

**HOLLY S. GODSEY, PH.D.**  
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**DEGREES**

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**Ph.D. Geology**, U. of Utah, May 2012

Dissertation: Geochronology, Stratigraphy and Paleoenvironmental Implications of Pleistocene Lake Bonneville Deposits, Northwestern Utah

**M.S. Oceanography (Marine Geology & Geochemistry)**, U. of Michigan, May 1998

Thesis: Post-Younger Dryas Seasonality in the North American Midcontinent Region as Recorded in Lake Huron Varved Sediments

**B.S. Geology (*cum laude*)**, U. of Utah, June 1995

**PROFESSIONAL BACKGROUND**

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| 2017-present | <b>Associate Professor (Lecturer).</b> Dept. of Geology & Geophysics, U. of Utah.  |
| 2014-present | <b>Director of Student Success and Teacher Development.</b> Center for Science and Mathematics Education, U. of Utah. Develop and oversee undergraduate student success projects including scholarships, cohort programs, curriculum development, and transfer student course articulation. Develop and oversee programs to provide practicing teachers with enhanced science and science-based pedagogical training. Serve as member of College of Science Data Analytics team and collaborate on projects related to student success.                                    |
| 2012-2017    | <b>Assistant Professor (Lecturer).</b> Dept. of Geology & Geophysics, U. of Utah.  |
| 2012-2014    | <b>Formal Science and Math Education Programs Manager.</b> Center for Science and Mathematics Education, U. of Utah. Oversee undergraduate and graduate level degree-granting programs and professional development for in-service and pre-service teachers. Pursue external funding for degree programs, scholarships, professional development and outreach. Supervise MS students. Coordinate research experiences for teachers with science faculty. Serve as member of College of Science Data Analytics team and collaborate on projects related to student success. |
| 2010-2012    | <b>Manager, MS for Secondary School Teachers (MSSST).</b> Center for Science and Mathematics Education, U. of Utah. Manage and coordinate curriculum, teach Earth science and science practice courses, write grants, supervise graduate students, lead professional development activities, and coordinate evaluation efforts for the various cohorts.  |

- 2010-2012      **Coordinator, Technology Intensive Concurrent Enrollment Courses.** Center for Science and Mathematics Education, U. of Utah. Guide development and production of digital promotional and instructional materials for technology-intensive, concurrent enrollment math course.
- 2010-2011      **Manager, Math for America Utah's Support and Mentoring for an Alternative Route to Teaching (SMART) Program.** U. of Utah. Manage and coordinate curriculum, graduate advising, professional development, communication and evaluation for approximately 40 graduate students and master teachers.
- 2009-2015      **Manager, Think Globally, Learn Locally (TGLL).** U. of Utah. Manage all aspects of National Science Foundation GK-12 program, including financial administration of \$2.7 M grant; recruiting and training of participants; coordinating seminars on inquiry-based pedagogy and classroom management; coordinating with schools districts, principals and teachers; program assessment; website maintenance; maintaining university, media, and community relations; promoting sustainability and development efforts.
- 2004-2015      **Manager, Water, the Environment, Science, and Teaching (WEST).** U. of Utah. Manage all aspects of National Science Foundation GK-12 program, including financial administration of \$1.8 M grant; recruiting and training of participants; coordinating seminars on inquiry-based pedagogy and classroom management; coordinating with schools districts, principals and teachers; program assessment; university, media, and community relations; promoting sustainability and development efforts.
- Summer 2001      **Geologist Intern.** Chevron Petroleum Technology Co., San Ramon, CA, Worked with Stratigraphy and Modeling team to map sealing shales from shelf to deepwater, offshore Angola. Integrated well log, mud log, and biostratigraphic data with seismic data using SeisWorks 2D3D to develop a sequence stratigraphic model of the region.
- Fall 2000      **Geologist Intern.** Chevron Petroleum Technology Co., San Ramon, CA. Worked with Reservoir Geology team to create a deep-water reservoir web-based advisor system. Established framework for accessing various turbidite databases and aided in the selection and description of seismic data models.
- 1999-2003      **Research Assistant.** U. of Utah. Investigated Lake Bonneville deposits to refine chronology and determine paleoenvironmental change through the late Pleistocene. Research included detailing geomorphology and internal structures using total station, seismic, and GPR profiling, sedimentologic and stratigraphic interpretation, radiocarbon dating, and core analysis.

- 1998-1999      **Operations Geologist.** Amoco Production Company, Denver, CO. Directed daily operations for a four-rig natural gas drilling program in Wyoming. Coordinated operations between field crew and office personnel. Performed well-log analysis for drilling targets and coring procedures. Used ArcInfo (GIS) and Oracle databases to create maps and cross-sections.
- 1995-1998      **Research Assistant.** U. of Michigan. Investigated seasonal climate variability recorded in lacustrine varved sediments through analysis of core sediments including grain size, pollen, isotopic composition, image processing, 2D seismic interpretation, and time series analysis.
- Summer 1993      **River guide and Geologic Interpreter.** Holiday River and Bike Expeditions, Green River, UT. Guided river expeditions and geologic tours on the Colorado, Green, San Juan and Yampa rivers.
- Fall 1992      **Intern in the Office of the Curator.** United States Supreme Court, Washington, D.C. Conducted public lectures and tours of the Court through the Office of the Curator. Hosted ambassadors, foreign dignitaries and special guests of the Justices. Initiated and developed a computer filing system of historical references and archive documents for the Court.
- Summer 1991, 1992      **Lab Assistant.** U. of Utah Thermal Research Laboratory. Assisted in the investigation of climate change from borehole temperature data and the relationship of heat flow to oil production in the Powder River Basin, Wyoming. Prepared geologic maps, cross-sections, and comparative graphs for publication, compiled numerical data for analysis.

## **CURRICULUM LEADERSHIP & TEACHING**

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### **Curriculum Leadership:**

- Member of the University of Utah Crocker Science Center Curriculum Development Team, 2015-present.
- Established new “SCI” course designation for interdisciplinary or “out of the departmental box” science courses at the University of Utah, 2016.
- Facilitated the University of Utah Dept. of Biology curriculum revision process, 2016.
- Member of the University of Utah Dept. of Geology & Geophysics Curriculum Assessment Committee, 2015-16.
- Utah State Science Standards Writing Team member, 2014-15. Developed new Utah middle school science standards to be implemented throughout the state in 2017.
- State Science Education Coordinating Committee Leadership Team member, 2015-present.

### **New Course Development:**

- **SCI 2010 The Nature of Scientific Inquiry.** General Education course (SF) on the principles and practices of the scientific endeavor. Course to be offered beginning Fall 2017.
- **SCI 2020 Science and Society.** General Education course (AS and HF) on the intersections of science and environmental, political, theological and health-related issues. Course to be submitted for General Education approval in Fall 2017.
- **SCI 5050 The Science of Learning.** Course on the theory and practice of research-based science teaching for undergraduate and graduate TAs, and students in Learning Assistant (LA) program. Course to be offered beginning Fall 2018.
- **GEO 3670 Science Communication and Mentoring Skills.** This course teaches upper division science majors critical written and verbal science communication skills. Students learn to communicate science to a variety of audiences by writing technical and common word abstracts, presenting disciplinary concepts to cross-disciplinary peers, writing small grant proposals, interviewing faculty and writing press-releases, contributing science blog posts, and developing and teaching science curriculum. Students participate in a weekly communication practicum in a middle or high school science classroom. The course qualifies for General Education credits in Upper Division Communication and Writing (CW), and Community Engaged Learning (CEL).
- **GEO 6920 (Special Topics) Topics in Geology.** Course for teachers in MS for Secondary School Teachers program. The course develops teachers' knowledge of Earth materials and physical geology by using the Natural History Museum of Utah as a "field" site.
- **GEO 6920 (Special Topics) Field Geology for Teachers.** Field course that assisted teachers in learning how to use the local landscape to instruct students on geology and environmental science.
- **GEO 6920 (Special Topics) Earth Science from Native and Western Scientific Perspectives.** Field course and cultural exchange with teachers from the Navajo reservation and the Salt Lake City area. Course covered geologic phenomena from both "western" and native perspectives. Participants spent 3 days in the field, including 1 day exploring geologic phenomena along the San Juan River corridor via rafts.
- **Introduction to Geology.** This course was developed for the Utah State Board of Education as an undergraduate-level hybrid online course for teachers needing science endorsements.

### **Other Teaching Activities:**

- **EDU 6950 (Special Topics) Science & Teaching Seminar.** This seminar is for Biology, Chemistry and Earth Science teachers in the MS for Secondary School Teachers (MSSST) program. The course teaches teachers to transform the high-level content that they are learning in the MS program into better classroom teaching and helps teachers develop research and writing skills in preparation for their MS projects.
- **Instructor, Teaching and Learning Seminar for EAST (Embedded Alliance for Science Teaching, WEST (Water, the Environment, Science and Teaching), and TGLL (Think Globally, Learn Locally), U. of Utah, Oct. 2004 to present.** Created, coordinated and co-taught

course on content-based pedagogical methods, teaching and research skills, and professional development for undergraduate and graduate students involved in partnerships with K-12 teachers.

- **Instructor**, O.A.R.S., Yampa River, UT, May 2007-2011, Developed and taught 5-day course on geology of river corridor.
- **Instructor**, O.A.R.S., Cataract Canyon Natural History Course, Colorado River, UT, June 2008. Developed and taught 6-day field course on Utah's natural history for high school students.
- **Instructor**, Don R. Currey Memorial Field Trip to the Shores of Pleistocene Lake Bonneville, Geological Society of America Field Trip, Oct. 2005. Organized and led three-day field trip to various locations around the Bonneville basin for attendees of the Geological Society of America annual meeting.
- **Instructor**, Friends of Great Salt Lake Field Seminar Series, Spring 2002. Organized and led field trips to various Lake Bonneville geomorphic features as part of the Friends of Great Salt Lake field seminar series.
- **Instructor**, Antelope Island Teachers Workshop, Antelope Island State Park, UT, Spring 2001. Taught in-service geology workshop for middle and high school teachers. Created field trip guide, map and handouts on Utah's geologic history.
- **Field Camp Instructor**, University of Michigan, Camp Davis, WY, Summer 1996 and 1997. Led 6-week field and classroom exercises for 50-60 students per year on regional (Wyoming, Idaho, Utah, Nevada) geology and geography. Developed student field projects involving mapping, hydrological experiments, and environmental remediation. Coordinated field logistics.
- **Graduate Student Instructor**, Oceanography, U. of Michigan, Ann Arbor, MI, Sept. 1996 to May 1997. Taught laboratory sections and prepared experiments in physical, chemical and biological oceanography and marine geology. Also served as occasional lecturer for core course of 250 students.

## **GRANTSMANSHIP**

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### **Active Grants:**

- HHMI Inclusive Excellence grant for developing infrastructure at the U and at Salt Lake Community College to support transfer students in STEM. \$1 M, PI.
- US Dept. of Education Math and Science Partnership (MSP) State Block Grant: "Masters of Science for Secondary School Teachers (MSSST): Collaboration to Build Teacher Knowledge and Science Practice Skills". Jan 2015 to Dec 2018, \$160 K, PI.
- Dept. of Workforce Services: "STEM Link Afterschool Program" for the promotion and support of school-age minorities and girls in STEM. Sept 2014 to Aug 2017, \$509 K, co-PI.
- NSF S-STEM Grant: "U-S<sup>2</sup>STEM Scholars" for the promotion and support of college-age minorities and women in STEM. July 2013 to June 2018, \$610 K, co-PI.

### **Past Grants:**

- Utah STEM Action Center Grant: “Elementary STEM Endorsement Program at the University of Utah”. June 2015-June 2017, \$200 K, Author and co-PI.
- College Access Network of Utah ImPACT Expansion Grant: “REFUGES (Refugees Exploring the Foundations of Undergraduate Education in Science)”, summer science “bridge” program for refugee students entering college. Jan 2015 to Dec 2015, \$50 K, co-PI.
- US Dept. of Education Math and Science Partnership (MSP) State Block Grant: “Collaboration to Build Teacher Knowledge and Practice in the Earth and Physical Sciences”. July 2012 to Dec 2015, \$192 K, author and co-PI.
- NSF GK-12 Grant: “Think Globally, Learn Locally (TGLL)”. July 2009 to June 2015, \$2.7 M, Project Manager.
- College Access Network of Utah ImPACT Expansion Grant: “REFUGES (Refugees Exploring the Foundations of Undergraduate Education in Science)” summer science “bridge” program for refugee students entering college. Jan to Dec 2014, \$50 K, co-PI.
- College Access Network of Utah Grant: “REFUGES (Refugees Exploring the Foundations of Undergraduate Education in Science)”. Jan to Dec 2013, \$113 K, author and co-PI.
- NSF Math and Science Partnership State Block Grant: “Collaborative Program Leading to a Master of Science for Secondary Biology and Chemistry Teachers”, July 2011 to Aug 2012, \$112 K, Project Manager.
- NSF GK-12 Grant: “Water, the Environment, Science and Teaching (WEST)”. July 2004 to June 2007, \$1.7 M, Project Manager.

#### **ACTIVITIES**

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- Crocker Science Center Building Design Committee, U. of Utah, 2014-present
- AAAS/NSF Committee on GK-12 “Best Practices”, 2011-12
- Science Advisor for UEN’s Climate Literacy Partnership, 2009-2010 (see <http://www.uen.org/climate/index.php>)
- Content Developer, Utah Museum of Natural History, “Land” and “Lake” observatories, 2005-2010
- Earth Science Test Item Writer, Western Governors University, 2007
- Guest Scientist for KCPW’s Midday Metro, Geoantiquities and the Beck Street Bench controversy with Salt Lake City Mayor Rocky Anderson and North Salt Lake Mayor Kay Briggs, 2005
- Scientist and advisor, “Geoantiquities” documentary film, produced by Earth Images Foundation through a grant from the NSF, 2005
- Developer of Ice Age Teaching Kit for the Utah Geological Survey, 2004

#### **RECOGNITIONS, SCHOLARSHIPS, AWARDS AND HONORS**

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- MUSE (My Utah Signature Experience) Professor, 2016-present
- Utah Science Teachers Association Outstanding Higher Education Science Educator Award, 2013
- Quaternary Research Most Cited Article from 2005 to 2010
- Association of Women Geoscientists Chrysalis Scholarship, 2006

- DOSECC (Drilling, Observation, and Sampling of the Earth's Continental Crust) Internship, 2002
- University of Utah Graduate School Travel Grant, 2002
- Geological Society of America Travel Grant, 2001
- Kennecott Meritorious Scholarship, 1995
- Frischknecht Undergraduate Scholarship, 1994
- Outstanding Undergraduate of the Year in Geology, 1993
- Mineralogical Society of Utah Memorial Scholarship, 1993
- Dean's Undergraduate Scholarship, 1991, 1992
- Dean's List University of Utah
- University of Utah Outstanding Greek Woman of the Year, 1992

#### **DEPARTMENTAL POSTS AND LEADERSHIP POSITIONS**

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- University of Utah Interdisciplinary Teaching Programs Faculty Appointments Advisory Committee, 2017-19
- Geology & Geophysics Undergraduate Affairs Committee, 2017-present
- Sustainability Education Advisory Committee, 2016-present
- Geology & Geophysics Curriculum Revision Committee, 2015-present
- State Science Education Coordinating Committee Leadership Team, 2015-present
- Geology and Geophysics Student Advisory Committee, Univ. of Utah, 2001, 1994
- Co-President, Geology Club, Univ. of Michigan, 1996
- Graduate Representative, Univ. of Michigan Student Handbook Committee, 1996
- Invited Panel Speaker, Univ. of Michigan Symposium on Graduate Student Instructors
- President, Utah Alpha Chapter, Pi Beta Phi Sorority
- Chair, Greek Week, Utah Chapter, Order of Omega National Honor Society

#### **COURSEWORK**

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| • Mineralogy                                   | • Global Climate Change            |
| • Optical Mineralogy                           | • Paleoecology                     |
| • Igneous and Metamorphic Petrology            | • Remote Sensing of Ocean Dynamics |
| • Sedimentary Petrology                        | • Marine Geology                   |
| • Carbonate Petrology                          | • Oceanography                     |
| • Structure and Tectonics                      | • Environmental Ocean Dynamics     |
| • Quaternary Stratigraphy and Paleoclimatology | • Isotope Geology                  |
| • Sequence Stratigraphy                        | • Geochemistry                     |
| • Seismic Stratigraphy                         | • Calculus                         |
| • Sedimentology                                | • Differential Equations           |
|  | • Linear Algebra                   |

#### **FIELD EXPERIENCE**

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- University of Utah's "Go Learn" program – created field course to Iceland for 25 University of Utah alumni. Trip will take place July 2018.
- Field camp (non-majors) instructor for University of Michigan
- Coring expedition, R/V Laurentian, Great Lakes, U.S.A. and Canada
- Paleoecology of the Pleistocene field trip, CEDO Intercultural Center for the Study of Desert and Oceans, Mexico

- Modern Depositional Environments field course, South Carolina
- Geology of New Zealand field course, participant and instructor, New Zealand
- ExxonMobil Guadalupe Mountains Sequence Stratigraphy field course, TX
- ExxonMobil Book Cliffs Sequence Stratigraphy field course, UT
- Chevron Reservoir Characteristics of Book Cliffs Deposits field course, UT
- Univ. of Utah Dept. of Geography Western Great Basin field course, CA and NV
- Univ. of Utah Dept. of Geology and Geophysics Field Techniques, UT and NV
- Extensive self-directed fieldwork throughout Utah for dissertation

### **INVITED TALKS**

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- “Bringing the U to You: Outreach and Service-Learning in K-12 Schools”, College of Science - Science at Breakfast Series, Sept. 2016.
- “The Case for Faculty Engagement in the K-12 Community”, Science Education at the Crossroads Conference, Portland, Oregon, Sept. 2014.
- “The Significance of the Stockton Bar”, Tooele Historical Society Meeting, Sept. 2011.
- “Sustaining Community-Campus Relationships”, University of Utah and Utah Campus Compact Community-Engaged Faculty Institute. August 2010.
- “Sand and Snails: Evidence for a mid-Provo regression?”, Utah State University Dept. of Geology Lecture Series, February 2008.
- “New Evidence for an Extended Occupation of the Provo Shoreline and Implications for Paleoenvironmental Change: Pleistocene Lake Bonneville, Utah”, Geological Society of America Meeting, Salt Lake City, October 2005.
- “The Stockton Bar”, Friends of Great Salt Lake Spring field trip, 2000.
- “Geoantiquities”, Friends of Great Salt Lake Fall meeting, 2000.

### **SUPERVISORY COMMITTEES**

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- Stephanie Coates, MS for Secondary School Teachers in Biology, U. Utah (Dec. 2012)
- Erin Keenan, MS for Secondary School Teachers in Biology, U. Utah (Dec. 2012)
- Neil Opperman, Professional MS of Science and Technology in Environmental Studies, U. Utah (June 2013)
- Victor O’Brien, MS for Secondary School Teachers in Chemistry, U. Utah (Dec. 2013)
- Paul Thomas, MS Geology, U. Utah (May 2014)
- Jacob Chalmers, MS for Secondary School Teachers in Biology, U. Utah (Dec. 2014)
- Ron Christensen, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Lisa Covert, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Melissa Decker, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Jake Flannigan, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Janae Hunt, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)

- Amanda Johnson, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Crystal King, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Kelly Melrose, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Christina Stenten, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- David Vala, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2014)
- Brent Blanch, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2016)
- Nicholas Angel, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2016)
- Jessica Watson, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2016)

#### **PUBLICATIONS AND ABSTRACTS**

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**Semken, S., Godsey, H.S., and Tsosie, W. (2017).** Tsé na'alkaah: Weaving Native and Mainstream Earth and Environmental Science into Place-Based Teacher Professional Development on the Colorado Plateau. AGU abstract.

**Godsey, H.S., Semken, S., Tsosie, W., Cagelosi, A., Begay, B., and Penrod, C. (2017).** Weaving Together Native Cultural Knowledge and Western Science to Support Diverse Students' Learning about the Earth. Submitted to the National Association of Geoscience Teachers (NAGT) Earth Educator's Rendezvous, July 27-24, 2017.

Chan, M.A., and **Godsey, H.S. (2016).** Lake Bonneville Geoantiquities in the Urban Landscape: Potential Loss of Geological Heritage *In* Oviatt, C.G., and Shroder, J.F. (Eds.) *Lake Bonneville: A Scientific Update* (pp. 660). Cambridge, MA: Elsevier.

Gaines, E., **Godsey, H.**, Nyawelo, T., and Gerton, J., 2016. Promoting Undergraduate Success in Science and Math at the University of Utah through a Multi-Faceted Approach. Abstract and poster presentation at the first annual meeting of the Science and Math Teaching Imperative Network of Science Education Centers.

**Godsey, H.S., Stark, L.A., and Goldsmith, M.M., 2014.** The Benefits and Challenges of Engaging Teachers in Research to Enhance Science Process Skills, *GSA Abstracts with Programs*, Vol. 46, No. 6.

**Godsey, H.S., 2014.** The Case for Faculty Engagement with the K-12 Community. In J. Settlage & A. Johnston (Eds.), *Proceedings of the Science Education at the Crossroads Conference* (pp. 36-37). Portland, OR. Available online at [www.sciedxroads.org/proceedings2014.html](http://www.sciedxroads.org/proceedings2014.html).

Bearden, K. and **Godsey, H.S., 2013.** Communicating Project Success *in* The Power of Partnerships: A Guide from the NSF Graduate STEM Fellows in K-12 Education (GK-12) Program (Stoll and Ortega, Eds.), American Association for the Advancement of Science.

Moore, K.A., Gaukler, S., **Godsey, H.**, and Feener, D., 2012. Think Globally Learn Locally:

Introducing scientists into science classrooms. *American Society of Cell Biologists Annual Meeting*, Abstract-2716.

**Godsey, H.S.,** Oviatt, C.G. Miller, D.M., and Chan, M.A., 2011. Stratigraphy and chronology of offshore to nearshore deposits associated with the Provo shoreline, Pleistocene Lake Bonneville, Utah, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 310, 442-450. Available online at <http://dx.doi.org/10.1016/j.palaeo.2011.08.005>.

Chan, M.A. and **Godsey, H.S.,** 2009, Geoantiquities in the urban landscape: potential loss of geological heritage. *Geological Society of America Abstracts with Programs*, Vol. 41, No. 7, p. 342.

**Godsey, H.S.,** Oviatt, C.G., Miller, D.M., and Chan, M.A., 2008, Stratigraphic and chronologic evidence from offshore deposits for an extended Provo stage, Pleistocene Lake Bonneville, Utah. *Geological Society of America Abstracts with Programs*, Vol. 40, No. 6, p. 426.

**Godsey, H.S.,** and Chapman, D.S, 2007, Project WEST: Fostering Scientific Inquiry and Collaborations from K Through Gray. *Eos, Transactions, American Geophysical Union*, 88 (52), Fall Meeting Suppl., Abstract ED23B-1280.

**Godsey, H.S.,** Chapman, D., Hynek, S. Jarrell, E., Johnson, W., Naftz, D., Neuman, C., and Uno, K., 2006, Saline Lakes: Platforms for Place-Based Scientific Inquiry by K-12 Students, *Eos, Transactions, American Geophysical Union*, 87 (52), Fall Meeting Suppl., Abstract H52A-07.

**Godsey, H.S.,** Petersen, E.U., Chapman, D.S., Harbison, C., Hynek, S.A., Uno, K., and Wilkinson, E., 2006, WEST (Water, the Environment, Science and Teaching): Linking scientists, teachers, and students through watershed education. *Geological Society of America Abstracts with Programs*, Vol. 38, No. 7, p. 361.

**Godsey, H.S.,** Atwood, G., Lips, E., Miller, D.M., Milligan, M. and Oviatt, C.G., 2005, Don R. Currey Memorial Field Trip to the shores of Pleistocene Lake Bonneville, Geological Society of America Field Guide 6: Interior Western United States, p. 419-448.

**Godsey, H.S.,** Currey, D.R., and Chan, M.A., 2005, New evidence for an extended occupation of the Provo shoreline and implications for regional climate change, Pleistocene Lake Bonneville, Utah. *Quaternary Research* 63, 212– 223.

**Godsey, H.S.,** and Chan, M.A., 2005, New Evidence for an extended occupation of the Provo shoreline and implications for paleoenvironmental change from Pleistocene Lake Bonneville, Utah. *Geological Society of America Abstracts with Programs*, Vol. 37, No. 7, p. 335.

**Godsey, H.S.,** Chan, M.A., and Dion, A.N., 2005, Geoantiquities: A multi-faceted

approach to documentation and conservation of regional landscapes with global value, *Geological Society of America Abstracts with Programs*, Vol. 37, No. 7, p. 190.

Petersen, E.U., **Godsey, H.S.**, Ali-Adeeb, J., Chapman, D.S., Cohen, L., Hynek, S.A., Madden, L., Milward, L., O'Grady, S., and Zanno, L., 2005, WEST (Water, the Environment, Science, and Teaching): Implementing Inquiry-based Learning in K-12 Classrooms, *Geological Society of America Abstracts with Programs*, Vol. 37, No. 7, p. 280.

Petersen, E.U., Chapman, D.S., **Godsey, H.S.**, Madden, L., Milward, L., 2005, Project WEST: Partnering to Enhance Inquiry Based Science Teaching in the Salt Lake City School District. *ASLO (American Society of Limnology and Oceanography) Aquatic Sciences National Meeting*, February 20-25, Salt Lake City, Utah. p. 43.

Prose, D.V., LaMacchia, D.M, Chan, M.A., and **Godsey, H.S.**, 2005, Geoantiquities: Video outreach and education, *Geological Society of America Abstracts with Programs*, Vol. 37, No. 7, p. 190.

Chan, M.A., and **Godsey, H.S.**, 2004, Geoantiquities: Concepts and Applications for Education in the Urban Landscape, *Journal of Geoscience Education*, Vol. 52, n. 5, pp. 445-452.

Petersen, E., Ali-Adeeb, J., Cerling, T., Chan, M., Chapman, D., Cohen, L., Davis, M., Dearing, D., Hill, S., **Godsey, H.**, Hynek, S., Madden, L., Millward, L., O'Grady, S., Richards, L., Solomon, K., Sampson, J., Shafer, J., Zanno, L. and Zipser, E., 2004, Project WEST: Water, the Environment, Science and Teaching, *Eos, Transactions, American Geophysical Union*, Vol. 85, No. 47, Fall Meet. Suppl.

Chan, M. A., Currey, D.R., Dion, A. and **Godsey, H.S.**, 2003, Geoantiquities in the urban landscape: Earth History Records in the Cities, *In Heiken, G., Fakundiny, R., and Sutter, J., eds., Earth Science in the Cities: A Reader: AGU Monograph*, p. 21-42.

Chan, M.S., Currey, D.R., Dion, A.N. and **Godsey, H.S.**, 2003, Geology for the Record, *Geotimes*, v. 48, n. 6, p.14-17.

Felton, A.K., **Godsey, H.S.**, Jewell, P., Chan, M.A. and D.R. Currey, 2002, Depositional models for tufa development in Pleistocene Lake Bonneville, Utah. *Geological Society of America Abstracts with Programs*, Vol. 34, No. 6, p. 368.

**Godsey, H.S.**, 2002, A record of changing climate conditions during the late Pleistocene from shoreline studies in the Bonneville basin, Utah. *28<sup>th</sup> Annual Great Basin Anthropological Conference Abstracts*.

**Godsey, H.S.**, Currey, D.R., Felton, A.K., and Chan, M.A., 2002, Refining the record of

Pleistocene lake level change, Lake Bonneville, Utah; evidence of climate-driven oscillations from the Provo shorezone. *Geological Society of America Abstracts with Programs*, Vol. 34, No. 6, p. 368.

**Godsey-Bennett, H.S.**, Chan, M.A., Currey, D.R., and G. Atwood, 2001, The Stockton Bar, A Geologic Treasure in Tooele County. *Survey Notes, Utah Geological Survey*, v. 33, n. 2, p. 11.

**Godsey, H.S.** and M.A. Chan, 2001, Geoantiquities: Natural records of Earth history at risk in the urban environment. *Friends of Great Salt Lake*, v. 7, n. 2., p. 6.

**Godsey, H.S.**, Currey, D.R. and M.A. Chan, 2001, A high resolution record of Late Pleistocene Provo shoreline development from Lake Bonneville, Western Utah, *Geological Society of America Abstracts with Programs*, Vol. 33, No. 6, p. 216.

**Godsey, H.S.**, Moore, Jr., T.C., Rea, D.K., and Shane, L.C.K., 1999, Post-Younger Dryas seasonality in the North American midcontinent region as recorded in Lake Huron varved sediments, *Canadian Journal of Earth Science*, v. 36, n. 4, p. 533-547.

Moore Jr., T.C., Rea, D.K. and **Godsey, H.S.**, 1998, Regional variation in modern radiocarbon ages and the hard-water effects in Lakes Michigan and Huron, *Journal of Paleolimnology*, Vol. 20, No. 4, p. 347-351.

Rea, D.K., **Godsey, H.S.**, Moore, T.C., Jr., Lewis, C.F.M., Shane, L.C.K., Smith, A.J., 1998, Annual and seasonal climatic variability in the North American Mid Continent during the Younger Dryas; a study of Lake Huron varved sediments, *Geological Society of America Abstracts with Programs*, Vol. 30, No.7, p. 164.

**Godsey, H.S.**, Moore, T.C., and Rea, D.K., 1997, Seasonal climate variability in the Holocene as recorded in northern Lake Huron varved sediments; an image analysis approach to determining varve thickness, *Geological Society of America Abstracts with Programs*, Vol. 29, No. 6, p. 212.