**Holly S. Godsey, Ph.D.**

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**Education**

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

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

Advisers: Margie A. Chan, Don R. Currey, Charles G. (Jack) Oviatt, David S. Chapman, Paul Jewell, and Ron L. Bruhn

**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

Advisers: David K. Rea, Ted L. Moore, and Bob Owen

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

**Academic Appointments**

2021-present Associate Professor (Clinical), Urban Institute for Teacher Education, College of Education, U. of Utah

2017–present Associate Professor (Lecturer), Dept. of Geology & Geophysics, U. of Utah

2012-2017Assistant Professor (Lecturer). Dept. of Geology & Geophysics, U. of Utah

**Professional Background (chronological based on end date of position)**

2022-present **Director of Career-line Faculty Enhancement**, Office for Faculty, U of Utah. Develop and implement programming for faculty career enhancement, professional development, advancement and success for main campus and Utah Asia Campus faculty.

2022-present **Director of STEM Initiatives**, College of Education, U of Utah. Oversee all STEM teacher education programming including grant writing, developing programs of study, student advising and mentoring, collaborating across departments and colleges, marketing, recruiting, and reporting

2017-present **Project Director, Utah Pathways to STEM (UPSTEM)**. Oversee all aspects of an HHMI Inclusive Excellence grant to build capacity for inclusive teaching at the University of Utah (U) and Salt Lake Community College (SLCC). Develop clearly articulated degree pathways for SLCC students to the STEM disciplines at the U. Lead an interdisciplinary faculty learning community on issues of race and equity in higher education. Build a research agenda and data-sharing agreement to promote data-driven decision-making around student success.

2010-present **Program** Director, MS for Secondary School Teachers (MSSST). Developed cohort model, program of study and research experiences for practicing teachers, resulting in over 100 graduates in 12 years in Biology, Chemistry, Earth Science and Physics.

2021-2022 **Director, Teach for Utah, College of Education**, U of Utah.Oversee operations for $2.5M grant to recruit and retain secondary science and math teachers.

2014-2022 **Director of Student Success and Teacher Development.** 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.

2020-2021 **Program Director, Williamson Science Communication Fellows**, U. of Utah. Oversee cohort of graduate students doing outreach to students in Title 1 K-12 schools, provide training on communication skills and instructional practices, coordinating with local teachers and schools and international science outreach organizations.

2019-2020 **Faculty Fellow, Office of the Senior Vice President of Academic Affairs,** U. of Utah. Oversee the **Educational Futures and Student Success Task Force** to plan and manage growth to 40,000 students by 2025. The task force consisted of 86 faculty and staff in six working groups to evaluate educational delivery and partnerships, marketing, financial challenges, facilities and infrastructure, graduate student program and undergraduate student success.

2012-2014 **Formal Science and Math Education Programs Manager.** 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 **Manager, MS for Secondary School Teachers (MSSST).** 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. 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**

**Curriculum Leadership:**

* Led the development of five new majors for the BS/MEd combined degree for aspiring Earth science, Biology, Physics and Chemistry secondary science teachers.
* Inclusive STEM Teaching Project (ISTP) facilitator. This nationwide project was developed to help faculty implement inclusive teaching practices in their classrooms, 2021-2.
* University of Utah General Education Curriculum Committee (GECC) Co-Chair, 2018-2022.
* University of Utah General Education Brain Trust, 2018-2022.
* Utah State Board of Education science standards writing team member, 2018-19. Developing new Utah 9th grade Earth Science standards to be implemented throughout the state in 2021.
* Creator of the new “da Vinci” and “Science and Society” BlockU learning communities that introduce freshmen to the scientific process and connects science to art, history, philosophy and society, 2017-present.
* Member of the University of Utah Crocker Science Center Curriculum Development Team, 2015-2018.
* 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, 2015-2017.

**New Course Development:**

* **SCI 2010 The Nature of Scientific Inquiry.** General Education course (SF) that teaches the principles and practices of the scientific endeavor.
* **SCI 2020 Science and Society.** General Education course (SF) that teaches the intersections of science and environmental, political, theological and health-related issues.
* **SCI 5050 The Science of Learning.** Course on the theory and practice of research-based and equitable science teaching for undergraduate and graduate TAs, and students in College of Science Learning Assistant (LA) program.
* **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) Physical Geology for Teachers.** 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 assists 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 spend three days in the field, including one day exploring geologic phenomena by rafting down the San Juan River corridor.
* **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:**

* **Instructor for SCI 3900 Being Human in STEM.** This project-based course explores issues related to diversity in STEM from a student and a faculty perspective.
* **University of Utah’s Go Learn Program Trip Leader.** Geology of Iceland, July 2018, 2019, 2022, 2023 (<https://continue.utah.edu/golearn/iceland18>)
* **University of Utah’s Go Learn Program Trip Leader.** Geology of New Zealand, Jan 2024.
* **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**

**Active Grants:**

* NSF Education and Human Resources Core Research Grant, *Learning to observe: Unpacking Teachers’ development of expertise in scientific observation*, July 2022 to June 2025, **$600K**, **co-PI.**
* American Association of Universities (AAU) grant for improving STEM Instruction at the University of Utah and Salt Lake Community College, July 2022 to June 2024, **$15K, co-PI**.
* NSF Noyce Teacher Scholarship Program Track 1 grant, *The Utah Collaborative for Equitable STEM Teaching (UCET)*, to support scholarships and professional development for STEM students in a BS/MEd and licensure program for secondary science teaching, July 2021 to June 2026, **$1.4M, PI**.
* Emma Eccles Jones Foundation grant, *Teach for Utah*, to support scholarships and professional development for STEM students in a BS/MEd and licensure program for secondary science teaching, July 2021 to June 2026, **$2.4M, Director**.
* HHMI Inclusive Excellence grant, *Utah Pathways to STEM (UPSTEM)*, for developing infrastructure at the U and at Salt Lake Community College to support transfer students in STEM, Sept 2017 to Aug 2023, **$1.05M, PI**.

**Planned submissions for 2023:**

* NSF S-STEM grant, *Leading and Achieving at the U to Empower a New Generation of CHangemakers (LAUNCH),* to provide scholarships and support to academically talented, economically challenged students**, $1M, co-PI.**
* NSF Noyce Teacher Scholarship Program Track 1 grant, to add math teaching majors and continue to support scholarships and professional development for STEM students in a BS/MEd and licensure program for secondary science teaching, **$1.2M, PI**.
* NSF Noyce Teacher Scholarship Program Track 3 grant, Master Teacher Fellowships, to provide support and training for practicing teachers to become “master” mentors to pre-service and newly inducted teachers, **$3M, PI.**
* HHMI Driving Change grant to develop a Meyerhoff Scholars program at the University of Utah, **$2.5M, co-PI.**

**Past Funded Grants:**

* 1U4U Innovation Funding grant, *Building a Branch from UPSTEM to the HSC: Co-creating infrastructure and skills to increase diversity and success in our health professional schools*, Feb 2020 to July 2021, **$15K, Co-PI.**
* NSF Noyce Teacher Scholarship Program capacity building grant, *The Utah Collaborative*, to build a new BS/MEd program for pre-service teachers, July 2019 to June 2020, **$125K, PI.**
* COS Course Transformation grant, *Transforming Instruction in the College of Science Through Learning Assistants*, Jan 2018 to Jan 2020, **$200K, PI.**
* NSF S-STEM Grant, *U-S2TEM Scholars*, for the promotion and support of college-age minorities and women in STEM. July 2013 to June 2018, **$610K, co-PI.**
* Utah STEM Action Center Grant, *Elementary STEM Endorsement Program at the University of Utah*, June 2015-June 2017, **$200K, co-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 2014 to Dec 2017, **$160K, 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, **$509K, 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, **$50K, 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, **$192K, co-PI.**
* NSF GK-12 Grant, *Think Globally, Learn Locally (TGLL),* July 2009 to June 2015, **$2.7M, 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, **$50K, co-PI.**
* College Access Network of Utah Grant, *REFUGES (Refugees Exploring the Foundations of Undergraduate Education in Science)*. Jan to Dec 2013, **$113K, 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, **$112K, Project Manager**.
* NSF GK-12 Grant, *Water, the Environment, Science and Teaching (WEST)*, July 2004 to June 2007, **$1.7M, Project Manager**.

**Activities and Leadership Positions**

* Member, EDI Strategy Council (2022)
* Senior Associate VP of Academic Affairs (2021), U. of Utah
* Search committee member for VP of Enrollment (2019), U. of Utah
* Committee for the Advancement of Inclusion and Diversity (CAID), College of Mines and Earth Science (2020-2021).
* Association of American Universities (AAU) STEM Liaison for U. of Utah
* Utah Advisory Council for Teacher Education (UCATE), advisory board for College of Education, 2020-present
* Geology & Geophysics Undergraduate Affairs Committee, 2016-17, 2020-2022
* Geology & Geophysics Curriculum Committee, 2017-2020
* University Interdisciplinary Teaching Programs Committee, 2017-present
* Geology & Geophysics Graduate Affairs Committee, 2017-18
* U of Utah Sustainability Education Advisory Committee, 2016-2018
* Crocker Science Center Building Design Committee, U. of Utah, 2014-2017
* Geology & Geophysics Curriculum Revision Committee, 2015-2017
* State Science Education Coordinating Committee Leadership Team, 2015-2017
* 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
* 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

**Recognitions, Scholarships, Awards and Honors**

* Senior Vice President for Academic Affairs Faculty Fellow, 2019-2020
* Recipient of the 2019 Excellence in Innovation in General Education Award
* MUSE (My Utah Signature Experience) Professor, 2016-2022
* Utah Science Teachers Association Outstanding Higher Education Science Educator Award, 2013
* Award for “Most Cited Article from 2005 to 2010” (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)

* 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
* Frischknect 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

**Field Experience**

* University of Utah’s “Go Learn” program, created and led field course to Iceland, July 2018, 2019, 2022, and 2023
* 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**

* University of Utah Department of Atmospheric Sciences Colloquium Series, *Best Practices in  
  Mentoring: It’s all about the Atmosphere*, Nov. 16, 2022
* University of Utah Go Learn Speaker Series, *Iceland: Land of Fire and Ice*, July 2020
* Panel Speaker, Building Professional Relationships, PathMaker Workshop, Huntsman Cancer Institute, June 17, 2020
* Panel Speaker, First Annual Transfer Pathways Summit, University of Utah – Salt Lake Community College, Aug. 2019.
* Getting to the Root of the Problem: A Discussion about Inclusion in STEM, Northwest Florida State College, March 1, 2019.
* “Gary and Ann Crocker Science Center: A catalyst for innovations in integrated science research and education”, Crimson Laureate Society CSC opening event, Jan 2018.
* “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. Aug 2010.
* “Sand and Snails: Evidence for a mid-Provo regression?”, Utah State University Dept. of Geology Lecture Series, Feb 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, Oct 2005.
* “The Stockton Bar”, Friends of Great Salt Lake Spring field trip, 2000.
* “Geoantiquities”, Friends of Great Salt Lake Fall meeting, 2000.

**Graduate Student Advisees**

* 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)
* Victoria Johnson, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2020)
* Janalee Roberts, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2020)
* Alesha Shulzke, MS for Secondary School Teachers in Earth Science, U. Utah (Dec. 2020)
* Joanna Owens, MS for Secondary School Teachers in Earth Science, U. Utah (Jan 2021)
* Monique Holt, PhD Geology, U. Utah (Apr 2021)

**Publications, Abstracts and Proceedings**

Zummo, L., Barth-Cohen, L., **Godsey, H.S,** Burbank, M. and Cook, A. Using social and

environmental justice issues as anchoring phenomena in an innovative science teaching methods course. Association for Science Teacher Education conference, SLC, UT, Jan 2023.

**Godsey, H.S**., Gerton, J., Caldwell, C., Rocks, A., Frey, G., Taylor, J., andMacArthur, K.

UPSTEM: Transforming institutions to better serve transfer students and marginalized populations, Science of Teaching and Learning conference, University of California Davis, Dec. 2, 2022.

Fischer-Femal, B., Lopez, S., Hartley, H. and **Godsey, H.** Connecting graduate students,

research and K-12 students through online outreach: Making the most of online learning during COVID-19, Geological Society of America Abstracts with Programs, 53, 6, 2021.

Berryman, J., Beagley, T., **Godsey, H.,** and Caldwell, C. Realistic Transfer Pathways:

Redefining the concept of an Associate Degree, Association of American Colleges and Universities Transforming STEM Higher Education Conference, Nov. 5-7, 2020.

**Godsey, H.S.,** Gerton, J.M. and Rocks, A. Driving Change by Empowering Faculty with Data on

Inclusion and Equity, National Science Education Centers Virtual Conference, June 10-11, 2020.

**Godsey, H.S.,** Saltiban, B.O., Gerton, J.M., Bradley, M., Caldwell, C., and Pataki, D. Getting to

The Root of the Problem: A discussion about affecting change in STEM, AAC&U STEM Transformation Conference, Atlanta, GA, Nov. 8-10, 2018.

Semken, S., **Godsey, H.S.,** and Tsosie, W. (2018). Tsé na’alkaah: Combining Native and

Mainstream Geoscience to Foster Place-Based K-12 STEM Teacher Professional Development on the Colorado Plateau. AGU abstract.

Semken, S., **Godsey, H.S.,** and Tsosie, W., Tsé na’alkaah: Weaving Native and

Mainstream Earth and Environmental Science into Place-Based Teacher Professional Development on the Colorado Plateau. American Geophysical Union, Fall Meeting 2017, abstract #PA53A-0250

**Godsey, H.S.,** Semken, S., Tsosie, W., Cangelosi, A., Begay, B., and Penrod, C. (2017).

Weaving Together Native Cultural Knowledge and Western Science to Support Diverse Students’ Learning about the Earth. 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.

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

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