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Thanks to

GeoCorps™ America and National Park Service Geoscientists-in-the-Parks Program Participants, Partners, and Donors!
2019 GSA Section Meetings

**Northeastern**
17–19 March
Portland, Maine, USA
Meeting Chair: Steve Pollock, spollock@maine.rr.com
[www.geosociety.org/ne-mtg](http://www.geosociety.org/ne-mtg)

**Joint South-Central/North-Central/Rocky Mountain**
25–27 March
Manhattan, Kansas, USA
Meeting Chairs: Matthew Kirk, matthew.f.kirk@gmail.com; Tina Niemi, niemit@umkc.edu; Shannon Mahan, smahan@usgs.gov
[www.geosociety.org/sc-mtg](http://www.geosociety.org/sc-mtg)

**Southeastern**
28–29 March
Charleston, South Carolina, USA
Meeting Chairs: Scott Harris, HarrisS@cofc.edu; Katie Luciano, LucianoK@dnr.sc.gov
[www.geosociety.org/se-mtg](http://www.geosociety.org/se-mtg)

**Cordilleran**
15–17 May
Portland, Oregon, USA
Meeting Chairs: Martin Streck, streckm@pdx.edu; Jim O’Connor, oconnor@usgs.gov
[www.geosociety.org/cd-mtg](http://www.geosociety.org/cd-mtg)

Thank You 2018 GeoCorps™ America Participants, Partners, and Donors!

Thank You 2018 Geoscientists-in-the-Parks Participants, Partners, and Donors!

Upcoming Award Deadlines

2018–2019 Richard H. Jahns Distinguished Lecturer

Scientific Division Awards

GSA Fellowship

2019 Graduate Student Research Grants

Minority-Serving Institution Travel Awards

2018–2019 GSA-USGS Congressional Science Fellow Announced

GSA Division Milestone

Preliminary Announcement and Call for Papers: GSA Cordilleran Section Meeting

Call for Applications: 2019–2020 GSA-USGS Congressional Science Fellow

Geoscience Jobs & Opportunities

GSA Foundation Update

Call for Proposals: GSA 2019 Annual Meeting & Exposition
Thank You

2018 GeoCorps™ America Participants, Partners, and Donors

GeoCorps provides paid geoscience opportunities in partnership with government agencies and other organizations committed to science and stewardship, including the Bureau of Land Management (BLM) and the USDA Forest Service. All levels of geoscientists—students, educators, professionals, retirees, and others—are encouraged to apply. Opportunities for spring/summer 2019 will be posted online and open for applications at the beginning of December 2018.

www.geosociety.org/geocorps
2018 Participants

BUREAU OF LAND MANAGEMENT
BLM Arizona Strip District
Samuel Fixler

BLM Royal Gorge Field Office
James Pike
Amber Sanderson
Sandra Waresak

BLM Washington Office
Brianna Hill

BUREAU OF LAND MANAGEMENT
DIRECT HIRE AUTHORITY
BLM Casper Field Office
Deandra De Los Santos

BLM Nevada State Office
Ronald Navarro

BLM Rock Springs Field Office
Olivia Boudette

BLM Royal Gorge Field Office
Samuel Marolt

BLM Wyoming State Office
Erin Walter

BLM Wyoming State Office—National
Minerals Testing Lab
Bart Cubrich

USDA FOREST SERVICE (USFS)
Custer Gallatin National Forest
Jenna Kaplan

Dakota Prairie Grasslands
Supervisor's Office
Christine Gardner

Huron-Manistee National Forests
Sarah Meyer
Jennifer Pitcher

Lincoln National Forest

Edward Fordham
Aria Mildice
Bailey Ohlson

Minerals and Geology Management
Phoebe Ferguson

Monongahela National Forest
Lisa Allard

National Forests in Alabama
Simran Arora
Hannah HuHman
Nicole Leach

National Grasslands Visitor Center
Allison Nelson

Nebraska National Forest
Rachel Darata
Maria Peterson
Joshua Wynn

USFS Pacific Southwest Region
Anna Chinchilli

Pike and San Isabel National Forests
Robert James

Plumas National Forest
Hannah Keck

Superior National Forest
Megan Maloney
Cara Piske

Tongass National Forest
Brooke Kubby
Jessica Petty
Spencer Wilbur

Umpqua National Forest
Cole Blasko
Chelsea Foster
Laura Hartman
Lauren Herbine

White River National Forest
Rose Gallo
Rachel Lohse
Thank You
2018 Geoscientists-in-the-Parks Participants, Partners, and Donors!

The National Park Service Geoscientists-in-the-Parks (GIP) program places college students and early career professionals (18–35 years old) in National Park Service units for three months to one year to assist with geology and integrated science projects. This program is a partnership between the National Park Service, the Geological Society of America, and Stewards Individual Placement Program. Opportunities for spring/summer 2019 will be posted online and open for applications at the beginning of December 2018.

www.geosociety.org/gip

Partners and Major Donors to the Geoscientists-in-the-Parks Program

**Partners include**

- National Park Service
- Stewards Individual Placement Program
- Geological Society of America Foundation (GSAF)

**Major donors include**

- Sally Newcomb

**Other funding sources include:**

- Rocky Mountain Conservancy
- Bryce Canyon Natural History Association
- Badlands Natural History Association
- Grand Canyon Association
- Devils Tower Natural History Association
- Shenandoah National Park Trust
- Zion Forever Project
- NPS Intermountain Region
2018 Participants

Agate Fossil Beds National Monument
Jessica De Smet

Alaska Regional Office
Claire Schmidt

Air Resources Division
Munkhzaya Boldbaatar

Amistad National Recreation Area
Cristina Martinez

Assateague Island National Seashore
Krista Noe
Samantha Richards
Caitlyn Sutherlin

Badlands National Park
Holley Flora
Sara Oser
Kyle Radach
Greg Rupp
Kellen Shaver

Bandelier National Monument
Carolina May

Big Bend National Park and Rio Grande
Wild and Scenic River
Emma Hall

Big Thicket National Preserve
Hailey Loken

Biological Resources Division
Nicole Brandt
Maria Caffrey
Parker Hopkins
Allie Petersen
Alexandra Stoneburner

Bryce Canyon National Park
Valerie Fazan
Jesse Gates
Joy Kiefer
Emily Vanlonden

Buffalo National River
Aliera Konett
Hannah Sutcliffe

Cabrillo National Monument
McKenna Pace

Cape Cod National Seashore
Philip Conrad
Shari Rohret

Cape Hatteras National Seashore
Michael Flynn

Capitol Reef National Park
Maleea Ezekiel

Carl Sandburg Home
National Historic Site
Tara Burnett

Central Alaska Network
David Loring Schaible

Central Alaska Network & Wrangell–St. Elias National Park and Preserve
John Sykes

 Chattahoochee River
National Recreation Area
Jordan French
Douglas Jones

Colonial National Historical Park
Jennifer Cramer

Colorado National Monument
Erik Anderson

Congaree National Park
James Collins
Kirin Gay

Coronado National Memorial
Julia Grabowski
Joanna Suteri
Diehl Sillers

Cuyahoga Valley National Park
Catherine Ruhm
Christina Tenison

Death Valley National Park
Scott Williams

Delaware Water Gap National Recreation Area
Ariana Miranda

Denali National Park & Preserve
Madeline Aberg
Hannah Bonner
Felix Bruner
Michael Frothingham
Luke Gersz
Noah Hunt
Merrill Maben
Elizabeth Menezes
Lauren Stollings
Daniel Walsh
Mariana Webb

Devils Tower National Monument
Jordan Kowaleski
Elena McAninch
Maeve Sherry

Fire Island National Seashore
Brianna Valot

Florissant Fossil Beds
National Monument
Ricardo Escobar
Anna Golub
Alyssa Johnson
Karleen Mays
Christa Smithers

Fort Matanzas National Monument
Carol Grady

Fossil Butte National Monument
Marie Jimenez

Gates of the Arctic National Park and Preserve
Max Newton

Geologic Resources Division
Michael Barthelmes
Henry Crawford

Glen Canyon National Recreation Area
Klara Widrig

Grand Canyon National Park
Sarah Ciarrachi
Tessa Corsetti
Desiree Espericueta
Keegan Evans
Aidan Manning
Claire Spangenberg
Natalie Tanski

Grand Teton National Park
Reba McCracken

Great Basin National Park
Ian Brastow
Brenna Rodriguez

Greater Yellowstone I&M Network
Kaci Fitzgibbon

Hot Springs National Park
Kayla Lockmiller
Meg O’Connor
Mary Stack
Erin Young-Dahl

Isle Royale National Park & Keweenaw National Historical Park
Daniel Lizzadro-McPherson

Jewel Cave National Monument
Hunter Klein

John Day Fossil Beds National Monument
Mary Elizabeth Connins
Anne Kort
Sarah Massar
Stephen Morioka
2018 Participants

Joshua Tree National Park
Alaina Tocci
Kaloko-Honokohau National Historical Park
Brianna Lauro
Ashley Pugh
Cole Rankin
Klamath I&M Network
Brian Anschel
Emily Johnson
Austin Smith
Klondike Gold Rush National Historical Park
Bethany Morter
Lake Mead National Recreation Area
Rebecca Humphrey
Dominique Ong
Lake Roosevelt National Recreation Area
& Ice Age Floods National Geologic Trail
Elise Freeman
Lassen Volcanic National Park
Kristen Jurica
Laura Nicholson
Amy Rudko
Lava Beds National Monument
Brian Anschel
Austin Smith
Little Bighorn Battlefield National Monument
Conrad Bekta
Mammoth Cave National Park
Melissa Fry
Manassas National Battlefield Park
Jamie Shinskie
Mesa Verde National Park
Cole Rankin
Angela Yragui
Mount Rainier National Park
Eve Barnett
Katherine Josephine Billings
Joshua Duncan
Hannah Hein
Tara Metzger
Sarah Osgood
Rosemarie Pugh
Logan Raming
Jolene Saldivar
Savannah Sanford
National Capital Parks—East
Margot Nelson
Natural Sounds and Night Skies Division
Dominique Ong
Nathan Tipton
Peri Turk
North Cascades National Park Service Complex
Daniel Markbreiter
Northeast Coastal and Barrier Network
Krista Noe
Caitlyn Sutherlin
Glenn Liu
Olympic National Park
Devon Lynn Dunajski
Morgan Krueger
Oregon Caves National Monument and Preserve
Laurel Cheever
Olivia Patrick
Rocky Mountain National Park
Alyssa Soucy
Collette Wilfong
Saguaro National Park
John He
Courtney King
Eleanor Ludkey
Jessie Pearl
Salinas Pueblo Missions National Monument
Emily Thorpe
Shenandoah National Park
Kendra Bunnell
Lori Gorczynski
Sierra Nevada Network
Isabel Christy
Marisa Monroe
Sierra Nevada Network, Inventory & Monitoring Program
Scott Gilb
Zoe Klein
Southwest Alaska Network
Caleb Pan
Southwest Alaska Network, Inventory & Monitoring Program
Paul Gabriel
Timucuan Ecological and Historic Preserve & Fort Carolina National Memorial
Alberto Alvarado
Kate Henderson
Tule Springs Fossil Beds National Monument
Susan Hertfelder
Urban Ecology Research Learning Alliance
Laura Reynolds
Vicksburg National Military Park
Krista Hardin
Waco Mammoth National Monument
Elizabeth Mizikar
Katherine Turk
Water Resources Division
Maria Caffrey
Tae Wan Kim
Yellowstone National Park
Anna Hafele
Lauren Harrison
Behnaz Hosseini
William Keller
Julia Lafond
Daniel Markbreiter
Claire Morris
Yosemite National Park
Nikita Avdievitch
Zion National Park
Emma Heitmann
The deadline for receipt of all GSA medal, award, and recognition nominations is 1 Feb. 2019.

Upcoming Award Deadlines

For details, see the October *GSA Today* or go to www.geosociety.org/awards/aboutawards.htm. For award nominations, go to www.geosociety.org/awardnoms. You can also email GSA Grants and Awards at awards@geosociety.org.

**2019 GSA Medals and Awards**

**Nomination deadline:** 1 Feb. 2019  
- Penrose Medal  
- Day Medal  
- Young Scientist Award (Donath Medal)  
- GSA Public Service Award  
- Randolph W. “Bill” and Cecile T. Bromery Award for Minorities  
- GSA Distinguished Service Award  
- Doris M. Curtis Outstanding Woman in Science Award  
- Geologic Mapping Award in Honor of Florence Bascom  
- Honorary Fellow

**2019 Post-Doctoral Research Awards**

**Application deadline:** 1 Feb. 2019  
- The Gladys W. Cole Memorial Research Award for research on the geomorphology of semiarid and arid terrains in the United States and Mexico is awarded annually to a GSA member or Fellow between 30 and 65 years of age who has published one or more significant papers on geomorphology.  
- The W. Storrs Cole Memorial Research Award for research on invertebrate micropaleontology is awarded annually to a GSA member or Fellow between 30 and 65 years of age who has published one or more significant papers on micropaleontology. Learn more about these post-doc research awards at www.geosociety.org/GSA/grants/postdoc.aspx.

**AGI AWARDS**

**Nomination deadline:** 1 Feb. 2019  
Submit nominations for the following awards at www.americangeosciences.org/awards.  
- **AGI Medal in Memory of Ian Campbell** recognizes singular performance in and contribution to the profession of geology.  
- **The AGI Marcus Milling Legendary Geoscientist Medal** is given to a recipient with consistent contributions of high-quality scientific achievements and service to the Earth sciences having lasting, historic value; who has been recognized for accomplishments in field(s) of expertise by professional societies, universities, or other organizations; and is a senior scientist nearing completion or has completed full-time regular employment.

For a listing of other national awards and links to information and nomination forms, go to www.geosociety.org/awards/national.htm.
Deborah Green has been named the 2018–2019 Richard H. Jahns Distinguished Lecturer in Applied Geology. The lectureship, established in 1988, is sponsored by the Association of Environmental and Engineering Geologists (AEG) and the GSA Environmental and Engineering Geology Scientific Division. It funds distinguished engineering geologists to present lectures at colleges and universities in order to promote student awareness of applied geology. It is named in honor of Richard H. Jahns (1915–1983), an engineering geologist who had a diverse and distinguished career in academia, consulting, and government.

Born in Queens, New York, USA, Green traveled and camped throughout the United States and Canada with her family during her childhood summers, doing much of her growing up in the National Parks. She now makes her homes in a passive solar adobe house at the north end of the Sandia Mountains in New Mexico and on a sailboat in British Columbia during the summer.

Green’s earth-science–teacher father informally taught her geology on their summer adventures, and she fell in love with it. She holds geology degrees from the University of Rochester and Texas A&M University. She worked as an environmental and engineering geologist for 30 years in more than 35 states, with 20 of those years as a self-employed consultant. Active in the AEG, Green has mentored many young professionals. She also champions the Norman R. Tilford Field Studies scholarships, named in honor of her late husband, an internationally recognized engineering geologist, who died in a small plane crash on his way to lead a student field trip in 1997. The awards provide support to students learning geology in the field.

Having written poetry as a girl, Green rediscovered her love for creative writing after establishing herself in her professional career. As the GeologistWriter, Green strives to understand and convey the wonder of the landscape and the complexity of earth processes while also exploring the mysterious terrain of the human heart and relationships through compelling stories and essays.

Interested institutions can contact Green via http://geologist-writer.com/contact/ to schedule a presentation on one or more of the following topics from now to September 2019. Read more about Green and her writing projects, and find the complete abstracts for the following lectures at http://geologistwriter.com/distinguished-lecturer/.

You Don’t Look Like a Geologist: A Conversation On Diversity (Or the Lack Thereof) in Our Profession

According to recent statistics from the American Geological Institute, at least 40% of geology graduates are women. However, the same report indicates that fewer than 12% of geology graduates identify themselves as belonging to underrepresented minority groups. These statistics will serve as a starting point to talk about why there is so little diversity in our field.

How to Build a Geology Career You Love

From consulting work in small shops to mega companies, to being an in-house geologist for private industry, to staffing regulatory agencies from municipalities to the federal government, to teaching STEM subjects from middle school grades up to the university level—there are myriad possibilities to build a fulfilling career.

A Tale of Two Waste Sites

Once upon a time, a consulting geologist was contracted to evaluate a site for a low-level radioactive waste facility. The geologist’s report summarized the geology and hydrology. He concluded, if operated properly, the site would be safe and effective.

Unfortunately, that ending to the tale was fictional. In the fictional story, the operational constraints outlined by the geologist were not followed, and the facility’s last chapter was written when it was listed as a Superfund site. We’ll talk about how more sites can have happy endings when the tale the geology tells is heeded.

Let’s Talk: A Conversation on How We Communicate about Science

Geologists love to talk with each other about our work, but speaking with those who don’t know or understand our geologic “language” isn’t necessarily comfortable, and doing it well isn’t easy. We need to embrace communicating science well as much as we embrace the work itself. Advocating effectively for our work makes it possible to do more of the science we value, and for society to realize that value. In this presentation, we’ll talk about the challenges of conversing with non-scientists about science, and why we must face those challenges head on.

Always Book a Window Seat: The Lens through Which We View the World as Geologists

The best geologists “read” the landscape, and “geologist” becomes the lens through which they observe the wider world. A sense of curiosity and desire to learn, not just in the classroom or lab or on a job site, but every day, are traits to cultivate. In this presentation, there will be plenty of pictures through a geologist’s lens, and some of the stories those views tell.
Take the lead in applied geosciences

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WWW.UPENN.EDU/MSAG

FIELD GUIDE 51

Ancient Oceans, Orogenic Uplifts, and Glacial Ice: Geologic Crossroads in America's Heartland

Edited by Lee J. Florea

This volume, prepared for the 130th Annual Meeting of the Geological Society of America in Indianapolis, includes compelling science and field trips in Indiana, Illinois, Kentucky, Michigan, and Ohio. A wealth of geologic and human history collides in the Midwest, a confluence that led to the growth of America’s industry over the past two centuries. Guides in this volume depict this development from the establishment of New Harmony, the birthplace of American geology, through the construction of Indianapolis’s modern skyline. Underpinning this growth were the widespread natural resources—limestone, coal, and water—that built, powered, and connected a growing nation. Take a journey through the Heartland to sand dunes, outcrops, quarries, rivers, caves, and springs that connect Paleozoic stratigraphy with the assembly of Gondwana, continental glaciation with Quaternary geomorphology and hydrology, and landscape with the human environment.

FLD051, 434 p., ISBN 9780813700519 | list price $64.00

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www.geosociety.org/gsatoday
SCIENTIFIC DIVISION AWARDS

Congratulations to All 2018 GSA Division Award Recipients!

GSA’s Scientific Division awards presented at this year’s annual meeting are listed below. Learn more about GSA’s Scientific Divisions at www.geosociety.org/divisions.

ENERGY GEOLOGY DIVISION
Gilbert H. Cady Award
Stephen F. Greb, Kentucky Geological Survey
Antoinette Lierman Medlin Research Award
Jacob R Dyson, Southern Illinois University Carbondale
Michael Paul D’Antonio, Stanford University
Libby R.W. Ives, University of Wisconsin–Milwaukee

ENGINEERING AND ENVIRONMENTAL GEOLOGY DIVISION
E.B. Burwell, Jr., Award
Meritorious Service Award
Thad Wasklewicz, East Carolina University
Deborah Green, Tifldorf & Green
Roy J. Shlemon Scholarship Awards
Jon Kenneth Golla, University of New Mexico
Andrew Graber, Colorado School of Mines
Joe Schilter, Central Washington University

GEOARCHAEOLOGY DIVISION
Rip Rapp Archaeological Geology Award
Gary Huckleberry, University of Arizona
Claude C. Albritton, Jr., Memorial Student Research Award
Katelyn McDonough, Texas A&M University
Michael Grooms, University of New Mexico
Richard Hay Student Paper/Poster Award
(to be named)

GEOBIOLOGY & GEOMICROBIOLOGY DIVISION
Outstanding Contributions in Geobiosciences Award—Pre-Tenure
Paula Welander, Stanford University
James Schiffbauer, University of Missouri
Outstanding Contributions in Geobiosciences Award—Post-Tenure
Beth Orcutt, Bigelow Laboratory for Ocean Sciences
Outstanding Contributions in Geobiosciences Award—Distinguished Career
Andrew Knoll, Harvard University

GEOINFORMATICS DIVISION
Outstanding Contributions Award
Stephen M. Richard, Columbia University, Lamont-Doherty Earth Observatory

GEOPHYSICS DIVISION
George P. Woollard Award
Greg Hirth, Brown University

GEOSCIENCE EDUCATION DIVISION
Biggs Award for Excellence in Earth Science Teaching
Nicole LaDue, Northern Illinois University
Iris Moreno Totten Geoscience Education Research Award
Caitlin K. Kirby, Michigan State University

HISTORY AND PHILOSOPHY OF GEOLOGY DIVISION
Mary C. Rabbitt History of Geology Award
William R. Brice, University of Pittsburgh
Gerry and Sue Friedman Award for Distinguished Service
(to be named)

HYDROGEOLOGY DIVISION
O.E. Meinzer Award
Shemin Ge, University of Colorado
Birdsall-Dreiss Distinguished Lecturer (2018)
David Boutt, University of New Mexico
George Burke Maxey Distinguished Service Award
Todd Halihan, Oklahoma State University
Kohout Early Career Award
Scott Jasechko, University of Calgary

LIMNOGEOLOGY DIVISION
Israel C. Russell Award
Sherilyn C. Fritz, University of Nebraska
Kerry Kelts Student Research Awards
Ellie Broadman, Northern Arizona University

MINERALOGY, GEOCHEMISTRY, PETROLOGY, AND VOLCANOLOGY DIVISION
Distinguished Geologic Career Award
Calvin F. Miller, Vanderbilt University
Early Career Award
Christopher W. Hamilton, University of Arizona
MGPV Student Research Grant Award
Fotios Fouskas, Indiana University–Purdue University
  Indianapolis
Jacob Klug, University of Wisconsin–Madison
Bryan Maciag, Dalhousie University
Donald Maute, Texas Tech University
Ezequiel A. Moreno Flores, The University of Texas at El Paso
Hannah Shamloo, Arizona State University

SEDIMENTARY GEOLOGY DIVISION
Laurence L. Sloss Award
Kenneth G. Miller, Rutgers University
Stephen E. Laubach Structural Diagenesis Research Award (Joint with the Structural Geology and Tectonics Division)
William T. Jackson, University of South Alabama

PLANTARY GEOLOGY DIVISION
G.K. Gilbert Award
Jeffrey M. Moore, NASA Ames Research Center
Ronald Greeley Award for Distinguished Service
Kelsi N. Singer, Southwest Research Institute
Stephen E. Dwornik Research Awards
Best Graduate Oral: Xinting Yu, Johns Hopkins University
  Honorable Mention Graduate Oral: Erica Jawin, Brown University
Best Undergraduate Oral: Jordan Bretzfelder, University of Southern California
  Honorable Mention Undergraduate Oral: Aleksandra Gawronska, University of Notre Dame
Best Graduate Poster: Daniel R. Dunlap, Arizona State University
  Honorable Mention Graduate Poster: Ellen Leask, California Institute of Technology
Best Undergraduate Poster: Samuel Cartwright, Middlebury College
  Honorable Mention Undergraduate Poster: Charlene Detelich, North Carolina State University
Pellas-Ryder Award
Emily Worsham, University of Maryland

QUATERNARY GEOLOGY AND GEOMORPHOLOGY DIVISION
Kirk Bryan Award for Research Excellence
Karen B. Gran, University of New Mexico, Noah Finnegan, University of California Santa Cruz, Andrea L. Johnson, University of Minnesota–Duluth, Patrick Belmont, Utah State University, Chad Wittkop, Minnesota State University–Mankato, and Tammy Rittenour, Utah State University: 2013, Landscape evolution, valley excavation, and terrace development following abrupt postglacial base-level fall: Geological Society of America Bulletin, v. 125, no. 11/12, p. 1851–1864.
Distinguished Career Award
Ellen Wohl, Colorado State University
Farouk El-Baz Award for Desert Research
Paul Hesse, Macquarie University, Australia
Gladys W. Cole Research Award
Joan Florsheim, University of California Santa Barbara
GSA Fellowship

Fellowship is an honor that is bestowed on the best of our profession once per year at the spring GSA Council meeting and is recognized at GSA’s Annual Meeting. GSA members are elected to Fellowship in recognition of distinguished contributions to the geosciences. A member can be nominated for Fellowship only by a Fellow of the Society who initiates the process by completing the nomination form and identifying two other Fellows, or one Fellow and one member, who agree to support the nomination. A GSA Fellow may only support two nominees per election cycle and only one as a primary nominator.

How to Nominate

Primary nominator:
1. Completes online nomination form at www.geosociety.org/FellowNoms;
2. Writes a letter of support;
3. Collects two additional letters of support (one must be from a Fellow; both must be GSA members);
4. Obtains nominees’ current CV or résumé; and
5. Submits all documents in one packet to awards@geosociety.org.

2019 Student Research Grants

GSA is proud to offer research grants to its highly qualified student members. Graduate students may receive a total of two GSA graduate student research grants in their entire academic career, regardless of what program they are currently enrolled in. The maximum award per grant is US$2,500. Graduate students may also qualify for specialized awards; if so, the total awarded could be more than US$2,500. Apply online starting 1 Dec. 2018. Submissions must be completed by 1 Feb. 2019 at 5 p.m. MST.

The GSA Graduate Student Research Grant Program is supported by the National Science Foundation under Grant No. 1712071.

For more information, go to www.geosociety.org/grants, email researchgrants@geosociety.org, or call +1-303-357-1025.

Minority-Serving Institution Travel Awards

This year, GSA awarded 10 individuals attending six minority-serving institutions travel grants to attend the GSA 2018 Annual Meeting in Indianapolis, Indiana, USA. The awards support GSA’s commitment to diversity and were offered to help support the participation of faculty and student groups who may not otherwise have been able to attend the meeting. Funding for the awards is based upon work supported by the National Science Foundation under grant no. 1713930.

Brooklyn College
Shannon Brophy
Kayla Irizarry
Alison Rowe

Florida International University
Nicole Cordoba
Allison Huisa
Thomas Zerquera

Jackson State University
Spencer Williams

John A. Logan Community College
Laura O’Connell

University of Houston—Clear Lake
Daniel Imrecke

University of Puerto Rico—Mayagüez
Pricilla Ortiz Carrero
GSA and the U.S. Geological Survey are pleased to announce that Caitlin Keating-Bitonti will serve as the 2018–2019 GSA-USGS Congressional Science Fellow. She will spend a year working in the office of Senator Tom Udall (D-NM).

Keating-Bitonti is an earth scientist with expertise in paleontology. As a native of southeast Michigan, she grew up collecting ancient marine fossils, developing a strong interest in the planet’s history and concern for its future. Pursuing this passion in graduate school, Keating-Bitonti reconstructed ancient climate and ocean conditions, studying microfossil assemblages and their isotopic compositions as a National Science Foundation Graduate Research Fellow. Her research integrates paleontology, geology, oceanography, physiology, and statistical models to examine how ancient marine organisms responded to past environmental perturbations and how these climate shifts shaped their evolutionary history.

Recognizing that the geosciences are a vital public concern but are rarely included in a typical high school curriculum, Keating-Bitonti became committed to geoscience education and outreach. During her graduate career, she mentored more than 10 high school students and teamed with two other graduate students to develop and teach a climate change science course at a preparatory school in Palo Alto, California, USA. After receiving her Ph.D. from Stanford University, Keating-Bitonti joined the Smithsonian National Museum of Natural History as a Peter Buck Postdoctoral Fellow, where she continued her research and also participated in museum outreach. Her time in Washington, D.C., solidified her desire to be involved in the policy-making process and to advocate that our practices and policies be informed by scientific knowledge. She is excited to have the opportunity to serve as the 2018–2019 GSA-USGS Congressional Science Fellow.

Keating-Bitonti earned her B.S. in geology from Syracuse University, her M.S in geology from the University of Wisconsin–Madison, and her Ph.D. in geological and environmental sciences from Stanford University.
Why GSA Membership Is Important
Real Reasons from Real Members*

Access to information and research I wouldn’t get anywhere else, connections to new opportunities, and having a feeling of belonging.

An indispensable source of professional development and career-oriented resources and guidance.

A vibrant and diverse society ensuring that I am always exposed to new innovative ideas from every corner of the globe, which keeps my thought-processes on edge.

A huge part of networking and advancing as a young professional. I have felt supported and challenged by participating in GSA.

Opportunity to connect, reconnect, get inspired, and inspire others.

Being part of a larger community that galvanizes the voice of scientists and helps us share ideas, communicate their findings, interact with the public, and connect with policymakers.

Working in industry, GSA is critical to stay current on research in the geosciences, and GSA provides a “lifeline” to the research community.

*Member quotes are from GSA's Strategic Planning Survey
GSA MEMBERSHIP 2019
www.geosociety.org/members

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LOCATION
Portland, Oregon, USA—the City of Roses—is located in the heart of one of the most dynamic geologic environments in the West, having been affected by megathrust earthquakes, giant flood-basalt eruptions, catastrophic glacial floods, continuing fluvial and hillslope processes, and human influences on the landscape. Founded along the banks of the Columbia and Willamette rivers, Portland is nestled between the magnificent volcanic arc of the Cascade Range to the east and the Coast Range to the west. Building on the exceptional local and regional geological features of the Cordillera, we have devised a diverse program reflecting fundamental and applied aspects across earth-science disciplines.

CALL FOR PAPERS
Abstract deadline: 5 Feb. 2019
Submit abstracts online at www.geosociety.org/cd-mtg. The submission fee is US$18 for students and US$30 for all others. For questions about online submission, please contact Heather Clark, +1-303-357-1018, hclark@geosociety.org.

THEME SESSIONS
In addition to the following Theme Sessions, we are soliciting abstracts for general discipline sessions.

T1. Cordilleran Tectonics from the Basin and Range to Alaska and the Arctic: A Celebration of Elizabeth Miller’s Career (2018 GSA Structure and Tectonics Division Career Contribution Award). Jeff Lee, Central Washington Univ., jeff@geology.cwu.edu; Victoria Pease, Stockholm Univ., vicky.pease@geo.su.se.

T2. Advances in Seismic Hazard Assessment through Paleoseismic and Tectonic Geomorphic Fault Studies: In Honor of Ray J. Weldon II, for His Career and Contributions to the Field. Ashley Streig, Portland State Univ., streig@pdx.edu; Kate Scharer, USGS, kscharer@usgs.gov; Scott Bennett, USGS, sekbennett@usgs.gov.

T3. A Simple Twist of Plate: In Honor of the Career Contributions of the Dynamic Duo—Rick Blakely and Ray Wells—to Understanding Plate Interactions and Deformation in Cascadia. Andrew Meigs, Oregon State Univ., meigsa@geo.oregonstate.edu; Scott Bennett, USGS, sekbennett@usgs.gov; Peter Haeussler, USGS, pheuslr@usgs.gov.

T4. Recent Advances in Cordilleran Tectonic Evolution—1: Paleozoic to Mesozoic. Jamie MacDonald, Florida Gulf Coast Univ., jmacdona@fgcu.edu; Joe Dragovich, Associated Earth Sciences Inc., jdragovich@aesgeo.com; Megan Anderson, Washington Dept. of Natural Resources, megan.anderson@dnr.wa.gov; Peter Davis, Pacific Lutheran Univ., davispb@plu.edu; Jeffrey Tepper, Univ. of Puget Sound, jtepper@pugetsound.edu.

T5. Recent Advances in Cordilleran Tectonic Evolution—2: Cenozoic. Jamie MacDonald, Florida Gulf Coast Univ., jmacdona@fgcu.edu; Joe Dragovich, Associated Earth Sciences Inc., jdragovich@aesgeo.com; Megan Anderson, Washington Dept. of Natural Resources, megan.anderson@dnr.wa.gov; Peter Davis, Pacific Lutheran Univ., davispb@plu.edu; Jeffrey Tepper, Univ. of Puget Sound, jtepper@pugetsound.edu.

T6. Tectonic Development of the Coast Mountains, British Columbia and Alaska. Margi Rusmore, Occidental College, rusmore@oxy.edu; M. Robinson Cecil, CSU–Northridge, robinson.cecil@csun.edu; George Gehrels, Univ. of Arizona, ggehrels@gmail.com; Harold Stowell, Univ. of Alabama, hstowell@ua.edu.

T7. Constraints on Insular Superterrane Collision and Translation: Current Thinking on the Baja-BC Hypothesis. Basil Tikoff, Univ. of Wisconsin, basil@geology.wisc.edu; Darrel S. Cowan, Univ. of Washington, darrel@uw.edu; Paul Umhoefer, Northern Arizona Univ., paul.umhoefer@nau.edu.

T8. Paleogene Tectonic Setting of the Greater Pacific NW before Cascadia: From Sileztia to the Challis Belt. Paul Umhoefer, Northern Arizona Univ., paul.umhoefer@nau.edu; Robert Miller, San José State Univ., robert.b.miller@sjsu.edu; Jeff Tepper, Univ. of Puget Sound, jtepper@pugetsound.edu.

T9. Tectonic Processes in Cordilleran Arcs. Stacia Gordon, Univ. of Nevada–Reno, staciag@unr.edu; Robert Miller, San José State Univ., robert.b.miller@sjsu.edu.
T10. **Crystal Windows into Igneous Processes.** Anne Fulton, Univ. of Oregon, afulton2@uoregon.edu; Michelle Muth, Univ. of Oregon, mmuth@uoregon.edu; Nicole Rocco, Oregon State Univ., rocon@oregonstate.edu.

T11. **Advances in the Formation, Storage, Eruption, and Emplacement of Evolved Magma Bodies.** Madison Myers, Montana State Univ., madison.myers@montana.edu; Laura Waters, Sonoma State Univ., watersla@sonoma.edu; Jim Watkins, Univ. of Oregon, watkins4@uoregon.edu; Nathan Andersen, Univ. of Oregon, nla@uoregon.edu; John Wolff, Washington State Univ., jawolff@wsu.edu.

T12. **Field, Petrological, and Geochemical Constraints on Magmatic Systems in the Cordillera.** Wendy Bohrson, Central Washington Univ., bohrson@geology.cwu.edu; Anita Grunder, Oregon State Univ., grundera@geo.oregonstate.edu.

T13. **The Yellowstone Hotspot Province: Prehistory, Timing, Extent, Volcanic Products, and Hydrothermal Consequences.** Arron Steiner, Washington State Univ., arron@wsu.edu; John Wolff, Washington State Univ., jawolff@wsu.edu; Martin Streck, Portland State Univ., streckm@pdx.edu.

T14. **Magmatism of the Columbia River Flood Basalt Province.** Seth Burgess, USGS, sburgess@usgs.gov; Michael Sawlan, USGS, msawlan@usgs.gov.

T15. **Magmatism in the Cascades: Variations in Space and Time.** Adam Kent, Oregon State Univ., adam.kent@geo.oregonstate.edu; John Dilles, Oregon State Univ., grunderdilles@gmail.com; Anita Grunder, Oregon State Univ., grundera@geo.oregonstate.edu.

T16. **Landscape Evolution and Tectonic Geomorphology in the Greater Pacific Northwest.** Matthew Morriss, Univ. of Oregon, mmorriss9@uoregon.edu; Phil Greene, Univ. of Washington, philip.greene@gmail.com; Will Struble, Univ. of Oregon, wstruble@uoregon.edu; Lydia Staisch, USGS, lstaisch@usgs.gov.

T17. **Landscape Changes at Various Temporal and Spatial Scales.** Allen Gontz, San Diego State Univ., agontz@sdsu.edu; Josh Kelly, San Diego State Univ., jkelly@sdsu.edu.

T18. **Interactions between Water and Volcanic Terranes.** Erick Burns, USGS, eburns@usgs.gov; Gordon Grant, U.S. Forest Service, gordon.grant@oregonstate.edu; Steven Ingebritsen, USGS, seingebr@usgs.gov.

T19. **The Evolution of the Columbia River: Fluvial, Volcanic, and Tectonic Interactions from Miocene to Modern Time.** Lydia Staisch, USGS, lstaisch@usgs.gov; Jim O’Connor, USGS, oconnor@usgs.gov.

T20. **Glaciers of the North American West.** Andrew G. Fountain, Portland State Univ., andrew@pdx.edu; Claire Todd, Pacific Lutheran Univ., toddce@plu.edu; Erin Whorton, USGS, ewhorton@usgs.gov.

T21. **Understanding Sediment Transport Dynamics in Mountain Environments.** Scott W. Anderson, USGS, swanderson@usgs.gov; Kristen Jaeger, USGS, kjaege@usgs.gov.

T22. **New Insights in River Processes and Implications for Floodplain Management and Restoration.** Mackenzie Keith, USGS, mkeith@usgs.gov; Laurel Stratton, USGS, lstratton@usgs.gov.

T23. **Landslides: Hazards and Agents of Landscape Evolution.** Adam Booth, Portland State Univ., boothad@pdx.edu; Susan Shaw, Weyerhaeuser Co., susan.shaw2@weyerhaeuser.com; Dan Shugar, Univ. of Washington–Tacoma, dshugar@uw.edu; Scott Burns, Portland State Univ., burnss@pdx.edu.

T24. **Geologic Maps: Essential Framework Tools Used to Solve Practical Earth Science Problems (Posters).** Jason McCloud, Oregon DOGAMI, jason.mccloud@oregon.gov; Carlie Duda, Oregon DOGAMI, carlie.duda@oregon.gov.

T25. **Geologic Hazards: Hazard Maps, Risk Analysis, and Risk Reduction.** William Burns, Oregon DOGAMI, bill.burns@oregon.gov; Nancy Calhoun, Oregon DOGAMI, nancy.calhoun@oregon.gov; Christina Appleby, Oregon DOGAMI, christina.appleby@oregon.gov.

T26. **Groundwater Resources of Oregon: Celebrating the Scientific Curiosity of Ken Lile and Marshall Gannett.** Esther Pischel, USGS, epischel@usgs.gov; Amanda Garcia, USGS, agarcia@usgs.gov; Walter Burt, GSI Water Solutions, wburt@gsiws.com.

T27. **Hydrogeology of Coastal Basins of the Western United States.** Donald Sweetkind, USGS, dswetkind@usgs.gov; Geoffrey Cromwell, USGS, gromwell@usgs.gov.

T28. **Lakes across the West: Archives of Climate Change and Storehouse of Economic Resources.** Scott W. Stattar, USGS, ssstarrat@usgs.gov.

T29. **Hydrogeology of Springs in the Great Basin.** Hank Johnson, USGS, hjohnson@usgs.gov; Steve Gingerich, USGS, sginger@usgs.gov; Nick Corson-Dosch, USGS, ncorsondosch@usgs.gov.

T30. **Undergraduate Research (Posters).** Jeff Marshall, Cal Poly Pomona, marshall@cpp.edu.

T31. **Hands-On Teaching Demonstrations in Introductory Geoscience Courses: Audience Participation Requested!** Daina Hardisty, Mt. Hood Community College, hardisty@mhcc.edu; Andrew Hilt, Portland Community College, andrew.hilt@pcc.edu; Eriks Puris, Portland Community College, eriks.puris@pcc.edu.

T32. **Where the Next Generation Science Standards Meet Place-Based and Outdoor Learning.** Nancy Price, Portland State Univ., naprice@pdx.edu.

T33. **Geoscience Education Research and Practice.** Robyn Mieko Dahl, Western Washington Univ., robyn.dahl@wwu.edu; Natalie Bursztyn, Quest Univ., natalie.bursztyn@questu.ca; Katrien van der Hoeven Kraft, Whatcom Community College, kkraft@whatcom.edu.

T34. **Keep the Anthropocene Weird: Where Have We Come From, What Are We Doing, and How Will We Proceed?** Sammy Castonguay, Treasure Valley Community College, scastonguay@tvcc.cc.
FIELD TRIPS

Trip registration will open in Feb. 2019. For additional information, please contact Field Trip Chair Jason McClaughry at jason.mclaughry@oregon.gov.

Active Tectonics and Bedrock Geology of the North American Plate at the Latitude of the Columbia River: A Field Trip to Recognize the Contributions of Ray Wells and Rick Blakely—the Dynamic Duo of Pacific Northwest Geology and Geophysics. Andrew Meigs, Oregon State Univ. meiga@geo.oregonstate.edu; Ray E. Wells, USGS, rwells@usgs.gov; Scott Bennett, USGS, sekbennett@usgs.gov.

The Columbia River Basalt in the Western Columbia Basin and Columbia River Gorge. Michael Sawlan, USGS, msawlan@usgs.gov; Ray Wells, USGS, rwells@usgs.gov; Jon Hagstrum, USGS, jhag@usgs.gov; Seth Burgess, USGS, sburgess@usgs.gov.

Volcanism, Sedimentation, and Tectonics in the Hood River Graben: A Pliocene to Quaternary Intra-Are Half Graben in the Northern Oregon Cascade Range. 13–14 May. Jason D. McClaughry, Oregon DOGAMI, jason.mclaughry@oregon.gov; Clark Niewendorp, Oregon DOGAMI.

Flood Basalts, Rhyolites, and Pre- to Postdating Volcanism of the Columbia River Province in Eastern Oregon. Martin J. Streek, Portland State Univ., streekm@pdx.edu; Mark L. Ferens, Eastern Oregon Univ., mferens@eou.edu; Emily Cahoon, Portland State Univ., ecahoon@pdx.edu.

Columbia River Basalt Hydrology and Management Solutions in the Mosier Basin, Oregon. Kenneth E. Lite Jr., Oregon Water Res. Dept., kenneth.e.lite@oregon.gov; Robert B. Perkins, Portland State Univ., rperkins@pdx.edu; Erik A. Thomassser, Oregon Water Res. Dept., erik.a.thomassser@oregon.gov; Jonathan L. LaMarche, Oregon Water Res. Dept., jon.lamarche@oregon.gov; Aurora C. Bouchier, Oregon Water Res. Dept., aurora.c.bouchier@oregon.gov.

Landslides in the Columbia River Gorge. 14 May. William J. Burns, Oregon DOGAMI, bill.burns@oregon.gov; Nancy Calhoun, Oregon DOGAMI, nancy.calhoun@oregon.gov; Trevor Contreras, Washington Geological Survey, trevor.contreras@dnr.wa.gov; Kara Jacobacci, Washington Geological Survey, kara.jacobacci@dnr.wa.gov; Kate Mickelson, Washington Geological Survey, kate.mickelson@dnr.wa.gov; Will Gallin, Washington Geol. Survey, william.gallin@dnr.wa.gov.


Visit to Rice Museum of Rocks and Minerals. Julian Gray, executive director, julian@ricenorthwestmuseum.org; Leslie Molcock, curator, leslie@ricenorthwestmuseum.org.

Terroir of Wine: Relationship of Wine to Soils, Geology, and Climate. Scott Burns, Portland State Univ., burnss@pdx.edu.

SHORT COURSE

Assessing Contaminant Sources and Aquifer Continuity in Soil/Groundwater using Stable Isotopes of Strontium (Sr) and Lead (Pb). Richard W. Hurst, California Lutheran University, rhurst@callutheran.edu.

REGISTRATION

Early registration deadline: 8 Apr. 2019
Cancellation deadline: 15 Apr. 2019
Registration opens in Feb. 2019. For further information or if you need special accommodations, please contact one of the conference chairs: Martin Streek, streekm@pdx.edu, or Jim O’Connor, oconnor@usgs.gov.

ACCOMMODATIONS

A block of rooms has been reserved at the DoubleTree by Hilton at 1000 NE Multnomah St., Portland, OR 97232, a few blocks from the Oregon Convention Center, where the conference will be held. The meeting room rate is US$199 per night plus tax. Reservations can be made at https://doubletree.hilton.com/en/dt/groups/personalized/R/RLLC-DT-MCS-20190513/index.jhtml?WT.mc_id=POG. Reservations can also be made by calling the hotel directly at +1-503-281-6111 or by calling the toll-free reservations hotline at +1-800-996-0510. Please refer to our group code, MCS, when booking rooms.

MENTOR PROGRAMS

Roy J. Shlemon Mentor Program in Applied Geoscience.

Students and early career professionals will have the opportunity to discuss career prospects and challenges with applied geoscientists from various sectors over a FREE lunch.

John Mann Mentors in Applied Hydrogeology Program.

Students and early career professionals interested in applied hydrogeology or hydrology as a career will have the opportunity to network with professionals in these fields over a FREE lunch. Learn more at www.geosociety.org/mentors.

GEOSCIENCE CAREER WORKSHOPS

Part 1: Career Planning and Informational Interviewing. Your job hunting process should begin with career planning, not when you apply to jobs. This workshop will help you begin this process and will introduce you to informational interviewing. This section is highly recommended for freshmen, sophomores, and juniors. The earlier you start your career planning the better.

Part 2: Geoscience Career Exploration. What do geologists in various sectors earn? What do they do? What are the pros and cons to working in academia, government, and industry? Workshop presenters and professionals in the field will address these issues.

Part 3: Cover Letters, Résumés, and CVs. How do you prepare a cover letter? Does your résumé need a good edit? Whether you are currently in the market for a job or not, learn how to prepare the best résumé possible. You will review numerous résumés helping you to learn important résumé dos and don’ts.

ORGANIZING COMMITTEE

Meeting General Chairs: Martin Streek, streekm@pdx.edu; Jim O’Connor, oconnor@usgs.gov

Technical Program Chairs: Matt Brunengo, mbruneng@pdx.edu; Erick Burns, eburns@usgs.gov

Field Trip Chairs: Jason McClaughry, jason.mclaughry@oregon.gov; Clark Niewendorp, clark.niewendorp@oregon.gov; Bob Houston, robert.houston@mlrr.oregongeology.com

Workshop Chair: Frank Granshaw, fgransha@pdx.edu

Student Volunteers, Exhibits: Frank Granshaw, fgransha@pdx.edu

Sponsorship Chair: Scott Burns, burnss@pdx.edu
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candidate who facilitates collaborations, incorporation of seismic data, and analytical or modeling approaches. The successful candidate will address questions related to clastic sedimentation, and establish an internationally recognized research program. We seek a creative individual who has an innovative research program in sedimentary geology and is located in a thriving metropolitan area with a dynamic, multicultural community of over 1 million people. Further information about DGS is available at http://jsg.utexas.edu/dgs. The University of Texas at Austin is an Equal Opportunity Employer with a commitment to diversity at all levels.

Review application requirements and submit electronic copies of these materials online at https://apply.interfolio.com/55030. Applicant review will begin on Nov 1, 2018, and continue until the position is filled.

ENDOWED CHAIR IN SEDIMENTARY GEOLOGY, UNIVERSITY OF TEXAS AT AUSTIN

The Dept. of Geological Sciences in the Jackson School of Geosciences at The University of Texas at Austin is seeking an Endowed Chair in Sedimentary Geology to fill a tenured position at the full professor level. We seek a creative individual who has an innovative research program in sedimentary geology and addresses questions related to clastic sedimentation, dynamic stratigraphy, depositional systems, and basin architecture over geological time scales, with broad dynamic stratigraphy, depositional systems, and basin analysis. The department has one of the largest combined graduate and undergraduate enrollments of any Earth science program in North America and is located in a thriving metropolitan area with a dynamic, multicultural community of over 1 million people. Further information about DGS is available at http://jsg.utexas.edu/dgs. The University of Texas at Austin is an Equal Opportunity Employer with a commitment to diversity at all levels.

Review application requirements and submit electronic copies of these materials online at https://apply.interfolio.com/55028. Applicant review will begin on Nov 1, 2018, and continue until the position is filled.

ASSISTANT PROFESSOR OF GEOLOGY, UNIVERSITY AT BAKERSFIELD

The Dept. of Geological Sciences at California State University, Bakersfield (CSUB) invites applications for a tenure-track Assistant Professor position to start in Fall 2019. We seek a broadly trained geologist with applied research and teaching interests that includes (but are not limited to) hydrogeology, subsurface fluid dynamics, groundwater contamination, and groundwater sustainability. Use of GIS techniques is desirable. Teaching responsibilities will include introductory-level courses, hydrogeology, and upper-level undergraduate and graduate courses in the faculty member's specialty. Review of applications will begin December 1, 2018, and continue until the position is filled. CSUB fosters and appreciates ethnic and cultural diversity among its faculty and students, and is committed to increasing the diversity of its faculty to reflect the diversity of the campus community. Applications from women, ethnic minorities, veterans, and
interests online at http://shsu.peopleadmin.com/postings/20523. Questions regarding the position may be directed to: Dr. Joseph Hill, Search Chair (email: geojoe@shsu.edu; 936-294-1560), Dept. of Geography and Geology, Box 2148, Sam Houston State University, Huntsville, TX 77341-2148.

Applicants selected for the on-campus interview process will be asked to supply transcripts showing appropriate conferred degrees. Official transcripts will be required for appointment.

About SHSU: Sam Houston State University was founded in 1879 and named after Texas’ greatest hero, General Sam Houston. With a total enrollment of approximately 21,000 students, SHSU is classified as a Doctoral Research Institution by the Carnegie Commission on Higher Education and offers 79 undergraduate degree programs, 54 masters programs, and five doctoral programs. The department has approximately 70 geology majors and offers degrees in geology and geoscience. More information is available on the department’s website at www.shsu.edu/~gel_geo.

Sam Houston State University is an Equal Opportunity/Affirmative Action Plan Employer and Smoke/Drug-Free Workplace. All qualified applicants will receive consideration for employment without regard to race, creed, ancestry, marital status, citizenship, disability, sex, national origin, age, veteran status, disability status, sexual orientation, or gender identity. Sam Houston State University is an “at will” employer. Security sensitive positions at SHSU require background checks in accordance with Education Code 51.215.

SEDIMENTARY GEOLOGY, UNIVERSITY OF MEMPHIS
The Dept. of Earth Sciences at the University of Memphis is searching to fill a visiting faculty position in sedimentary geology with emphasis in stratigraphy and paleontology. The position is a 1-semester limited-term appointment to begin on January 14, 2019, with possible renewal for the 2019–2020 academic year. The Dept. of Earth Sciences is an interdisciplinary program in archaeology, geography, and geology that offers B.A., M.A., M.S. and Ph.D. degrees in Earth Sciences.

Applicants must have a Ph.D. from an accredited institution in Earth Sciences, Geology or closely related field at the time of appointment. Applicants must have a demonstrated ability to teach undergraduate and graduate courses in sedimentary geology; publish scholarly research; and foster research opportunities for students. Position responsibilities also include contributing to departmental service needs and conducting outreach activities.

Applicants are expected to effectively teach multiple subjects in sedimentary geology and have excellent written and verbal communication skills.

Applicants must submit their application through https://workforum.memphis.edu/. Click on the full-time faculty menu to find the visiting faculty position in Earth Sciences posting. Applications must include a letter detailing personal qualifications and experience related to the position, a comprehensive curriculum vita, copies or links to at least two peer-reviewed publications, and the full names and contact information (the address, phone number, and email address) of three professional referees. Screening of applications will begin November 10, 2018, and may continue until the position is filled. For additional information visit www.memphis.edu/positions. Please contact Dr. Dan Larsen (dlarsen@memphis.edu) if you have any questions.

We will contact qualified applicants to arrange to meet at the GSA Annual Meeting in Indianapolis.

The University of Memphis is an affirmative action, equal opportunity employer.

TENURE-TRACK ASSISTANT PROFESSORS, CLIMATE SCIENCE, UNIVERSITY OF ROCHESTER
The Dept. of Earth and Environmental Sciences at the University of Rochester will be hiring two tenure-track Assistant Professors in the general fields of Climate Science and Surface Processes/Geomorphology. While the department welcomes all applicants whose research lies in these general fields, we are particularly interested in candidates who bridge Solid Earth and Climate Science disciplines. In Surface Processes/Geomorphology, we encourage interdisciplinary applicants who focus on the critical zone between solid Earth systems and the Earth’s fluid envelopes. In Climate Science, we encourage applicants whose research focusses on the Carbon Cycle with emphasis on stabilizing atmospheric greenhouse gas concentrations, terrestrial carbon-climate feedbacks, linkages between carbon and other biogeochemical cycles, and connections between physical climate processes and carbon dynamics. The start dates of the positions are July 1, 2020 and 2021. We are interested in dynamic researchers and educators who can establish an externally funded, internationally recognized research program. See http://www.ees.rochester.edu for more information about the EES Department.

The University of Rochester is a highly ranked research university, and the Rochester area’s cultural, educational, and recreational assets frequently place it among the best places to live, work, and raise a family in the United States. Applicants should submit materials via: https://www.rochester.edu/faculty-recruiting. Materials include a curriculum vitae, select reprints, statements of research and teaching goals, and the names and contact information of four references. The review of applications will begin December 20, 2018, and will continue until the positions are filled. The University of Rochester has a strong commitment to principles of diversity and, in that spirit, actively encourages applications from groups underrepresented in higher education. EOE/Minorities/Females/Protected Veterans/Disables.

ASSISTANT OR ASSOCIATE PROFESSOR IN GEOSCIENCE, HYDROGEOLOGY, UNIVERSITY OF WISCONSIN, MADISON
The Dept. of Geoscience invites applications for a tenure-track Assistant Professor in the area of hydrogeology. In the case of advanced achievement, hiring at the rank of Associate Professor will be considered. Research areas of interest include (but are not limited to): reactive transport and subsurface biogeochemical processes; use of novel observational tools for addressing groundwater issues (e.g., remote
sensing, isotopic tracers, hydrogeophysics); interactions between groundwater and other components of the hydrologic cycle (surface water, oceans, glaciers, biota); interactions between groundwater and energy systems (e.g., methane, geothermal); and interactions between groundwater and climate change. We are especially interested in candidates whose research implements some combination of field, laboratory and modeling approaches.

The successful applicant will be expected to contribute to the research and teaching mission of the Department through the development of a vibrant, internationally recognized and externally funded research program, and through teaching courses at the undergraduate and graduate levels. We are particularly interested in candidates who can contribute to an inclusive environment, bring new perspectives on mentoring and educating students from diverse backgrounds, and propel novel approaches to research. Teaching responsibilities may include introductory geoscience courses for undergraduates as well as upper level undergraduate and graduate level courses related to the candidate’s specialty. We aim to add new faculty who value collegiality and collaboration in both research and teaching.

Applicants must have a Ph.D. in Geoscience or a related field at the time of appointment, and must demonstrate potential for excellence in both research and teaching. Applicants should submit a letter, curriculum vitae, the names and contact information of three references, and a document containing a set of three statements discussing 1) research, 2) teaching, and 3) contributions to diversity and inclusion, respectively. These materials must be submitted as one document online at: http://jobs.wisc.edu (search for PVL 96018). The appointment may begin as early as August 19, 2019. Review of applications will begin on November 30, 2018, and continue until the position is filled. For further information or questions, please contact Professor Michael Cardiff, Chair of the Search Committee at: cardiff@wisc.edu. The University of Wisconsin-Madison is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Representatives from UW-Madison will be available to talk with potential applicants in November at the 2018 GSA Annual Meeting in Indianapolis. For additional information, please see http://jobs.hr.wisc.edu/cw/en-us/job/499241/.

ONE-YEAR FELLOW SEDIMENTARY SYSTEMS, COLBY COLLEGE

The Colby College Dept. of Geology invites applications for a one-year faculty fellow specializing in sedimentology and stratigraphy or a related field to begin September 1, 2019. The successful candidate will teach a sophomore-level undergraduate course in sedimentary processes and stratigraphy, as well as introductory geology laboratories and possibly an introductory non-majors course. Ideal candidates will be able to offer field trips to examine sedimentary rocks and/or sedimentary environments in the northeast USA or adjacent Canada. The successful candidate also will have access to instrumentation and facilities in the Dept. of Geology for research and teaching. These include a powder-XRD, micro-XRF, SEM-EDS, CHN/SO Elemental Analyzer, petrographic microscopes, sediment-sieving equipment, rock cutting and powdering equipment, and thin-section-making equipment. The search committee is especially interested in candidates with a demonstrated ability to teach and advise a diverse student population. A Ph.D. at the time of appointment is preferred, but ABD candidates will be considered.

Complete applications will include a brief cover letter, curriculum vitae, statement of teaching philosophy, and three letters of recommendation. Please submit all materials via Interfolio at: apply.interfolio.com/55080. Applications received by January 7, 2019, will receive full consideration, but applications will be reviewed until the position is filled. Inquiries may also be directed to sedstrat19@colby.edu.

Colby is a private, coeducational liberal arts college that admits students and makes employment decisions on the basis of the individual’s qualifications to contribute to Colby’s educational objectives and institutional needs. Colby College does not discriminate on the basis of race, color, gender, sexual orientation, gender identity or expression, disability, religion, ancestry or national origin, age, marital status, genetic information, or veteran’s status in employment or in our educational programs. Colby is an Equal Opportunity employer, committed to excellence through diversity, and encourages applications from qualified persons of color, women, persons with disabilities, military veterans and members of other under-represented groups. Colby complies with Title IX, which prohibits discrimination on the basis of sex in an institution’s education programs and activities. Questions regarding Title IX may be referred to Colby’s Title IX Coordinator or to the federal Office of Civil Rights. For more information about the College, please visit our website: www.colby.edu.

FACULTY POSITION ORGANIC BIOGEOCHEMISTRY, AUBURN UNIVERSITY

As part of a larger investment to create a new Science of Living System Initiative, the Dept. of Geosciences at Auburn University invites applications for a new tenure-track Assistant Professor position in Organic Biogeochemistry, beginning in the Fall Semester 2019. Applicants are expected to hold a Ph.D. in geosciences or a related field at the time employment begins. Specialties may include, but are not limited to: 1) investigating biogeochemical processes occurring at or near the Earth’s surface across the broad spectrum of interfaces ranging in scale from global to molecular; 2) the role of life in the transformation and evolution of Earth’s biogeochemical cycles; 3) surface biogeochemical systems and cycles, including their modification through climate change and human activities; 4) mineralogy and biogeochemistry of earth materials; 5) geochemistry and biomineralization processes and their applications in environmental remediation; and 6) environmental health related to air, soil, and water pollution. We seek a dynamic individual who will play a leadership role in propelling our new interdisciplinary Earth System Science PhD Program. Collaborative research programs that are regional or global in scope are currently active with faculty in the College of Sciences and Mathematics, School of Forestry and Wildlife Science, College of Engineering, and College of Agriculture. New faculty with expertise in Organic Biogeochemistry will complement the University’s considerable existing expertise in the areas of hydrogeology, climate change/ paleoclimate sciences, environmental geochemistry, and sedimentary geology. The successful candidate is expected to develop a vigorous, externally funded research program, publish scholarly work, and advise graduate and undergraduate students. The successful candidate will have duties that include teaching graduate and undergraduate courses based on his/her expertise. The candidate selected for this position must meet eligibility requirements to work in the United States on the date the appointment is scheduled to begin (August 2019) and must be able to continue working legally for the proposed term of employment. The candidate must possess excellent written and interpersonal communication skills.

Applications must include curriculum vitae, letter of application describing professional experience, research and teaching interests, copies of official transcripts, and the names and contact information of three professional references. To apply please go to http://aufacultypositions.peopleadmin.com/postings/3076, complete the online form and upload the required application documents.

Applicants are encouraged to visit the AU website to learn more about Auburn University and Geosciences program http://www.auburn.edu/academic/cosam/. Review of applications will begin December 7th, 2018 and will continue until a candidate accepts appointment.

Auburn University is an EEO/Vet/Disability employer.

ASSISTANT PROFESSOR OF GEOLOGY, UTAH VALLEY UNIVERSITY

The Department of Earth Science at Utah Valley University invites applications for a tenure-track assistant professor position in geology, to begin August 2019. In our broad network of talented candidates, we seek a committed educator with expertise in geoscience education, a proven record of effective pedagogy, and a passion for teaching lower-division Earth science courses. Expertise in applied geophysics and/or engineering geology is a plus but is not required. The successful candidate must have a Ph.D. in geology or a closely related field at the time of appointment. Responsibilities will include: 1) designing and teaching introductory-level Earth science courses using various delivery methods (i.e., face-to-face, flipped, hybrid, and online courses); 2) assisting other faculty in designing courses and in developing learning activities that follow sound pedagogical principles; 3) supervising undergraduate research (in science education and/or a geological discipline); and 4) service to the institution. Other possible responsibilities may include participation in our multi-instructor summer field geology capstone course, development of new upper division course(s) in the successful applicant’s area of expertise, and coordination of curricula design among full-time faculty and adjunct instructors. A
strong commitment to an evidence-based approach to teaching and to undergraduate research are necessary.

For more information, please see https://www.uvu.edu/earthscience/ or contact the search committee co-chairs Alessandro Zanazzi (alessandro.zanazzi@uvu.edu) and Michael Stearns (mstearns@uvu.edu). For those attending, we will meet with potential candidates at the 2018 GSA Annual Meeting in Indianapolis and at the 2018 AGU Fall Meeting in Washington DC.

To apply, please visit http://www.uvu.jobs/postings/3018. Application review deadline: 1/7/19.

Utah Valley University is an Equal Opportunity Employer/Veterans/Disabled/Equal Access Employer. Utah Valley University is committed to an inclusive hiring process and the welcoming of diverse candidates.

**TENURE-TRACK ASSISTANT PROFESSOR CHEMICAL, BIOGEOCHEMISTRY, THE UNIVERSITY OF TEXAS ARLINGTON**

The Dept. of Earth and Environmental Sciences at The University of Texas Arlington invites applications for a tenure-track faculty position in broadly construed areas related to environmental biogeochemistry at the level of Assistant Professor. Faculty candidates for higher ranks with exceptional track records will also be considered. We seek a broadly-trained biogeochemist who complements the interdisciplinary nature of our geology and environmental science programs. While candidates from all sub-disciplines of earth and environmental sciences are encouraged to apply, we are particularly interested in candidates with expertise in analytical biogeochemistry, biogeochemical data mining, climate and biogeochemical dynamical or statistical modeling, or the exposome. Opportunities for collaboration exist with departmental research groups (https://www.uta.edu/ees/) and other research groups of data science, analytical chemistry, ecology, and genomics in the College of Science. Our geochemistry analytical strengths include the on-campus Shimadzu Laboratory for Research Technologies (http://www.uta.edu/sirt/).

Applicants should have a doctoral degree in earth and environmental sciences or a related field. Successful candidates are expected to demonstrate a commitment to diversity and equity in education through their scholarship, teaching, and/or service. We are deeply committed to increasing diversity and especially encourage applications from women and minority scholars.

Review of applications will begin immediately and continue until the position is filled. For full consideration, applications should be submitted by November 16th, 2018. Applicants must apply online at https://uta.peopleadmin.com/postings/7068. A complete application includes: 1) curriculum vitae, 2) summary of current and proposed research (max. two pages), 3) statement of teaching interests (max. one page), and 4) names and email addresses of three references. Question regarding this position may be directed via email to Dr. Max Hu, Search Committee Chair (maxhu@uta.edu) or Dr. Arne Winguth, Department Chair (ajwinguth@uta.edu).

As an equal employment opportunity and affirmative action employer, it is the policy of The University of Texas Arlington to promote and ensure equal employment opportunity for all individuals without regard to race, color, religion, sex, national origin, age, sexual orientation, gender identity, disability, or veteran status.

**PALEONTOLOGY AND HISTORICAL GEOLOGY, FULL-TIME LECTURER (NON-TENURE-TRACK), TUFTS UNIVERSITY**

Tufts University invites applications for a full-time lecturer in the Dept. of Earth and Ocean Sciences to begin September 1st 2019. This position is for a 1-year initial contract with possibility of continued renewal of multiyear contracts, and it is included in the union for full-time lecturers (Service Employees International Union). The lecturer will teach courses in Paleontology, Historical Geology, their specialty (with a preference for Geographic Information Systems), and labs for other introductory courses that include afternoon field trips. Earth and Ocean Sciences is an undergraduate-only program offering degrees in Environmental Geology and Geological Sciences. Full details and application materials via Interfolio at https://apply.interfolio.com/53715.

**BATEMAN POSTDOCTORAL FELLOWSHIP, DEPT. OF GEOLOGY & GEOPHYSICS, YALE UNIVERSITY**

The Dept. of Geology and Geophysics at Yale University (http://geology.yale.edu) announces an annual competition for a Bateman Postdoctoral Fellowship. We welcome applicants with research interests across the full range of disciplines within earth and planetary sciences, including studies of geophysics, planetary sciences, tectonics, oceans, atmosphere, climate dynamics, geochemistry, paleoclimatology, geobiology, and the evolution of life. The Postdoctoral Associate position is awarded for two years, providing a stipend ($60,000/yr) and base research funds ($5,000/yr), plus health care benefits and limited expenses for relocation. Applicants should contact a sponsor in the Department to discuss potential research projects, and then submit a short (2-3 page) statement of research interests and proposed research, a curriculum vitae with a full list of publications, an endorsement letter from the sponsoring faculty member, and three confidential letters of reference. Applications should be submitted online at http://apply.interfolio.com/54659.

The deadline for receipt of all application materials is December 15, 2018, and successful candidates are expected to begin their program at Yale between July 1 and December 31, 2019. Yale University is an Affirmative Action/Equal Opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.

**TWO-YEAR TEACHING POST-DOCTORAL POSITION, MINERALOGY/PETROLOGY, DEPAUW UNIVERSITY**

DePauw University invites applications for a two-year teaching post-doctoral position in the Dept. of Geosciences beginning August 2019. We are seeking a broadly-trained geoscientist with specialties in Mineralogy and/or Petrology to complement our existing strengths in sedimentology/stratigraphy, structural geology/tectonics, and environmental geoscience. Candidates should demonstrate the potential to be an outstanding teacher in the liberal arts context, an active scholar in their field, and a contributor to a vibrant, student-centered curriculum in the Department and the University. Evidence of effective and inclusive pedagogy is essential.

Ideal candidates will have the desire and the ability to teach courses at all levels of the curriculum, including first-year seminars, and to provide a balance of classroom, laboratory, field and research experiences for our students. Candidates should have broad interests beyond their specialty. We are especially seeking a person who can develop and teach environmentally-themed courses for both majors and non-majors. The teaching assignment for this position is two lab courses and one non-lab course per year. Candidates are encouraged to maintain a productive research program that involves undergraduate students.

The successful candidate will have access to the full range of available faculty development opportunities including teaching, writing, speaking and critical thinking workshops, funding for research and travel to professional conferences, mentoring by current faculty members, and summer stipends for course development or research with students. Department funds are available to support course-related field trips during the academic year and field-based courses during our January and May terms.

Candidates should submit the following material through Interfolio (http://apply.interfolio.com/54222): a cover letter, curriculum vitae, one-page teaching philosophy, one-page summary of research interests, graduate transcripts, and three letters of recommendation. In their application materials, candidates should demonstrate a commitment to fostering an engagement with a diversity of ideas and experiences both in the classroom and at the University. Review of applications will begin on October 22, 2018 and will continue until the position is filled. We will meet with selected candidates, if attending, at the 2018 GSA Annual Meeting in Indianapolis, November 5-7, 2018. Questions may be directed to the search committee chair, Dr. Frederick M. Soster, at fsoster@depauw.edu.

DePauw University is an equal opportunity/affirmative action employer; women, members of underrepresented groups, and persons with disabilities are encouraged to apply.

**ASSISTANT PROFESSOR, SOLID EARTH GEOPHYSICS, OREGON STATE UNIVERSITY**

The College of Earth, Ocean, and Atmospheric Sciences (CEOAS) at Oregon State University in Corvallis, Oregon invites applications for an early career geophysicist with a research focus in at least one of the following areas: near-surface/environmental geophysics, crust and mantle processes, tectonics, volcanology, marine geophysics, hydrogeophysics, natural hazard characterization and mitigation, and natural resource exploration. The successful candidate will be a field-oriented colleague who has a deep understanding of the underlying geological and physical principles. This is a full-time (nine-month) tenure track assistant professor anticipated to begin September 2019. Duties...
include teaching lower- and upper-division courses in the undergraduate Earth Sciences program, graduate courses in their specialty, and to mentor undergraduate and graduate students. The successful candidate is also expected to develop a vibrant, externally funded research program and to provide service to the College and University. Requirements include a Ph.D by the start of employment in Geophysics, Geology, or a closely related discipline and the ability to contribute to teaching excellence. Preference will be given to candidates with a demonstrable commitment to promoting and enhancing diversity. To review the complete announcement and to submit application documents see https://jobs.oregonstate.edu/posting/402426U.F. For full consideration apply by December 1, 2018.

ASSISTANT PROFESSOR OF GEO SCIENCES, SMITH COLLEGE

The Dept. of Geosciences at Smith College invites applications for a tenure-track position at the rank of Assistant Professor, to begin July 1, 2019. Candidates should have a strong foundation in “hard rock” geology, and we are especially interested in applicants with expertise in and/or who can teach courses in mineral resources and sustainability. Teaching responsibilities for this position will regularly include mineralogy and petrology, and other courses in the candidate’s field of specialization. The successful candidate is also expected to establish an active research program and to engage undergraduate students in their scholarship. A Ph.D. in Geosciences is expected by the time of appointment. Candidates from groups underrepresented in STEM are strongly encouraged to apply. Details about the Dept. of Geosciences may be found at https://www.smith.edu/academics/geosciences. For more information and to apply, visit https://apply.interfolio.com/53297. Review of applications will begin on November 1. We will accept applications until December 10, 2018. EO/AA/Vet/ Disability Employer.

TENURE-TRACK ASSISTANT PROFESSOR POSITION, WESTERN WASHINGTON UNIVERSITY

The Dept. of Physics/Astronomy and the Geology Dept. at Western Washington University invite applications for a tenure-track assistant professor of planetary science position, split evenly between both departments with Physics/Astronomy as the administrative home department, starting September 2019. Applications must hold a Ph.D in geophysics, physics, geology, astronomy or closely related field by time of appointment.

A successful applicant will be expected to pursue an externally-supported research program in planetary science that will actively involve undergraduates in research. Candidates will be evaluated based on their potential to establish a vigorous externally funded research program, publish scholarly work, mentor graduate students, and to teach at the undergraduate and graduate levels, including a junior-senior level physical hydrogeology course.

Candidates will be evaluated based on their potential to establish a vigorous externally funded research program, publish scholarly work, mentor graduate students, and to teach at the undergraduate and graduate levels, including a junior-senior level physical hydrogeology course.

Research on fresh water resources is a strategic focus at WVU, as demonstrated by a newly established interdisciplinary Institute of Water Security and Science (iWSS) at WVU (https://iwws.wvu.edu/), a National Science Foundation funded multi-state Appalachian Freshwater Initiative (https://iwws.wvu.edu/), and many other water focus areas located in WVU colleges and centers. WVU (http://www.wvu.edu) is a comprehensive land-grant university that enrolls 29,000 students. It is classified as “highest research activity” by the Carnegie Foundation. WVU is located in Morgantown (https://www.morgantownwv.gov/), ranked as a most preferred small city in America. The immediate region has a diverse population of about 200,000 residents. The community lies within a high technol-
ogy corridor that includes several federal research facilities, as well as resource-based industries. The city is readily accessible to Pittsburgh and Washington, DC.

To apply for this position, visit https://careers.wvu.edu, navigate to the position title listed above, and submit (1) a single PDF file including a statement of research interests, a statement of teaching philosophy, and a current curriculum vitae; (2) a list of names and e-mail addresses for at least three individuals who can provide prompt letters of recommendation; and (3) pdf files of up to four publications.

Review of applications will commence on December 3, 2018 and continue until the position is filled. For additional information, please see http://pages.geo.wvu.edu/hydrogeo or contact search chair Steve Kite at steve.kite@mail.wvu.edu. WVU is an EEO/Affirmative Action Employer and welcomes applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans.

ASSISTANT PROFESSOR (TENURE TRACK), MINERALOGY AND GEOCHEMISTRY, DARTMOUTH COLLEGE

The Dept. of Earth Sciences at Dartmouth College invites applications for a tenure-track assistant professor of mineralogy and geochemistry. Particular attention will be given to candidates with research interests in applied mineralogy related to mineral-microbe or water-rock interactions. We are especially interested in candidates who focus on understanding fundamental processes through a state-of-the-art field and laboratory research program that provides synergy with existing research activities within the department and elsewhere at Dartmouth, including the Department’s core research areas: earth and planetary evolution, surface processes, and ice and climate systems. The successful candidate will continue Dartmouth’s strong traditions in graduate and undergraduate research and teaching. Teaching responsibilities consist of three courses spread over four ten-week terms. One or more of these courses will have a core focus on the fundamentals of mineralogy.

The Dept. of Earth Sciences is home to 11 tenured and tenure-track faculty members in the School of Arts and Sciences and enjoys strong Ph.D. and M.S. programs and outstanding undergraduate majors. To create an atmosphere supportive of research, Dartmouth College offers new faculty members grants for research-related expenses, a quarter of sabbatical leave for each three academic years in residence, and flexible scheduling of teaching responsibilities. Dartmouth College has undergraduate and graduate student populations that are diverse by many measures. We seek applicants with a record of successful teaching and mentoring of students from all backgrounds (including first-generation college students, low-income students, racial and ethnic minorities, women, LGBTQ, etc.). Dartmouth provides opportunities to participate in undergraduate diversity initiatives in STEM research, such as our Women in Science Program, E. E. Just STEM Scholars Program, and Academic Summer Undergraduate Research Experience (ASURE).

To learn more about Dartmouth College and the Dept. of Earth Sciences, visit http://www.dartmouth.edu/~earthsci

To submit an application, upload a cover letter, curriculum vitae, statements of teaching and research interests and objectives, reprints or preprints of up to three(3) of your most significant publications, and the name, address (including street address), e-mail address and fax/phone numbers of at least three(3) references to: http://apply.interfolio.com/53423

Application review will begin November 1, 2018 and continue until the position is filled. Applicants must hold a Ph.D or be ABD with degree anticipated by July 1, 2019.

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, marital status, or any other legally protected status. Applications by members of all underrepresented groups are encouraged.

Opportunities for Students

Graduate Student Opportunities at Case Western Reserve University. Students with backgrounds in geology, physics, chemistry, biology, engineering, and related fields are encouraged to apply for our Ph.D. and MS programs in Earth, Environmental, and Planetary Sciences. Areas of active research in the Department include planetary geology and geodynamics, planetary materials, high-pressure mineral physics and geochemistry, core and mantle processes, sedimentary geology, and sediment transport. For more information, please visit http://eeps.case.edu or write to eeps-gradinfo@case.edu. Financial assistance is available. Application deadline: 1/15/2019.

Graduate Student Positions at Clemson University. Clemson University Dept. of Environmental Engineer and Earth Sciences seeks enthusiastic students interested in pursuing a Ph.D. in the areas of tectonics, sediment transport and applied geochronology. The ideal candidates will possess a M.S. in geology. A strong foundation and prior research in the above-mentioned areas of interest along with statistical analysis would be beneficial. Possible research topics include, but are not limited to, provenance analysis of Cenozoic continent-scale fluvial systems and Pliocene–Pleistocene loess in North and South America. Outstanding applicants will be offered support in the form of a research and/or teaching assistantship. Students offered an assistantship are expected to start Fall 2019. Interested geoscientists should contact Dr. Alex Pullen (apullen@clemson.edu; https://www.clemson.edu/cecas/departments/eesc/people/facultydirectory/pullen.html) to discuss opportunities.

Graduate Research Opportunities at Purdue. The Dept. of Earth, Atmospheric, and Planetary Sciences (EAPS) at Purdue University is looking for enthusiastic and self-motivated graduate students for a variety of research projects in Geology and Geo-physics, and Planetary, Environmental, and Atmospheric Sciences. As a multidisciplinary department within the College of Science, EAPS draws students from a variety of STEM backgrounds. We offer 4 years of guaranteed financial support and a variety of fellowships. Students with demonstrated academic and research excellence are invited to explore funded opportunities at http://www.eaps.purdue.edu/gradresearch. Come see our booth at GSA and AGU.
Support Field Camp Scholarships and Impact the Geosciences—GSAF’s Year-End Giving Campaign

Do you want to make a lasting impact upon a student’s life—and upon the geosciences? While the end of the year is a busy time for many of us, it affords a chance to give thanks for the opportunities we have received, consider the lasting impact we wish to make, and determine how best to facilitate that desire philanthropically. The Geological Society of America Foundation will kick off its annual year-end giving campaign on #GivingTuesday, 27 Nov., and we invite you to join us in sustaining and expanding field experiences for aspiring geoscientists.

Fieldwork is a crucial element to geoscience education—just ask Ángel García, visiting assistant instructor at James Madison University and a 2018 GSA/ExxonMobil Bighorn Basin Field Award recipient. Ángel recounts that he first discovered his passion for the geosciences “when my introductory geology professor brought us to a cave in the town of Morovis, Puerto Rico.” That initial experience sparked Ángel’s interest in karst geology, and after finishing his undergraduate degree, he decided to pursue graduate studies in this area.

Ángel’s most recent field experience was at the Bighorn Basin Field Seminar, which he found incredibly impactful: “I had the chance to learn from experts in the field of geology exploration some of the methods and field training required in this discipline. Besides that, the chance to network with folks from industry was amazing. Additionally, it gave me a different perspective on industry careers. I feel that I am more prepared to advise my future students if they want to pursue a career in geology exploration.” In reflecting upon his experiences, Ángel believes that all students should engage in some form of fieldwork, noting that it is “so important for all of us in the geosciences at any stage of our career.”

Finally, Ángel is particularly thankful to GSA. From attending his first annual meeting as a 2015 On To the Future participant, to moving into a leadership role in the geoscience community, GSA has provided important experiences and space for him to grow professionally, and most importantly, “has constantly supported me along the way. This kind of support is something that I have not found in other professional associations.”

There are two ways to support field experiences through the GSA Foundation. The Field Camp Opportunities Fund was created to facilitate GSA’s ongoing mission to support students seeking to hone their skills and discover their scientific passions by providing them with financial resources to pursue various field camp opportunities. The Petroleum Geoscientists Fund for Undergraduate Field Experience and Research is a grassroots initiative by a dedicated group of energy industry geoscientists to provide undergraduate students with an opportunity to learn the skills necessary to contribute meaningfully to corporate and industry efforts.

Make your gift today! You can give online at gsafweb.org/donate, or to discuss in-depth ways that you can support field camp scholarships, please contact Debbie Marcinkowski at +1-303-357-1047 or dmarcinkowski@geosociety.org.

Ángel García at the Bighorn Basin Field Seminar.
West Virginia is a state full of intriguing geology. With a sedimentary record of the entire Paleozoic Era within its irregular borders, it features the tilted landscape of the Appalachian Plateau, the severely deformed layers of the Valley and Ridge Province, and the Great Valley of the Blue Ridge Province. Continents colliding along the eastern coast of North America built huge mountains that shed sediment into a shallow inland sea to the west. Thick wedges of sandstone, shale, and limestone piled up, all folded by later collisions to the east. The result: some incredibly beautiful geology.

Put Your Annual Meeting Presentation to Work

Your well-received technical presentation at the GSA Annual Meeting can go far. Submit a manuscript to one of GSA’s top-rated journals. Or, if you have a whole session’s worth of great papers, consider submitting a book proposal.

With six journals and three book series, GSA has a range of publication outlets to meet your needs for speed of publication, article size, targeted collections, and distribution. Author information can be found at www.geosociety.org/AuthorInfo.

For details on submitting to any of these publications, contact us at editing@geosociety.org.
Call for Field Trip, Short Course, and Technical Session Proposals

It's already time to plan for our 2019 Annual Meeting in Phoenix, Arizona, USA. Help ensure that your area of research and expertise is represented at next year’s annual meeting. Any individual or geoscience organization is welcome to submit proposals. The proposal form is online at www.geosociety.org/amnext.

Show the geology by leading a Scientific Field Trip.

**Field Trip proposal deadline:** 3 Dec. 2018

Trips can be anywhere from a half day to five days long. Field trip proposals may be submitted by any member of GSA, its affiliated societies, or anyone else.

Exchange the geology by organizing and chairing a Technical Session.

**Technical Session deadline:** 1 Feb. 2019

Proposals are being taken for both Pardee Keynote and Topical Sessions.

Share the geology as an instructor through a Short Course.

**Short Course proposal deadline:** 1 Feb. 2019

Courses run the Friday and Saturday before the Annual Meeting and are typically a half day to two full days.
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