecological Society of America

OTHER PROFESSIONAL EXPERIENCE

- *Island Innovations (2021-Present)*
  - ✓ *Vision 2021: Virtual Island Summit*
  - ✓ *The Sargassum Challenge: Opportunities for collaboration between West Africa and the Wider Caribbean Region (2021)*
- *Member, State of Massachusetts STEM Advisory Committee: Working Group on Defining STEM in the Commonwealth*
- *Pool of Experts, United Nations Oceans Assessment Program*
- *Member, Texas A&M University System P-16 Task Force*
- *Co-Chair, STEM Strand, Texas A&M University System P-16 Task Force*
- *Organizing Member, Institute for Inclusion, Washington, DC (2006-2010): http://www.instituteforinclusion.org/*
- *Meetings Committee Member, National Society of Black Physicists*
- *I organized and chaired the first sessions on Geophysics at the annual NSBP/NSHP joint meeting. This effort resulted in the formal creation of an Earth Systems Science section in NSBP*
- *Distinguished Lecturer, National Association of Geoscience Teachers (2005-2009)*
- *Member, Committee on Education and Human Resources, American Geophysical Union (1999-2004)*
- *Chair, Subcommittee on Diversity, American Geophysical Union (2001-2004)*
- *Member, Human Resources Committee, American Geological Institute (1999-2004)*
- *Member, Committee on Women and Minorities, Geological Society of America (1998-2001)*
- *Article Reviewer: Various Journals and Societies (1992)*
- *National Science Foundation Review Panelist (1997-2005)*
- *Proposal Reviewer, National Science Foundation (1991)*
- *Judge, New Castle County Science Fair (1997)*
- *Host, 10th NE-Paleomagnetists Workshop (1996)*

INVITED SPECIAL LECTURES and SEMINARS

- *Ways of Understanding and Protecting Land and Water Resources in the Grand Staircase-Escalante Region (2022)*
- *National Science Foundation (2011)*
- *National Oceanic and Atmospheric Administration (2008)*
- *University of Akron (2007)*
- *George Mason University (2005)*
- *University of Northern Colorado: Earth Science Week, NAGT Distinguished Lecturer (2005)*
- *Invited Speaker: Louisiana Department of Education, "Educational Summit I and II" (1998, 1999)*

- *Keynote Speaker: Greater New Orleans Collaborative (1998)*
- *University of Rhode Island/Oceanography (1997)*
- *Uppsala University, Sweden (1996)*
- *Memorial University of Newfoundland, Canada (1996)*
- *CHEM 367: Environmental Chemistry (with Dr. C. Trumbore, 1996)*
- *University of Delaware Geology Department (1996 and 1991)*
- *CMS Physical Oceanography Seminar Series (1996)*
- *University of New Orleans (1995)*
- *University of Colorado (1995 and 1994)*
- *University of South Carolina (1994)*
- *ChemVets: DuPont Corporation (1993)*
- *The Delaware Physics Teachers Association (with Dr. W. Hall: 1992)*
- *Hobart and William Smith Colleges (1992)*
- *University of Delaware Research Foundation Luncheon (1992)*
- *GEOL 106: Historical Geology (with Dr. S. McGeary, 1991)*

SCHOLARLY AND CREATIVE PRODUCTIVITY, PUBLICATIONS

(Refereed and Invited Publications)

BOOKS AND BOOK CHAPTERS

- *Ca Thanh Vu, Paulette Bynoe, Trang Minh Duong, Matt Eliot, **Frank Hall**, Roshanka Ranasinghe, Matthieu de Schipper, Joshua Tuhumwire, (2021), Chapter 13: Changes in Erosion and Sedimentation, in, "United Nations Global Reporting and Assessment of the State of the Marine Environment - First Assessment Report", United Nations*

- *Julián Reyna, Arsonina Bera, Hong-Yeon Cho, William Douglas, Regina Folorunsho, Kazimierz Furmanczyk, **F.R. Hall**, Peter Harris, Sung Yong Kim, Teruhisa Komatsu, Renzo Mosetti, Kareem Sabir, Wilford Schmidt, Hannes Tõnisson, Joshua T. Tuhumwire, (2016), Chapter 26-Land/Sea Interactions, p. 262-276*

- *Colin, D., **F.R. Hall**, Farrell, J., and Harris, P., (2016), Chapter 7-Ocean-sourced carbonate production, in, "United Nations Global Reporting and Assessment of the State of the Marine Environment - First Assessment Report", United Nations, p. 737-764*

- ***Contributor**, (2015), UN Global Sustainable Development Report, 198p*

- *The National Academy of Sciences, (2007), Increasing Capacity for Stewardship of Oceans and Coasts: A Priority for the 21st Century*

- *Buxton, C., **Hall, F.**, & Speaker, R. (2003). Striving for relevance: Elementary grade teachers exploring uses of technology to promote science learning. In C. Constantinou (Ed.), Computer Based Learning in Sciences: Proceedings of the Sixth International Conference On Computer Based Learning in Science, Nicosia, Cyprus, 50-62*

- *Buxton, C.A., and **F.R. Hall**, (2002), Situating gender and science education in the context of a Southern urban elementary school, SAGE III, p. 17-25*

- ***Hall, F.R.**, J.T. Andrews; M. Kerwin; and L.M. Smith, (2001). Studies of sediment colour, whole-core magnetic susceptibility, and sediment magnetism of the Hudson Strait - Labrador Shelf region: CSS Hudson cruises 90023 and 93034. Marine Geology of Hudson Strait and Ungava Bay, Eastern Arctic Canada: Late Quaternary sediments, depositional environments, and late glacial-deglacial history derived from marine and terrestrial studies. Edited by B. Maclean; Geological Survey of Canada, Bulletin 566:161-170*

- *MacLean, B., J.T. Andrews, J.T. Gray, **F.R. Hall.** I. Hardy, A.E. Jennings, W.F. Manley, W.T. Pfeffer, and G. Vilks, (2001). Hudson Strait Quaternary sediments and late glacial and deglaciation history: a discussion and summary. Marine geology of Hudson Strait and Ungava Bay, Eastern Arctic Canada: Late Quaternary sediments, depositional environments, and late glacial-deglacial history derived from marine and terrestrial studies. Edited by B. Maclean; Geological Survey of Canada, Bulletin 566:181-191*

PEER-REVIEWED ARTICLES

- *Arthur, M., Srivastava, S., Aksu, A., Baldauf, J., Bohrmann, G., Bush, W., Cederberg, T., Clement, B., Cremer, M., Dadey, K., Devernal, A., Firth, J., **Hall, F.,** Head, M., Hiscott, R., Jarrard, R., Kaminski, M., Lazarus, D., Monjanel, A.L., Nielsen, O., Stein, R., Thiebault, F., Zachos, J., and Zimmerman, H., (1986). Primary results of the drilling vessel JOIDES Resolution in Baffin Bay and Labrador Sea (ODP Leg 105). C. R. Acad. Sci. Ser. 2, 303(5): 385–390*

- ***Hall, F.R.** and C. Buxton, (2004), Advancing the REVOLUTION: Using Earth Systems Science to Prepare Elementary School Teachers, Journal of Geoscience Education, v.52, n.4, p. 338-344*

- ***Hall, F.R.,** J.T. Andrews, A. Jennings, G. Vilks, and K. Moran, (1999), Late Quaternary Sediments and Chronology of the NE Labrador Shelf (Karlsefni Trough, Saglek Bank): Links to Glacial History, Geological Society of America Bulletin, 1700-1713*

- *Andrews, J.T., L. Keigwin, **F.R. Hall**, and A.E. Jennings, (1999), Abrupt deglaciation events and Holocene paleoceanography from high resolution cores, Cartwright Saddle, Labrador Shelf, Canada. Journal of Quaternary Science, 14: 383-397*

- ***Hall, F.R.**, S. Cisowski, and J.W. King, (1997), Hysteresis of Fine-Grained Magnetic Iron-Sulfide Nodules and Crusts: ODP Leg 155 (Amazon Deep-Sea Fan), Proc. ODP, Sci. Results, Vol. 155*

- *Hiscott, R., **F.R. Hall**, and C. Pirmez, (1997), Turbidity overspill from Amazon Channel: texture of the silt/sand load, paleoflow from anisotropy of magnetic susceptibility, and implications for flow processes, Proc. ODP, Sci. Results, Vol. 155*

- *Cisowski, S., and **F.R. Hall**, (1997), An examination of the paleointensity record and geomagnetic excursions recorded in Leg 155 cores, Proc. ODP, Sci. Results, Vol. 155*

- *Piper, D.J.W., R. Flood, S. Cisowski, **F.R. Hall**, M. Maslin, N. Mikkelsen, and W. Showers, (1997), Synthesis of stratigraphic correlations of the Amazon Fan, Proc. ODP, Sci. Results, Vol. 155*

- *Andrews, J.T., B. MacLean, M. Kerwin W. Manley, A.E. Jennings and **F.R. Hall**, (1996), Final stages in the collapse of the Laurentide Ice Sheet, Hudson Strait, Canada: Based on 14C AMS dates and magnetic susceptibility logs, Quaternary Research, 983-1104*

- ***Hall, F.R.** and S.J. Reed, (1996), Rock (Mineral)-Magnetic properties of post-Glacial (16 to 0.5 ka) sediments from the Emerald Basin (Scotian Shelf), Canada, in, Andrews, J. T., W. E. N. Austin, H. Bergsten, and A.E. Jennings (eds.), Late Quaternary Paleoceanography of the North Atlantic Margins, Geological Society Special Publication No. 111, 103-115*

- ***Hall, F.R.**, (1996), A Revised Composite Correlation and Oxygen Isotope Stratigraphy of ODP Site 645 (Baffin Bay) from Whole-core Magnetic Susceptibility Logs, Arctic and Alpine Research, 28(4): 519-523*

- *Bloemendal, J., J.W. King, **F.R. Hall**, and S.J. Doh, (1992), Rock-magnetism of late Neogene and Pleistocene deep-sea sediments: relationship to sediment source, diagenetic processes, and sediment lithology, Journal of Geophysical Research, 97:4361-4375*

- ***Hall, F.R.**, W.H. Busch, and J.W. King, (1989), The relationship between variations in rock-magnetic properties and grain size of sediments from ODP Hole 645C, in, S.P. Srivastiva, M.A. Arthur, B. Clement, et al., Proc. ODP, Sci. Results, 105:837-842*

- ***Hall, F.R.**, and J.W. King, (1989), Rock-magnetic stratigraphy of Site 645 (Baffin Bay) from ODP Leg 105, in, S.P. Srivastiva, M.A. Arthur, B. Clement, et al., Proc. ODP, Sci. Results, 105:843-859*

- ***Hall, F.R.**, J. Bloemendal, J.W. King, M.A. Arthur, and A.E. Aksu, (1989), Middle to late Quaternary sediment fluxes in the Labrador Sea, ODP Leg 105, Site 646: A synthesis of rock-magnetic, oxygen-isotopic, carbonate, and planktonic foraminiferal data, in, S. P. Srivastiva, M.A. Arthur, B. Clement, et al., Proc. ODP, Sci. Results, 105:653-688*

- *Clement, B.M., **F.R. Hall**, and R. Garrad, (1989), The magnetostraigraphy of Ocean Drilling Program Leg 105 sediments, in, S.P. Srivastiva, M.A. Arthur, B. Clement, et al., Proc. ODP, Sci. Results, 105:583-598*

- *Baldauf, J., et.al., (1989), Magnetostratigraphic and biostratigraphic synthesis of Ocean Drilling Program Leg 105: Labrador Sea and Baffin Bay, in, S.P. Srivastiva, M.A. Arthur, B. Clement, et al., Proc. ODP, Sci. Results, 105:935-956*

- *Wehmiller, J.F., and **Hall, F.R.**, (1997), Data report: amino acid racemization geochronological studies of selected Leg 155 samples. In Flood, R.D., Piper, D.J.W., Klaus, A., and Peterson, L.C. (Eds.), Proc. ODP, Sci. Results, 155: College Station, TX (Ocean Drilling Program), 375–378*

- *Flood, R.D., D.V. Kent, A.N. Shor, and **F.R. Hall**, (1985), The magnetic fabric of surficial deep-sea sediments in the HEBBLE area, Nova Scotian continental rise, Marine Geology, 66:149-168*

- *Luther, G.W., A.L. Meyerson, K. Rogers, and **F.R. Hall**, (1982), Tidal and seasonal variations of Sulfate ion in a New Jersey Marsh System, Estuaries, 5:189-196*

BOOK REVIEWS

- *Ocean and Coastal Management (1997), Geology of the United States Seafloor: The View from GLORIA, (1996), Gardner, J.V., Field, M.E., Twichell, D.C. editors, Cambridge University Press, 371p.*

PARTCIPATION AT PROFESSIONAL MEETINGS

MEETING ABSTRACTS

- *Totten, I.M., **F.R. Hall** and C. Buxton, (2005), Constructing Artificial Rock Outcrops as Tools for Fostering Earth and Environmental Science Thinking, EOS Trans. AGU*

- ***Hall, F.R.**, R.M. Johnson, and C. Alexander, (2004), Earth and Space Sciences: The Need for Diversity in Global Science, EOS Trans. AGU*

- ***Hall, F.R.**, C. Buxton, and W. Thompson, (2003), Using Earth Systems Science to Improve the Science and Mathematics Content and Pedagogical skills of preservice Elementary School Teachers, Annual Meeting, Geological Society of America, Abstracts with Programs*

- ***Hall, F.R.**, (2003), Center to Improve diversity in Earth systems Science: A Cooperative Program Uniting the Geoscience Community, Annual Meeting, Geological Society of America, Abstracts with Programs*

- ***Hall, F.R.**, W. Thompson, and C. Buxton, (2002), Using Oceanographic Themes to Improve the Science and Mathematics Content and Pedagogy Skills of Pre-Service Elementary School Teachers, EOS Trans. AGU*

- ***Hall, F.R.** and C. Buxton, (2002), Using Earth Systems Science Themes to Improve the Science and Mathematics Content and Pedagogy Skills of Pre-Service Elementary School Teachers, EOS Trans. AGU*

- ***Hall, F.R.** and R.M. Johnson, (2001), Diversity and the Role of the American Geophysical Union, EOS Trans. AGU*

- *Walker, A., L. LaFleur, **F. R. Hall**, and L. Serpa, (2001), Making an Impact: The Importance of Urban Schools in Improving Diversity in Geoscience, EOS Trans. AGU*

- ***Hall, F.R.**, L. Serpa, T. Pavlis, W. Busch, W. Simmons, (2001), The UNO Geology & Geophysics Minority Recruitment Program: A 30 Year Success Story, EOS Trans. AGU*

- ***Hall, F.R.** and C. Buxton, (2001), Combining Method With Content and Content with Method: Collaboration Between Science and Education in Preparing Teachers, EOS Trans. AGU*

- *Anderson, V., and **F.R. Hall**, (2000), Reciprocal Science Success, American Association for Higher Education, "Faculty Roles & Rewards"*

- ***Hall, F.R.**, W Craig, L Serpa, W Busch, and N Felton, (1999), Creating an Earth Systems Science Curriculum for Teachers: Focusing on the Education Crisis in New Orleans, Louisiana, EOS Trans. AGU*

- ***Hall, F.R.**, L Serpa, T Pavlis, W Busch, W Simmons, W Craig, and A Walker, (1999), Minority Recruitment in the Geosciences: the University of New Orleans Success Story, EOS Trans. AGU*

- ***Hall, F.R.**, (1999), Education and the Ocean Drilling Program, Conference for Multi-Platform Exploration: Ocean Drilling Post 2003, Vancouver, BC, p. 169*

- ***Hall, F.R.**, J.T. Andrews, A. Jennings, and A. Miller, (1996), The rock-magnetic signal of the Labrador Shelf and the Scotian Shelf and Rise, Arctic Workshop, Boulder, CO*

- ***Hall, F.R.**, R.N. Hiscott, and C. Pirmez, (1996), Spillover from Amazon Channel, Amazon Deep-Sea Fan: Results from ODP Leg 155, EOS, Trans. AGU*

- ***Hall, F.R.**, and S.J. Reed, (1995), Rock-magnetic properties of post-glacial (16 to 0.5 ka) sediments from the Emerald Basin (Scotian Shelf), Canada, Royal Society of Edinburgh (Scotland), "Paleoceanography of North Atlantic Margins"*

- ***Hall F.R.**, S.J. Reed, J.T. Andrews, A. Jennings, B. MacLean, G. Vilks, and A. Miller, (1995), The rock-magnetic signal of deglaciation: results from the Labrador and Scotian Shelves, International Union of Geodesy and Geomagnetism Meeting, Boulder, Colorado*

- *Miller, A., K. Moran, and **F.R. Hall**, (1995), Deglaciation of the central Scotian Shelf: foraminifera, physical properties, and acoustic records from the Emerald Basin, International Conference on Paleoceanography V, Halifax, Nova Scotia*

- ***Hall, F.R.**, (1993), A one-million year record of rock-magnetic variations in the Labrador Sea: Paleoenvironmental implications, International Association of Geomagnetism and Aeronomy, Buenos Aires, Argentina*

- *Reed, S.J. and **F.R. Hall**, (1993), Rock-magnetism and post-glacial sedimentation: preliminary results from the Emerald Basin (Nova Scotia Shelf), EOS Trans. AGU, 74*

- ***Hall, F.R.**, J.W. King, K. Moran, and P. Mudie, (1992), preliminary paleomagnetic results and rock-magnetic correlations from the central Arctic Ocean, EOS Trans. AGU, 73*

- ***Hall, F.R.**, J.W. King, S. D'Hondt, and A.E. Aksu, (1991), The relationships between rock-magnetic parameters, provenance, and glacial cycling of sediments from the Fogo Seamounts, EOS Trans. AGU, 72*

- ***Hall, F.R.**, and J.W. King, (1990), Rock-magnetism of high-latitude Quaternary sediments: evidence for polar ice formation?, EOS Trans. AGU, 71*

- ***Hall, F.R.**, J.W. King, and A. Helmstetter, (1990), Rock-magnetic correlations of the CESAR83 (Canadian Expedition to Study the Alpha Ridge) cores (central Arctic Ocean) with revised litho and magneto-stratigraphies, EOS Trans. AGU, 71*

- ***Hall, F.R.**, and J.W. King, (1989), Rock-magnetic analyses of Upper Quaternary sediments show changes in timing of terrigenous and pelagic deposition at ODP Site 646 (Labrador Sea), International Conference on Paleoceanography III, UK*

- *King, J.W., S.J. Doh, **F. R. Hall**, and J. Bloemendal, (1988), Paleomagnetic and rock-magnetic studies of giant piston cores: implications for paleoceanography and paleomagnetism, EOS Trans. AGU, 69*

- ***Hall, F.R.**, and J.W. King, (1987), Rock-magnetic analyses through the Baffin Bay excursion: ODP Hole 645C, EOS Trans. AGU, 68:296*

- *King, J.W., J. Bloemendal, S.J. Doh, and **F. R. Hall**, (1986), The use of paleomagnetic and rock-magnetic stratigraphy in studies of late Neogene climate (poster), International Conference on Paleoceanography II, Woods Hole Oceanographic Institute*

- *King, J.W., **F.R. Hall**, S.J. Doh, B. Lamb, and J. Bloemendal, (1985), Paleomagnetic and rock-magnetic stratigraphy of sediment cores from the Gulf of Mexico, EOS, Trans. AGU, 86*

- ***Hall, F.R.**, and K. Kodama, (1983), The effects of consolidation (compaction) on the remanent magnetism of argillaceous sediments, EOS Trans. AGU, 64:219*

OTHER SCHOLARLY ACTIVITIES

Service in role of discussant, critic, reviewer for professional meeting or publications:

- *Co-Chair, American Geophysical Union, (Fall 2004) Meeting (San Francisco), "Diversity and Equity in the Earth and Space Sciences: Global Perspectives on the Issues and Obstacles Posters"*
- *Science Fair Judge, Franklin High School, (April 2000)*
- *Science Fair Judge, John Curtis High School, (December 2000)*
- *Co-Chair, American Geophysical Union, (Spring 2001) Meeting (Boston), "Increasing Diversity in the Geosciences"*
- *Panelist, National Science Foundation Review Panel: Course, Curriculum, and Laboratory Improvement (February 1999)*

Service in role of officer of professional organization, program committee member, session organizer for professional meeting:

- *Chair, Session on Education, 7th International Conference on Axiomatic Design*
- *Chair, Subcommittee on Diversity, American Geophysical Union*
- *Committee on Education and Human Resources, American Geophysical Union*
- *Committee on Women and Minorities, Geological Society of America*

- *Committee of Human Resources, American Geological Institute*
- *National Science Foundation, Geoscience Diversity Committee*
- *New Orleans Geological Society, Education Committee*
- *NSF/ASLO Minority Student Mentoring Program (1996)*
- *Invited Panelist, National Science Foundation, "Diversity in the Geosciences" (May 1999)*

AWARDS, LECTURESHIPS, OR PRIZES

HONORS AND AWARDS

- *Ways of Understanding and Protecting Land and Water Resources in the Grand Staircase-Escalante Region*
- *Nominee, Chair for Section E, American Association for the Advancement of Science*
- *Golden Apple Award, SVSU Office of Disability Services*
- *Nominee, Emerald Award: Outstanding African American in STEM*
- *Certificate of Appreciation, Department of the Interior Chapter, Blacks in Government*
- *Gotshall Fellow, Lehigh University*
- *Ford Foundation Postdoctoral Fellow*
- *Fellow, Institute for Undergraduate Education, University of Delaware*
- *Fellow, Reciprocal Science Success Program, Towson University*
- *Inductee, Essex Catholic High School Hall of Fame*
- *Distinguished Lecturer, National Association of Geoscience Teachers*

GRANTS AND CONTRACTS

PI or Co-PI

- ***Hall, F.R.**, and S. Oliver*
  Bivalve Aquaculture as a Means to Ameliorate Atmospheric CO2
  Strategic Planning Funds Initiative (2014)
  Requested: $79,000

- *Matthew Johnsen, **F.R. Hall** and others*
  Development of Regional Social Innovation Ecosystem through Creation of a Social Innovation Lab at WSU
  Strategic Planning Funding Initiative (2014)
  Requested: $37,985

- ***Hall, F.R.**, M. LeValle Hendricks, and Todd Grier*
  Department of the Interior: National Park Service
  Obama Leadership Academy At The Parks
  Submitted: March 3, 2012
  Requested: $100,000

- ***Hall, F.R.**, Maria Hinojosa, and Ben Jang*
  National Science Foundation

LEOTEACH-Noyce
Submitted: March 26, 2012
Requested: $185,340

- ***Hall, F.R.***
  Internal: Texas A&M University-Commerce, Innovation Proposal
  STEM Education Resource Center (2012)
  Requested: $49,000

- ***Hall, F.R.,*** *B. Jang, M. Hinojosa, and M. Eraso*
  National Science Foundation
  Leaders Engaged to Advance (STEM) Disciplines (LEAD)
  Submitted: January 10, 2012
  Requested: $345,000

- *Suh, S.,* ***F.R. Hall****, and G. Nazier*
  National Science Foundation
  RET in Engineering and Computer Science Site - Program in Computational Science at Texas A&M-Commerce
  Submitted: October 3, 2011
  Requested: $448,000

- *Serpa, L., and* ***F.R. Hall*** *(2001-2006)*
  National Science Foundation
  Building on Our Success: A Proposal to Enhance and Improve Minority Student Recruitment and Retention in the Geosciences at the University of New Orleans
  Funded at $839,529

- *Buxton, C.,* ***F.R. Hall****, and I. Totten*
  National Science Foundation (2001)
  Using Artificial Outcrops to Augment Geoscience Education
  Funded at $25,000

- ***Hall, F.R****. and C. Buxton (2000-2002)*
  National Science Foundation/Geoscience Education
  Aligning preservice teachers' science content with the science methods courses
  Funded at $95,000

- ***Hall, F.R.***
  University of New Orleans/STPIG (2000-2001)
  Preservice Elementary Teachers Equipment
  Funded at $27,000

- ***Hall, F.R.,*** *N. Felton*
  National Science Foundation/Louisiana Systemic Initiatives Program (2000-2001)
  Project CLARAESE
  Funded at $141,000

- ***Hall, F.R.,*** *N. Felton, and D. Easley*
  National Science Foundation/Louisiana Systemic Initiatives Program (1999-2000)
  Project CLARAESE
  Funded at $143,000

- ***Hall, F.R****.*
  Louisiana Board of Regents (1999)
  Classroom Equipment for Science Teachers
  Funded at $47,500

- ***Hall, F.R.***
  National Science Foundation (1992-1995)
  Magnetic Studies of Latest Pleistocene to Holocene Fine-Grained Sediments: The Nova Scotian Shelf (OCE92-03833)
  Funded at $50,000

- ***Hall, F.R.***
  University of Delaware Research Foundation (1992-1993)
  Mineral-Magnetic Evidence of Deglaciation in the Maritime Region (LTR910177)
  Funded at $20,000

- ***Hall, F.R.***
  National Science Foundation (1993)
  Travel Support to IAGA/Argentine
  Funded at $1,000

- ***Hall, F.R.***
  Ocean Drilling Program/USSSP (1994)
  ODP Leg 155: Amazon Fan (155-20846A&B)
  Funded at $38,834

- ***Hall, F.R.***
  National Research Council/Ford Foundation Fellowship (1994-1995)
  Deglacial History of the Canadian Arctic Continental Shelf
  Funded at $30,000

- ***Hall, F.R.***
  National Research Council/Ford Foundation (1996)
  Continued Support
  Funded at $2,500

- ***Hall, F.R.***
  University of Delaware/ Institute for Transforming Undergraduate Education (1997)
  Development of Problem-Based Learning Curriculum for MAST 200
  Funded at $500

Not PI or Co-PI

- *John, S.*
  National Science Foundation/Postdoctoral Fellowship for Science, Mathematics, Engineering, and Technology Education (2000-2001) (I served as advisor)
  Postdoctoral Fellowship for Dr. Suku John
  Funded at $72,000

THESIS/DISSERTATION COMMITTEE SERVICE

Name	Graduation	Degree	Role
Walter Towne	*2013*	*Ph.D.*	*Committee Member*
Stacy Carpenter	*2013*	*Ph.D.*	*Committee Member*
David Prentice	*2003*	*MAST*	*Committee Member*
Julie Glaeser	*2002*	*MAST*	*Advisor*
Daniel Scheer	*2002*	*MAST*	*Advisor*
Iris Totten	*2003*	*Ph.D.*	*Committee Member*
Rebecca Murphy		*Ed.D.*	*Committee Member*
Kimiko Sunderland	*2000*	*M.Ed.*	*Committee Member*
Julie Glaeser	*2000*	*M.Ed.*	*Committee Member*
Barry Dobos		*Ph.D.*	*Committee Member*
Charles Royal	*2002*	*M.Ed.*	*Committee Member*
Stefanie Reed	*1994*	*M.S.*	*Advisor*
Gretchen Schultz	*1993*	*B.S*	*Research Supervisor*
Rebecca Perkins	*1994*	*B.S.*	*Committee Member*
Jorunn Hardardottir	*1995*	*Ph.D.*	*Committee Member*
Kathy Licht	*1995*	*M.S.*	*Committee Member*
Ann Miller	*1997*	*Ph.D.*	*Committee Member*
Suku John	*1997*	*Ph.D.*	*Committee Member*
Simon Shaw	*1997*	*M.S*	*Committee Member*
Jennifer Pusey		*M.Ed.*	*Committee Member*
Steven Runyan		*M.Ed.*	*Committee Member*
Magdelena Anguelova	*1997*	*M.S.*	*Committee Member*

TEACHING EXPERIENCE

Southern Utah University

- *HONS1010: Small Island Developing States (2021)*
- *GEO3010: Oceanography (2021)*
- *GEO1090: How the Earth Works (2022)*

Worcester State University

- *GS101: Physical Geography (2013-2015)*
- *GS140: Physical Geology (2013-2015)*
- *GS140L: Physical Geology Laboratory (2013-2015)*

University of New Orleans

- *GEOL 4096: Appalachian Field Trip for Teachers (Summer 2004)*
- *GEOL4096: Appalachian Field trip for Teachers (Summer 2003)*
- *GEOL4096: Environmental Science for Teachers (1999-2001)*
- *GEOL 1003: Physical Geology lab (2000-2005)*
- *SCI1012, SCI1013, and SCI1014: Physical Science for Elementary School Teachers I, II, and III (1998)*
- *Environmental Science for Teachers (UNO/LaSIP)*

University of Delaware

- *MAST 601: Introduction to Oceanography (1992, 1993, 1995, 1996)*
- *MAST 200: Concepts in Oceanography (1997)*
- *MAST 853: Seminar in Oceanography (1993)*
- *MAST 666: Independent Study: North Atlantic Sediments (1996)*
- *MAST 666: Independent Study: Deep-Sea Sedimentation (1993)*
- *MAST 666: Independent Study: Environmental Rock Magnetism (1992)*

OTHER PROFESSIONAL ACCOMPLISHMENTS

EDUCATIONAL ACTIVITIES

- *Instructional Programs:*

  - ✓ *New Orleans Public Schools Inservice High School Science Teacher Professional Development*
  - ✓ *LA/New Orleans Public Schools Math-Science Partnership Program (2003-2004)*
  - ✓ *UNO/LaSIP: Project CLARAESE (Inservice Grade 5-12 Teacher Professional Development: 1999-2001)*

PROFESSIONAL DEVELOPMENT ACTIVITIES

- *Great Lakes Bay Leadership Institute (2016)*
- *Academic Leadership Academy, Pennsylvania State University (2013)*
- *Tomorrow's Skills for Today's Managers, Consortium of Worcester Colleges (2013)*
- *Campus Technology Webinar: Community Colleges and STEM Education: A National Mandate (2012)*
- *Researchers Without Borders Webinar: School Partnerships: K-12 Schools and STEM Industry and Business (2012)*

- *Conference for the Advancement of Science Teaching, Dallas Texas (2011)*
  - ✓ *Administrators and Policy Makers Institute*
- *UTEACH Open House, Austin, TX (2011)*
- *UTEACH-Arlington Advisory Meeting (2011)*
- *USAID Series: "Fishing for a Secure Future"*
  - ✓ *Opportunities for Reforming Fisheries Governance*
  - ✓ *Managing Freshwater Inflows to Estuaries*
  - ✓ *Growing Demand and Local Communities: The Socioeconomics of Capture Fisheries*
  - ✓ *Globalized Trade and the Macroeconomics of Capture Fisheries*
  - ✓ *Creating the Enabling Environment for Effective Fisheries Enforcement*
  - ✓ *Confronting Fishing Overcapacity and Other Long-Overdue Reforms*
- *Keynote speaker, Ford Foundation Fellows Annual Conference, "Ocean acidification" (2006)*
- *Invited Panelist, Ford Foundation Fellows Annual Conference, "Publishing in Scientific Journals" (2006)*
- *Invited Panelist, Ford Foundation Fellows Annual Conference, "Funding Resources", "National Science Foundation" (2005)*
- *Scheduling and Cost Control, ESI International (2005)*
- *Project Management, ESI International (2004)*
- *PITTCON: Using Calculator-Based Laboratories in the Classroom (2000)*
- *Project WETMAAP Workshop: (2000)*
- *Infusing Mathematics into Earth Science Education, Colorado College (1999)*
- *Workshop Participant, Louisiana Science Teachers Association Annual Conference: "Aligning Authentic Assessment with the LA Science Framework" (1998)*
- *Faculty Advisor: Pre-Service Teachers in Action (1999-2001)*
- *Preparing for the PRAXIS exam, University of New Orleans, College of Education, (September 1999), UNO*
- *State of Louisiana, Board of Elementary and Secondary Education (BESE), "Examining Alternative Forms of Certification", (November 1999), Baton Rouge (with Dr. Doris Williams-Smith, UNO)*
- *State of Louisiana, Board of Elementary and Secondary Education (BESE), "Preliminary Results of the Blue Ribbon Commission on Teacher Certification", (February 2000), (with various UNO representatives including Chancellor O'Brien)*
- *Co-Host: Colonel Alphonse Davis, CEO, Orleans Parish School Board (PSTA)*
- *Co-Host: Ms. Donna Contois, BESE (PSTA)*
- *Search Committee: College of Education, Curriculum and Instruction, Science Educator*
- *Judge, Regional Science Olympiad/UNO (1999)*
- *Judge, State Science Olympiad/Loyola University (1999)*
- *Mentor: National Science Foundation/American Society of Limnology and Oceanography Conference (1996-2004)*
- *Panelist, Ford Foundation Fellows Conference, "The Politics of Tenure" (October 1998)*
- *Primary Presenter: "Educational Initiatives in Ocean Drilling", COMPLEX Meeting (May 1999; Vancouver, BC)*
- *Participant in the following programs:*
  - ✓ *NSF/ASLO Minority Student Mentoring Program (1996-1997)*
  - ✓ *Student Sponsor (Ms. A. Johnson-Pyrtle) to Arctic Workshop (Ottawa, Quebec 1997)*
  - ✓ *Future of Minorities in Higher Education Conference, Delaware State University (1997)*
  - ✓ *NOAA/NMFS Conferences to Expand Minority Opportunities in Ocean Sciences (1995-1997)*

- ✓ *UD Primary/Secondary Science Teacher Development in Ocean Sciences (with N. Brickhouse and K. Scantlebury: 1993-1997)*
- ✓ *UD Science Education Forums (1991-1997)*
- ✓ *University Minority Students of Excellence (1991)*
- ✓ *Minority Graduate Student Recruitment Program (1991)*
- ✓ *University Minority Preview Day (1992)*
- ✓ *JASON/UD feasibility study (1993)*
- ✓ *Teaching and Professional Development Activities*
- ✓ *Consultation with Dr. Iris Metts, Secretary of Education for the State of Delaware (1997)*
- ✓ *Geographical Information Systems and Applications in Arctic Research: 27th Arctic Workshop, University of Ottawa, Ottawa, Quebec (1997)*