

Graduate School
The University of Alabama
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Citizenship: USA & UK

EDUCATION

Ph.D. Geology and Geophysics, University of Hawai'i at Mānoa, 1998.

Dissertation: The rifting of continental and oceanic lithosphere: Observations from the Woodlark Basin. Advisor: Brian Taylor.

M.S. Geophysics, University of Alaska Fairbanks, 1993.

Thesis: A Gravity and Magnetic survey in the vicinity of Novarupta, Katmai National Park, Alaska. Advisor: David Stone.

B.Sc. (hons.) Applied Geology with Physics (first class), University of Plymouth (UK), 1989.

Thesis: Interpretation of a high-resolution seismic survey in the Tamar estuary, Plymouth. Advisors: John Reynolds, Don Tarling.

POSITIONS HELD

Assistant Dean for Admissions and Recruitment: Graduate School, The University of Alabama. Nov. 2012 – present.

Associate Professor: Department of Geological Sciences, The University of Alabama. Aug. 2009 – present.

Graduate Program Director: Department of Geological Sciences, The University of Alabama. Aug. 2005 – Nov. 2012.

Assistant Professor: Department of Geological Sciences, The University of Alabama. Jan. 2004 – Aug. 2009.

Assistant Researcher: Hawai'i Institute of Geophysics and Planetology, University of Hawai'i at Mānoa. May 2000 – Dec. 2003.

Postdoctoral Researcher: Department of Geology and Geophysics, University of Hawai'i at Mānoa. Mar. 1998 – Apr. 2000.

Research Assistant: University of Hawai'i at Mānoa. Jan. 1993 - Dec. 1994; June 1995 - Dec. 1997.

Teaching Assistant: University of Hawai'i at Mānoa. Jan. 1995 - May. 1995.

Research Assistant: University of Alaska Fairbanks. Sept. 1989 - Dec. 1992.

Geophysicist: Mobil Research and Development Corp., Dallas, TX. May 1992 - Aug. 1992.

Geophysicist: Mobil Exploration and Producing US. Inc., Bakersfield, CA. May 1991 - Aug. 1991.

Technician: Southern Testing Laboratories, East Grinstead, UK. 1987-1989.

ADMINISTRATIVE EXPERIENCE

- Leadership of an admissions, recruitment, and programs staff comprising 9 full time employees.
- Responsible for a budget of \$5.55M.
 - Supervise the Graduate School fellowship program with a \$2.2M stipend and \$2.7M tuition budget.
 - Administer a recruitment and programs budget of \$229,540.
 - Administer a staff salary budget of \$420,000.
- Chair, university-wide Graduate Strategic Enrollment Planning Committee.
 - Charge: identify areas for enrollment growth at The University of Alabama.
 - Work with an external consultant from Ruffalo Noel Levitz.
 - Determine budget reallocation and return on investment (ROI) for each strategy.
 - Present strategies to stakeholders, including the Graduate Council, Provost, and President.

- Supervision of the graduate recruitment process.
 - Work with the recruitment team to create a Graduate School recruitment plan based on data analysis of previous activities.
 - Visit universities (domestic and international) to discuss student exchanges, research collaboration, and potential for joint programs.
 - Work with third party vendors (e.g., Direct Development, Carnegie) to develop recruitment strategies, including digital marketing (e.g., location-based, IP targeting, and retargeting).
 - Work with commercial agents to enhance international recruitment and marketing (with an emphasis on China, India, and the Middle East).
 - Collaborate with Education Attachés at consulates and embassies in New York, Houston, and Washington, DC, with the goal of enhancing international student recruitment, particularly with respect to funded students.
 - Select and implement Constituent Relationship Management (CRM) software to ensure that suspects/prospects/applicants/enrollees marketing is effective.
 - Represent The University of Alabama at domestic and international recruitment fairs.
 - Develop and implement the annual “Preview day” graduate recruitment event at The University of Alabama.
 - Design and implement faculty/staff workshops on the recruitment process.
- Supervision of graduate student professional development, support, and mentoring programs.
 - Supervise the “Tide Together” graduate student minority mentoring and professional development program.
 - Supervise the Graduate Parent Support program for graduate students with children (including “Sitters for Service” free babysitting program).
 - Develop graduate student orientation programs.
 - Develop and implement The University of Alabama Three Minute Thesis (3MT) research communication competition.
 - Develop and implement the Women in STEM Experience (WiSE) annual symposium.
 - Coordinate the “Last Lecture” program.
 - Collaborate with The University of Alabama Speaking Studio, Writing Center, Libraries, and other programs to develop professional development programs for University of Alabama graduate students (e.g., career development, non-academic careers, job talks, 3MT talks, elevator pitches, writing workshops, speaking workshops, time management, and wellness).
- Collaboration with university deans, faculty, and staff with the goal of enhancing student recruitment.
 - Develop and implement training curriculum for graduate program directors on the recruitment and admissions process.
 - Develop best practices for departments on the recruitment process (making extensive use of Council of Graduate Schools publications).
 - Disseminate to departments and deans information on the factors impacting university rankings (e.g., US News and World Report, Shanghai, and QS).
 - Develop best practices for departmental web page graduate recruitment resources.
 - Develop best practices for departmental communications with suspects/prospects/applicants/enrollees via email.
- Collaboration with the Division of Strategic Communication.
 - Develop highly effective recruitment materials.
 - Develop and optimize web pages for student recruitment.
 - Develop highly effective communications (printed and email) with suspects, prospects, applicants, and enrollees.
- Collaboration with the Office of Enrollment Management.
 - Develop recruitment campaigns through the Graduate School CRM (Talisma).
 - Ensure that suspect/prospect/applicant/enrollee enquiries are responded to in a timely fashion.

- Coordinator for The University of Alabama Interdisciplinary Ph.D. program.
 - Meet with prospective students and work with them to determine program suitability.
 - Help prospects, based on interests, to identify potential dissertation committee members.
 - Work with existing students to ensure timely completion of milestones.
- Implementation of programs with an emphasis on diversity and inclusion.
 - Prepare the annual Graduate School diversity report.
 - Supervise the McNair Graduate Fellowship program (for students from underrepresented groups, first generation and low income students).
 - Supervise the McNair Scholarship program (for students who have participated in a Ronald E. McNair Post-Baccalaureate Achievement Program).
 - Collaborate with the Southern Regional Education Board (SREB) to ensure that students are nominated for, and awarded, fellowships in the SREB Doctoral Scholars Program (including the Doctoral and Dissertation award).
 - Supervise the Tide Together Mentoring program. This program provides mentoring and professional development support to students who are 1) underrepresented in graduate studies, or 2) first generation and low income.
 - Plan and implement the annual McNair Visitation Day program (Ronald E. McNair Post-Baccalaureate Achievement Program students invited to campus).
- Supervision of the graduate admissions process.
 - Work towards overarching goal of an admission decision being in the hands of an applicant within 10 days of the submission of all materials.
 - Create, review, and implement admissions policies. This includes, but is not limited to, program and Graduate School admission test score waivers, new Accelerated Master's Program proposals, and changes to general Graduate School admission policies.
 - Outreach to departments to promote a holistic approach to application review.
 - Develop and deploy in-house software to manage and review applications.
 - Collaborate with the Office of Information Technology to constantly improve the graduate application process.
 - Modify the application process to ensure that departments have access to all application documents as soon as they are submitted by applicants.
 - Design and implement faculty/staff workshops on the admission process.
- General Policy Development.
 - Rebrand and market the Accelerated Master's Program (AMP; current undergraduates starting their graduate program in their senior year).
 - Create new credit transfer policy for Ph.D. students that permits credit transfer for mature students with a degree greater than 6 years old and professional experience.
 - Develop a new admission test score waiver policy that down plays the importance of the admissions test score for applicants with graduate degrees and/or professional experience.
 - Develop a new policy that permits The University of Alabama to charge only in-state tuition to agencies administering international scholarship programs (e.g., IIE, World Learning).
 - Develop a policy that permits undergraduate scholarship students to utilize unused scholarship money for Graduate School. The policy includes a clause that creates additional department tuition scholarships through creative use of assistantship budgets.
- Department of Geological Sciences Graduate Program Director.
 - Ensure that the recruitment strategy is in line with the Graduate School and made full use of Graduate School resources, including financial support.
 - Ensure a timely review of graduate applications.
 - Doubled graduate enrollment from 2005 to 2012.
 - Responsible for completion of graduate program assessment to meet SACS requirements.
 - Assign teaching assistant duties.

- Nominate Geological Sciences graduate students for fellowships and awards.
- Design and implement new graduate student and Graduate Teaching Assistant orientation and training.
- Chair of The University of Alabama College of Arts and Sciences Diversity Committee.
 - Promote the importance of diversity and inclusion in the College of Arts and Sciences.
 - Select programs that would be supported by the committee budget (i.e. visiting speaker; \$20,000)
 - Travel to Alabama Black Belt high schools to promote The University of Alabama.
 - Responsible for the annual College of Arts and Sciences recruitment day event for area high schools (with an emphasis on schools with a large underrepresented student population).
- Represent The University of Alabama at talks with the Egyptian government (Cairo, Egypt; 2004) aimed at developing a large collaborative geoscience project between the National Science Foundation, The University of Alabama, Columbia University, and the governments of Egypt and Saudi Arabia.
- Design, construct, and implement the Department of Geological Sciences 3-D visualization lab.

NATIONAL LEADERSHIP

- Leader, Workshop for Early Career Geoscience Faculty (2012 – 2017).
 - Usually held at the University of Maryland or the College of William and Mary.
 - This national workshop is aimed at providing professional development for faculty members in the first three years of a tenure track position.
 - Topics covered include effective teaching strategies, course design, establishing a research program in a new setting, working with research students, balancing professional and personal responsibilities, and time management.
 - The workshop includes a visit to the National Science Foundation to meet with program directors.
 - Responsible for sessions on student mentoring, grant writing (including the review process), active and collaborative teaching techniques, teaching large classes, graduate student recruitment, safety in the field, and developing a strategic plan for your career.
- Member of the National Science Foundation GeoPRISMS Education Advisory Committee (2009 – 2014).
 - The GeoPRISMS program (*Geodynamic Processes at Rifting and Subducting Margins*) is a community effort that studies the origin and evolution of continental margins.
 - Developed programs for graduate students and postdoctoral fellows to engage them in the scientific decision making process.
 - Development of programming specifically for graduate students and postdoctoral fellows that increased engagement at national meeting. This includes:
 - GeoPRISMS/EarthScope Planning Workshop for the Cascadia Primary Site, April 5-6, 2012, Portland, OR. Developed day long program and field trip to introduce students and postdoctoral fellows to the geology of the Cascadia subduction zone.
 - Student Outreach Organizer for the “GeoPRISMS Implementation Workshop: Subduction Cycles and Deformation,” 05 – 07 Jan. 2011, Austin, TX. Mentored students and postdoctoral fellows on engagement at this workshop.
 - Co-convener of “MARGINS Successor Program Planning Meeting, 15 – 17 Feb. 2010, San Antonio, TX. Co-wrote and developed education and outreach portion of science plan.
 - Co-convener of “MARGINS Successor Program Education Planning Meeting,” 28 – 30 Oct. 2009, Northfield, MN. Initial development of education and outreach programs for the GeoPRISMS program.

- Development of MARGINS “mini lessons.” The MARGINS program was the predecessor of the GeoPRISMS program. The goal of this project was to transform the scientific discoveries from the MARGINS program into easily digestible exercises, classes, and significant curriculum portions for geoscience undergraduates.
 - Co-led a team of scientific experts and pedagogical experts to produce mini-lessons. Face-to-face meetings included:
 - Co-convenor of “Bringing NSF MARGINS research in the undergraduate curriculum,” 17 – 19 Sept. 2014, Northfield, MN.
 - Co-convenor of “Bringing NSF MARGINS research in the undergraduate curriculum,” 18 – 20 Sept. 2013, Northfield, MN.
 - Co-convenor of “MARGINS Mini-Lesson Meeting: Using MARGINS Data in the Undergraduate Classroom,” 28 – 29 May 2009, Palisades, NY.
 - MARGINS education mini-workshop, “Bringing MARGINS Science to the Classroom,” 05 – 06 Apr. 2007, Arlington, VA.
- Interdisciplinary Earth Data Alliance (IEDA) User Committee Member (2015 – present).
 - Advise IEDA on data needs in the Earth Sciences
 - Serve in an advisory role to the National Science Foundation on needs for data management and archiving.
- Scientific conferences/conference sessions led:
 - InTeGrate/NAGT Earth Educators Rendezvous, 13 – 17 Jul. 2015, Boulder, CO (Contributed Papers Committee).
 - Chair of “The Ocean-Continent Transition at Rifted Continental Margins: What Is It, How Is It Formed, and How Do We Locate It?” session at spring 2005 AGU.
 - Lead convener and chair for “The Initiation and Early Evolution of Young Ocean Basins” session at fall 2001 AGU.
 - Chair for “Rift to Drift: Evolution of Continental Margins” session at fall 2000 AGU.
- Associate Editor positions.
 - Founding Associate editor of the Gulf Coast Association of Geological Societies journal “GCAGS Journal” (2012, 2013).
 - Associate editor of the Geological Society of America journal “Geosphere” (2009 – present).
- Executive Committee Member (Councilor at Large), National Assoc. Geosci. Teachers (NAGT; 2012 – 2015).
 - Served as the liaison to the southeast section of the NAGT.
 - Served as the liaison to the Council for Undergraduate Research.
 - Developed strategies to make educational workshops sustainable in the face of decreasing National Science Foundation support.

REGIONAL LEADERSHIP

- President, Alabama Geological Society (2009 – 2012).
 - Supervised scholarship and travel support programs.
 - Outreach to academic and professional geoscientists.
 - Organized annual field trip.
 - Organized semi-annual workshops.
 - Organized annual meeting.
- Board member, Gulf Coast Association of Geological Societies (2009 – 2012).
 - Represented the interests of the Alabama Geological Society at the regional and national levels.

TEACHING EXPERIENCE

- Undergraduate level:
 - Introduction to Physical Geology.
 - Sustainable Earth.
 - Introduction to Geophysics.
- Graduate level:
 - Scientific Computing.
 - Multi-Channel Seismic Processing and Interpretation.
 - Methods in Carbon Sequestration.
 - Hydrocarbon Exploration Methods.
 - Tectonics Seminar.
 - Introductory Geology for Graduate Students.
 - Marine Geophysics.
 - Imperial Barrel Award.
- Academic committee chair for six past UA graduate students (M.S.), one past Ph.D. student, and six current M.S. students. Current member of the committee of twenty others.
- Undergraduate research project supervisor for seven UA undergraduate students and two IRIS REU students.

RESEARCH EXPERIENCE

- Chief scientist: Vibroseis seismic reflection, multi-offset VSP, microseismicity, and wildcat well, Walker County, Alabama. Summer/fall 2011.
- Chief scientist: Various CHIRP/boomer/sidescan surveys in Mobile Bay and offshore Alabama, 2008 – 2013, R/V *E.O. Wilson*.
- Co-chief scientist: Marine geophysical survey of the eastern Woodlark Basin, Solomon Islands. 21 Oct. – 9 Nov. 2004, R/V *Kilo Moana*.
- Co-chief scientist: Multi-scale seismic imaging of the Mariana subduction factory. 1 – 26 April 2002, R/V *Maurice Ewing*.
- Co-chief scientist: Multi-scale seismic imaging of the Mariana subduction factory. 24 Feb. – 26 Mar. 2002, R/V *Maurice Ewing*.
- Co-chief scientist: A seismic investigation of contrasting rifting styles in the Exmouth and Cuvier margins, N.W. Australia. 27 Oct. – 02 Dec. 2001, R/V *Maurice Ewing*.
- Scientist: Escape from Djibouti. A study of the rifting history in the Gulf of Aden was intended, but was cancelled due to the events of 9/11. Instead transited from Djibouti to the Seychelles 13 – 20 Sept. 2001. R/V *Maurice Ewing*.
- Co-chief scientist: Deep seismic imaging of active continental extension in the Gulf of Corinth, Greece. 23 Jul. – 01 Aug. 2001, R/V *Maurice Ewing*.
- Co-chief scientist: A geothermal investigation of continental rifting in the Woodlark Basin, Papua New Guinea. Sept. – Oct. 1999 R/V *Maurice Ewing*.
- Scientist: OBS Deployment, Woodlark Basin, Papua New Guinea. Aug. – Sept. 1999, R/V *Maurice Ewing*.
- Chief scientist: Multi-channel seismic survey, Woodlark Basin, Papua New Guinea. Sept. 1999, R/V *Maurice Ewing*.
- ODP Leg 180: Active continental extension in the western Woodlark Basin, Papua New Guinea. Jun. – Aug. 1998, D/S *JOIDES Resolution*.
- Scientist: Marine geophysical survey of the Lau Basin, Tonga, Fiji. Mar. – Apr. 1996, R/V *Moana Wave*.
- SOPAC advisor: Seafloor mineral survey, Lau Basin, Tonga. Sept. – Oct. 1995, R/V *Hakurei Maru* #2.

- Scientist: ODP site survey, Woodlark Basin, Papua New Guinea. Oct. – Nov. 1995, R/V *Maurice Ewing*.
- SOPAC advisor: Seafloor mineral survey, Woodlark Basin, Solomon Islands. Oct. – Nov. 1993, R/V *Hakurei Maru #2*.
- Scientist: Marine geophysical survey of the Woodlark Basin, Papua New Guinea. Mar. – Apr. 1993, R/V *Moana Wave*.
- Scientist: Sparker and boomer survey of buried rock channels in the Hamoaze, Plymouth, UK. Sept. 1988, R/V *Catfish*.
- Maintenance and installation of seismic networks, Hawai‘i and Alaska.
- Crew Chief: Potential field survey, Katmai National Park, Alaska; summer 1990.
- Crew Chief: GPS survey on Augustine Island, Alaska; summer 1990.
- Geophysicist: Searching for the Levanevsky Aircraft, Beaufort Sea, Alaska; winter 1990 (see “Chasing Ghosts: a cooperative American-Soviet search to recover lost aviation history,” by Walter Kurilchyk, for more information).

SPECIAL INTERESTS AND SKILLS

- Strategies for enhancing the recruitment of high quality graduate students.
- Sustainable Graduate School growth.
- Professional development for graduate students (with emphasis on non-academic career paths).
- Faculty professional development.
- The development of undergraduate teaching modules based on cutting-edge research.
- The use of active and collaborative learning techniques in large classroom settings.
- The use of computational and visualization techniques to demonstrate and solve problems in the classroom with particular emphasis on the development of 3-D analytical skills.
- Marine and land multi-channel seismic data acquisition, processing, and interpretation.
- Acquisition, processing, and interpretation of large geophysical data sets for tectonic studies (particularly continental rifting and the initiation of seafloor spreading), carbon sequestration assessment studies, and hydrocarbon exploration.
- Data manipulation and imaging using GMT, UNIX, FORTRAN, Matlab, ArcGIS, and C-shell utilities.
- Acquisition, processing, and interpretation of swath bathymetry and acoustic imagery.
- Acquisition, processing, and interpretation of gravity and magnetic data from marine, aerial, terrestrial, and ice-sheet surveys.
- Acquisition, processing, and interpretation of heat-flow data.
- Certified in Arctic survival techniques.

PROPOSALS FUNDED

DEPARTMENT OF ENERGY

- Site Characterization for CO₂ storage from coal-fired power facilities in the Black Warrior Basin of Alabama, \$4,849,924 (Collaborative research with Peter Clark and Eric Carlson at The University of Alabama), 12/08/2009-12/07/2013.
- Site Characterization for CO₂ storage from coal-fired power facilities in the Black Warrior Basin of Alabama (supplement), \$5,000,000 (Collaborative research with Peter Clark and Eric Carlson at UA), 12/08/2009-12/07/2013.

NATIONAL SCIENCE FOUNDATION

- Collaborative Research: Bringing NSF MARGINS/GeoPRISMS continental margins research into the undergraduate curriculum, \$22,113. NSF DUE-TUES, 09/01/2012-08/31/2015. Collaborative

proposal with Rice University (Julia Morgan and Alison Henning), Carleton College (Ellen Iverson), Cal State Pomona (Jeff Marhall).

- Collaborative research: Continental breakup, ridge segmentation, and subduction of the Woodlark Basin. NSF-OCE-MGG, \$164,651, 02/01/2006-01/31/2010 (Collaborative research with Brian Taylor and Fernando Martinez at UH).
- Collaborative research: multi scale imaging of the Mariana subduction factory: NSF-MARGINS, \$506,264, 10/01/01-09/20/06. (PI: Brian Taylor. Co-PIs: Andrew Goodliffe, Greg Moore, Patricia Fryer).
- Deep seismic imaging of active continental extension in the Gulf of Corinth, \$165, 582, 07/01/01-12/31/02. (PI: Brian Taylor, Co-PI: Andrew Goodliffe).

INCORPORATED RESEARCH INSTITUTES FOR SEISMOLOGY

- Technology Assistance with Implementation and Operation of Transportable Array Element of USArray and Earthscope: IRIS (sub-award from NSF), \$34,636, 03/31/2010-9/30/2010.
- 2007 IRIS Summer Undergraduate Internship Program: IRIS (sub-award from NSF), \$6,094, 05/01/2007-10/31/2007.
- 2006 IRIS Summer Undergraduate Internship Program: IRIS (sub-award from NSF), \$6,094, 05/01/2006-10/31/2006.

OTHER

- Geological Survey of Alabama: Buried weathered oil in offshore Alabama state waters: Geophysical and geological assessment for detection and characterization, \$56,801.50 , 10/01/2011-03/31/2012.
- BP/MESC: Geophysical characterization of the water column and seafloor on the Alabama Continental Shelf, \$76,866, 01/01/2011-12/31/2011.

SOFTWARE GRANTS

- Landmark Graphics software grant renewal: software value \$1,464,165.30, 11/1/2016-10/31/2019.
- Landmark Graphics software grant renewal: software value \$4,653,360 11/1/2013-10/31/2016.
- Seismic Micro-Technology software grant: software value \$3,128,424.00, 06/21/2011-06/20/2014.
- Landmark Graphics software grant renewal: software value \$2,723,120, 01/15/2007-01/14/2010.
- Seismic Micro-Technology software grant: software value \$1,526,907.62, 05/05/2008-05/04/2011.

INTERNAL UNIVERSITY OF ALABAMA

- GEO-105 Sustainable Earth – using rubrics to assess student learning, \$500, 02/17/2009-02/07/2010 (course enhancement).
- GEO-105 Sustainable Earth – creating good global citizens through a student centered collaborative active learning environment, \$10,600, 05/07/2008-05/06/2009 (course enhancement).
- Enhancing the undergraduate experience in the geosciences: active learning through 3-D visualization, \$2000, 06/02/2008-06/01/2009 (creation of 3-D visualization exercises).
- Designing innovative teaching modules for marine geology, geophysics, and tectonics: enhancing a planned proposal submission to the National Science Foundation: University of Alabama Arts and Sciences teaching grant, \$1,500, 05/16/2005-05/15/2006.

PROPOSALS NOT FUNDED

Not all proposals submitted for funding are shown here. The proposal below is chosen due to its relevance.

NATIONAL SCIENCE FOUNDATION

- ADVANCE Alabama: A Partnership for Change, \$5,196,250. NSF ADVANCE, 09/01/2013-08/31/2018.

SYNERGISTIC ACTIVITIES

PROFESSIONAL MEMBERSHIPS

- American Geophysical Union.
- American Association of Petroleum Geologists.
- National Association of Geoscience Teachers.
- Alabama Geological Society.

PROFESSIONAL MEETINGS ATTENDED

In addition to the annual meetings of the American Geophysical Union, Geological Society of America, the American Association of Petroleum Geologists, and meetings listed above:

- Council of Southern Graduate Schools Annual Meeting
 - 02 – 05 Mar. 2017, Annapolis, MD.
 - 18 – 21 Feb. 2016, Charlotte, NC.
 - 05 – 08 Mar. 2015, New Orleans, LA.
- Alabama Council of Graduate Deans Annual Meeting.
 - 08 – 10 Apr. 2015, Orange Beach, AL.
 - 06 – 08 Apr. 2016, Orange Beach, AL.
- Council of Graduate Schools Summer Workshop and New Deans Institute, 13 – 17 Jul. 2013, San Juan, Puerto Rico.
- National Council for Undergraduate Research, 15 – 18 Apr. 2016, Spokane, WA.
- Annual Alabama EPSCoR meeting, 22 – 23 Jul. 2008, Montgomery, AL.
- Recruiting and retaining minority faculty, 23 Feb. 2007, Birmingham, AL.
- Carbon Sequestration and Storage meetings:
 - Dept. of Energy Carbon Storage R&D Project Review Meeting, 21 – 23 Aug. 2012, Pittsburg, PA.
 - Carbon Storage Program Infrastructure Annual Review Meeting, 15 – 17 Nov. 2011, Pittsburg, PA.
 - Carbon Storage Program Infrastructure Annual Review Meeting, 05 – 07 Oct. 2011, Pittsburg, PA.
- General geology and geophysics related meetings:
 - MARGINS RCL Workshop: Synthesis and new perspective. 30 Apr. – 02 May 2009, Charleston, SC.
 - Teaching Geophysics in the 21st Century, 11 – 17 Aug. 2007, Jackson Hole, WY.
 - The Future of Marine Heat Flow: Defining Scientific Goals and Experimental Needs for the 21st Century, 06 – 07 Sept. 2007, Salt Lake City, UT.
 - IODP-InterMARGINS Workshop Investigating Continental Breakup and Sedimentary Basin Formation, 15 – 18 Sept. 2006, Pontresina, Switzerland.
 - Incorporated Research Institutes for Seismology (IRIS) workshop, 26 – 30 May 2008, Socorro, NM.
 - Teaching Introductory Geoscience in the 21st Century, 13 – 17 July 2008, Northfield, MN.
 - 3-D Seismic Reflection Imaging Workshop, 08 – 10 Sept. 2005, Palisades, NY.
 - NAGT Early Career Geoscience Faculty workshop, 12 – 17 Jun. 2004, Williamsburg, VA.
 - MARGINS/NSF Meeting at NRIAG, 18 – 24 Mar. 2004, Cairo, Egypt.
 - Kingdom Suite workshop, 16 Feb. 2004, Englewood, MS.
 - EGS/AGU Joint meeting, 07 – 11 Apr. 2003, Nice, France.
 - MARGINS Mariana Subduction Factory workshop, 08 – 12 Sept. 2002, Honolulu, HI.
 - R/V *Maurice Ewing* re-fit workshop, 22 – 23 Oct. 2002, Englewood, NJ.
 - MARGINS Rupturing of Continental Lithosphere in the Red Sea/Gulf of Suez workshop, 17 – 23 Apr. 2001, Sharm-el-Sheikh, Sinai, Egypt.

- MARGINS Theoretical and Experiment Institute: Inside the Subduction Factory, 20 – 25 Aug. 2000, Eugene, OR.
- MARGINS Gulf of California/Salton Trough Workshop, 27 – 29 Oct. 2000, Puerto Vallarta, Mexico.
- ODP Leg 180 2nd post-cruise meeting, 23 – 29 Apr. 2000, Izmir, Turkey.
- MARGINS Theoretical Earth Institute: Rheology and Deformation of Lithosphere at Continental Margins, 23 – 26 Jan. 2000, Snowbird, UT.

SCHOLARSHIPS AND AWARDS RECEIVED

- University of Alabama College of Arts and Sciences Outstanding Commitment to Students, 2010.
- Society of Exploration Geophysicists Foundation (1994 – 1996).
- Honorable mention in the Outstanding Student Paper evaluation, AGU Fall 1996 meeting.

SERVICE (NOT MENTIONED IN SECTIONS ABOVE)

- National Science Foundation Panel Member
 - NSF IUSE: GEOPATHS program, Dec. 2015.
 - NSF OCE-MGG program, November 2006, May 2007, and Nov. 2007, May 2014.
 - Panel Member, NSF Antarctic program, Aug. 2012.
- University of Alabama
 - Member, The University of Alabama Tide Together Advisory Committee (2009 – 2012).
 - Member, The University of Alabama Environmental Sustainability Committee (2010 – 2012).
 - Member, The University of Alabama College of Arts and Sciences Graduate Committee (2011 – 2012).
- International Ocean Drilling Program
 - Member, International Ocean Drilling Program (IODP) Site Characterization Panel (formerly the Site Survey Panel; 2009 – 2014).
- National
 - Instructor for ExxonMobil workshop on rifting in the Woodlark Basin, Papua New Guinea (8/2008).
 - Instructor for IRIS REU program orientation at New Mexico Tech (5/26/2008-5/30/2008).
- University of Hawai'i
 - Department of Geology & Geophysics, University of Hawai'i at Manoa, weekly seminar organizer (Sept. 1998 – 2001).
 - President, Chair and/or treasurer of various committees while a student at the University of Hawai'i at Mānoa.

OUTREACH

- Television and newspaper interviews on numerous topics.
- Weekly geology class at Tuscaloosa Magnet School Elementary, 2008 – present.
- Oceanography demonstrations to pre-school classes, Tuscaloosa, AL.
- Participant in “The Earth Revealed” documentary about Katmai Volcano, Alaska.
- Volunteer in science education programs at Bishop Museum, Honolulu, HI, and McWane Science Center, Birmingham, AL.
- Science fair judge for the Hawaii Association of Independent Schools, Tuscaloosa Academy (AL), and the McWane Science Center.
- Geology talk at Capitol School, Tuscaloosa, AL (3rd and 4th grade class).
- GeoWall demonstrations to alumni, university donors, and school groups.
- Design and implementation of Science Olympiad activities (2006 – 2008)

PUBLICATIONS

PAPERS

- Nixon, C.W., L.C. McNeill, J.M. Bull, R.E. Bell, R.L. Gawthorpe, T.J. Henstock, D. Christodoulou, M. Ford, B. Taylor, D. Sakellariou, G. Ferentinos, G. Papatheodorou, M.R. Leeder, R.E.LI. Collier, A.M. Goodliffe, M. Sachpazi, and H. Kranis (2016), Rapid spatiotemporal variations in rift structure during development of the Corinth Rift, central Greece, *Tectonics*, 35, doi:10.1002/2015TC004026.
- Robinson, D.M, R.M. Bailey, and A.M. Goodliffe (2012), Structure of the Alleghanian Thrust Belt under the Gulf Coastal Plain Sediments, GCAGS Memoir Series: Gulf Coast Geology, 01/2012; 1:44-54.
- Taylor, B., J.R. Weiss, A.M. Goodliffe, M. Sachpazi, M., Laigle and A. Hirn (2011), The structures, stratigraphy and evolution of the Gulf of Corinth rift, Greece, *Geophysical Journal International*, 185 (11), 1189-1219.
- Robinson, D.M, M.G. Gates, and A.M. Goodliffe (2009), Structure of the Wills Valley Anticline, Alabama, Gulf Coast Association of Geological Societies Transactions, 59, 663-671
- Oakley, A.J., B. Taylor, G.F. Moore, and A.M. Goodliffe (2009), Sedimentary, volcanic and tectonic processes of the central Mariana arc: Mariana Trough backarc basin formation and the West Mariana Ridge, *Geochemistry Geophysics Geosystems*, 10 (8), doi:10.1029/2008GC002312.
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