

On the Critical Importance of the U.S.-led Scientific Ocean Drilling

July 8th, 2022

Director, Dr. Sethuraman Panchanathan (spanchan@nsf.gov)
National Science Foundation

CC: Assistant Director, Geosciences Directorate, Dr. Alexandra R. Isern (aisern@nsf.gov)
Division Director, Ocean Sciences, Dr. Terrence M. Quinn (tquinn@nsf.gov)
Section Head, Ocean Sciences, Integrative Programs, Mr. Bauke H. Houtman (bhoutman@nsf.gov)
Chair, US-SODA, Dr. Anthony A.P. Koppers (anthony.koppers@oregonstate.edu)

Dear Dr. Panchanathan,

We are a self-organized group of graduate students, post-doctoral researchers, and other early career scientists writing to express our concern regarding the future of NSF funding for U.S. scientific ocean drilling (SciOD). Over the past five decades, SciOD has led to tremendous advancements and substantial breakthroughs in Earth science. For many of us, the discoveries enabled by SciOD were what first inspired us to become Earth and ocean scientists. We are motivated by what remains to be discovered, as described in the [*2050 Scientific Framework: Exploring Earth by Scientific Ocean Drilling*](#) and are alarmed by what the potential termination of NSF support for U.S. SciOD would mean for (1) the advancement of Earth science, (2) the United States' position as a leader in this science, (3) our ability to help society prepare for the future effects of climate change and natural hazards, and (4) the educational potential of SciOD to inspire future generations of scientists.

SciOD has played a central role in shaping our understanding of the Earth system, and the success of previous and current SciOD programs is firmly established. These programs have allowed us to push the boundary of knowledge on many frontiers as evidenced by numerous discoveries and accomplishments, including verifying plate tectonics, providing detailed records of global climate change, establishing the field of paleoceanography, characterizing fault zones that result in megathrust earthquakes, and enabling the discovery of a seafloor microbiome that contributes to the cycling of much of the planet's carbon. How many other mysteries do the oceans hold that will remain undiscovered without SciOD?

SciOD has far-reaching implications for both science and society. This research program is especially relevant now given the pressing climate challenges facing our planet, manifested by extreme weather events, ice-sheet melting, sea-level rise, ocean acidification, and ecosystem changes. SciOD represents a unique opportunity to tackle these issues by providing access to long term and high resolution climate archives that are otherwise inaccessible. Beyond climate, SciOD provides critical information on natural hazards that enriches our understanding of their underlying mechanisms, allowing us to better predict the rate and magnitude of future occurrences. All of these issues have direct and monumental societal impacts.

In addition to contributing to the advancement of science and achieving societal goals, we view SciOD as a valuable educational tool with great potential to inspire and train the next generation of U.S. scientists. Many of us have sailed aboard the *JOIDES Resolution* or participated in the workshops and meetings IODP hosts, and we can attest to the critical role these opportunities have played in enabling us to conduct impactful research, effectively communicate science, and develop a variety of skills. Thus, SciOD represents a platform to train a competitive U.S. workforce, broaden access to science, and engage students from historically marginalized groups, as well as students from smaller universities and community colleagues. We can not overstate how detrimental the termination of NSF support for U.S. SciOD would be for future generations of scientists and society as a whole, in both the loss of opportunity and the loss of critical knowledge of our Earth system.

Importantly, what we have highlighted in this letter represents only a small proportion of what SciOD is capable of providing. Rather than terminating funding for such a successful program, we hope that **NSF will fund a newly built, U.S.-led, globally ranging vessel with a design tailored to meet the [Science Mission Requirements](#)**. The new vessel would revolutionize Earth and ocean sciences, allowing us to take deeper cores and drill in extreme environments, such as the currently inaccessible polar regions. The proposed new vessel would also recover higher quality cores that would allow us to make new discoveries, posing U.S. scientists to successfully tackle pressing questions in Earth science. While building a new drillship can take up to a decade, continuing SciOD in the interim period is critical. We thus would like to ask **NSF to also support the 2024–2028 bridging program by extending the funding for the *JOIDES Resolution*** during these pivotal transition years. The hiatus that would occur if NSF decided to divest from this essential research program would mean that we risk losing irreplaceable expertise in our workforce if existing knowledge is not passed on, which would make restarting such a large and sophisticated research program in the future nearly impossible.

We, early career scientists, would like to express our strong support for a U.S.-led SciOD program. The support of the scientific community for funding SciOD is evident by the **208** scientists, engineers, and educators who have signed this letter, representing **17** countries from **98** different institutions and universities. Importantly, **177** of the signees are based in the United States. While we are aware that funding decisions are difficult, supporting a U.S.-led SciOD program directly speaks to the NSF's values by making the U.S. "*A nation that leads the world in science and engineering research and innovation, to the benefit of all, without barriers to participation,*" as highlighted in the [NSF 2022–2026 Strategic Plan](#). Supporting SciOD will advance the progress of science, maintain the U.S. in a leadership role, train the next generation of scientists, and provide an opportunity to broaden access to science and engage students from historically marginalized groups. There is no more critical time than now to support such a crucial program.

Sincerely,

Mohammed Hashim, Ph.D.

Postdoctoral Scholar, Woods Hole Oceanographic Institution
Sedimentary Geochemistry

Anya Hess

Doctoral Candidate, Rutgers, the State University of New Jersey
Paleoceanography and Paleoclimatology

Ronnakrit Rattanasriampaipong

Doctoral Candidate, Texas A&M University
Paleoceanography and Paleoclimatology/Organic Geochemistry

Basia Marcks

Doctoral Candidate, University of Rhode Island
Marine Geology/Biogeochemistry

Shu Ying Wee

Doctoral Candidate, Texas A&M University
Seafloor and Subseafloor Microbiology

On behalf of graduate students, post-doctoral researchers, and other early career scientists who have read, endorsed, and signed this letter. Signatures were collected **from June 17th to July 8th, 2022** via a [Google Form survey](#).

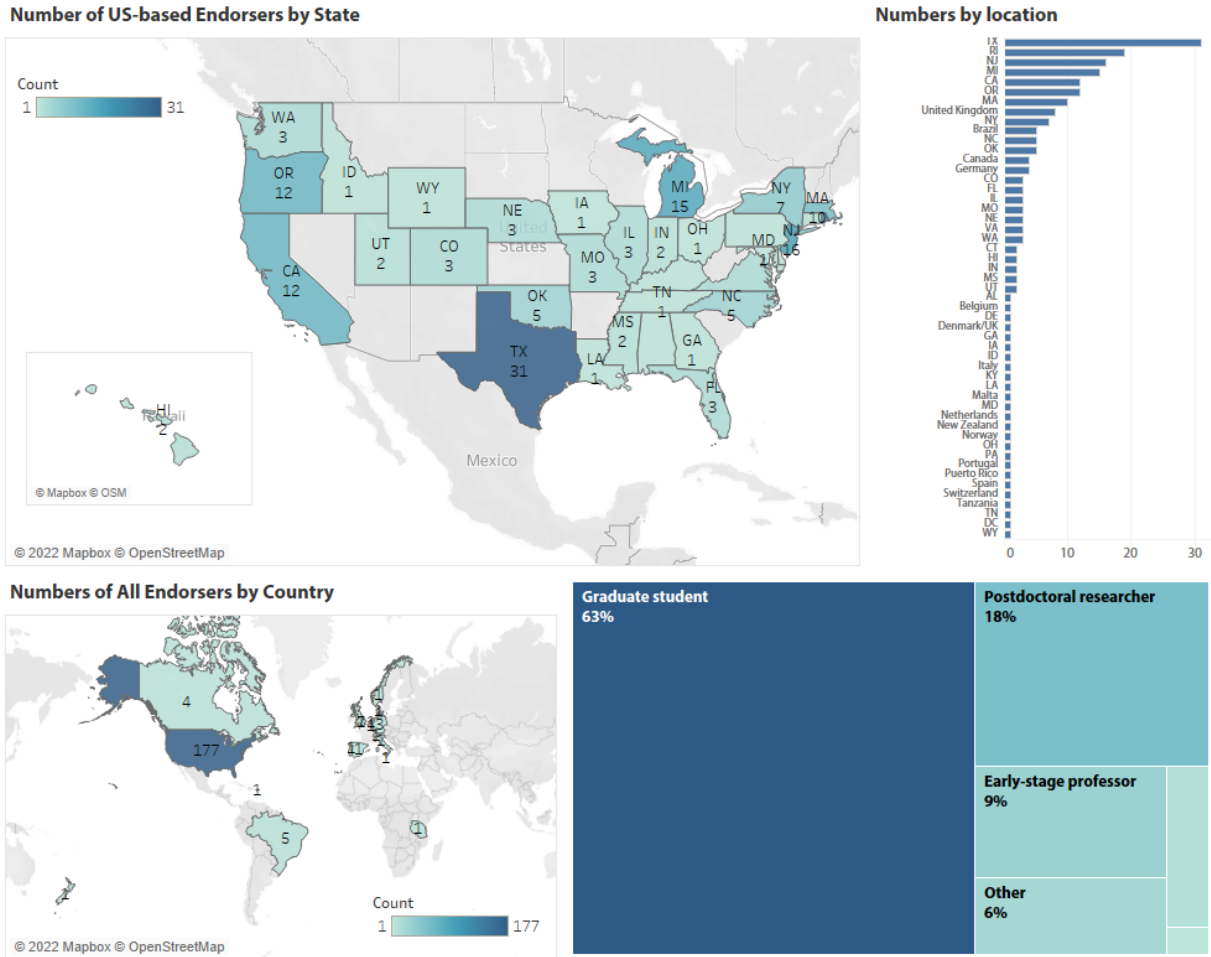


Fig. 1 A [Summary Dashboard](#) Of The Signees By State, Country, And Career Stage.

A full list of endorsers are presented in alphabetical order hereunder:

John O. Ajayi

Graduate Student, University of Connecticut
Organic Geochemistry

Sajjad Akam, Ph.D.

Postdoctoral researcher, Iowa State University
Sedimentary Geochemistry/Biogeochemistry

Madelyn Akers

Graduate Student, Texas A&M University
Ocean Science and Technology

Marwan Alhinaai

Undergraduate Student, Western Michigan University
Sedimentary Geochemistry

Harry Allbrook

Graduate Student, Institute of Arctic and Alpine
 Research (INSTAAR), University of Colorado Boulder
Organic Geochemistry

Alyssa Alsante

Graduate Student, Texas A&M University
Biological Oceanography

Lloyd Anderson

Graduate Student, Lamont-Doherty Earth Observatory of
 Columbia University
Paleoceanography and Paleoclimatology

Jamie Asan

Undergraduate Student, Queens College, City University
 of New York
Earth and Environmental Sciences

Jeanine Ash, Ph.D.

Research Scientist, Rice University
Biogeochemistry

Alexandra Auderset, Ph.D.

Postdoctoral Researcher, Princeton University
Paleoceanography/Sediment Organic Geochemistry

Irita Aylward

Graduate Student, University of Washington, Seattle
Pore Water Geochemistry

Alan Baxter, Ph.D.

Research Associate, University of Ottawa, Canada
Marine Geology/Tectonics

Danielle Marie Becker

Graduate Student, University of Rhode Island
Marine Biology

Sarah Beethe

Graduate Student, Oregon State University
Geochronology/Igneous Petrology

Mathilde Bélair

Graduate Student, University of Montreal, Canada
Aquatic Biogeochemistry

Katherine Bell

Graduate Student, University of Rhode Island
Sediment Biogeochemistry

Dailson José Bertassoli Jr., Ph.D.

Postdoctoral Researcher, University of São Paulo, Brazil
Paleoclimatology/Organic Geochemistry

Or M. Bialik, Ph.D.

Postdoctoral Researcher, University of Malta
Sedimentology/Geochemistry/Paleoceanography

Samantha Bova, Ph.D.

Assistant Professor, San Diego State University
Paleoceanography and Paleoclimatology

Melissa Doyle Boyd

Graduate Student, Rutgers University
Sedimentary Geochemistry

David Brankovits, Ph.D.

Postdoctoral Research, Consiglio Nazionale delle
Ricerche – Istituto di Ricerca Sulle Acque
(CNR–IRSA; Water Research Institute), Italy
Marine Geochemistry

Imogen Browne

Graduate Student, University of South Florida
Paleoceanography and Paleoclimatology

Reid Ezekiel Buskirk

Graduate Student, Texas A&M University
Aqueous Geochemistry

Julia Campbell

Graduate Student, University of Michigan
Paleoclimatology

Daniel Campos

Graduate Student, The University of Texas at Austin
Thermochronology

Hannah Carney

Graduate Student, San Diego State University
Sedimentary Geochemistry

Alejandra Cartagena-Sierra

Graduate Student, University of Notre Dame
Organic Geochemistry

Alice Carter-Champion, Ph.D.

Postdoctoral Researcher, Aarhus University, Denmark
Paleoceanography

Keyi Cheng

Graduate Student, Michigan State University
Paleoceanography and Paleoclimatology

Zakiya Chikwendu

Graduate Student, Rutgers University
Paleontology

Vincent Clementi

Graduate Student, Rutgers University
*Sediment–Pore Fluid Geochemistry/Paleoceanography
and Paleoclimatology*

Jason James Coenen, Ph.D.

Postdoctoral Researcher, University of Nebraska-Lincoln
Diatom micropaleontologist

Grant Colip

Graduate Student, North Carolina State University
Paleoclimatology/Sedimentology

Michael Comas

Graduate Student, University of Houston
Physical Sedimentology

Margaret Conley

Graduate Student, Oregon State University
Estuarine Oceanography

Julia Criscione

Graduate Student, Rutgers University
Paleontology

Jose Cuevas

Graduate Student, Boston College
Marine Biogeochemistry

Peter Davidson

Graduate Student, Oregon State University
Geochronology

Catherine Davis, Ph.D.

Assistant Professor, North Carolina State University
Paleoceanography

Sara De Caroli

Graduate Student, Cardiff University, UK
Structural Geology

Christine de Silva

Graduate Student, University of Rhode Island
Deep Sea Biology

Bruna de Jesus Silva

Graduate Student, University of São Paulo, Brazil
Paleoclimatology/Micropaleontology

Bruna Borba Dias, Ph.D.

Postdoctoral Researcher, University of São Paulo, Brazil
Paleoceanography

Thiago Pereira dos Santos, Ph.D.

Postdoctoral Researcher, Universidade Federal
Fluminense, Brazil
Paleoceanography and Paleoclimatology

Isabel Dove

Graduate Student, University of Rhode Island
Paleoceanography

Anna Joy Drury, Ph.D.

Postdoctoral Researcher, University College London,
UK
*Paleoceanography and Paleoclimatology/Sedimentary
Geochemistry/Stratigraphy and Geological Time Scales*

Xiaojing Du, Ph.D.

Postdoctoral Researcher, Brown University
Paleoceanography and Paleoclimatology

Deepa Dwyer

Graduate Student, Oregon State University
Paleomagnetism/Paleoclimate

Eric Elias

Graduate Student, University of Dar es Salaam, Tanzania
Isotope Geochemistry/Basin Analysis/Paleoclimate

Sara ElShafie, Ph.D.

Science Storytelling Coach/Global Change Biologist,
Science Through Story, LLC
Paleoclimatology/Paleoecology/Science Communication

Hannah Epstein

Graduate Student, University of Rhode Island
Coastal and Open Ocean Modeling

James Michael Fiorendino

Graduate Student, Texas A&M University
Biological Oceanography

Trenity Ford

Graduate Student, Oklahoma State University
Paleontology/Paleoceanography

Heather Furlong

Graduate Student, Northern Illinois University
Antarctic Paleoclimate

Mariya Galochkina

Graduate Student, MIT/WHOI Joint Program in
Oceanography
Paleoceanography and Paleoclimatology

Joshua Garber

Graduate Student, Virginia Institute of Marine Science
Harmful Algal Bloom (HAB) Toxins

Daniel Gebregiorgis, Ph.D.

Assistant Professor, Georgia State University
Paleoceanography and Paleoclimatology

Ersegun Deniz Gedikli

Assistant Professor, University of Hawai`i at Manoa
Ocean Engineering

Layla Ghazi

Graduate Student, Oregon State University
Biogeochemistry/Chemical Oceanography

Ryan Glaubke

Graduate Student, Rutgers University
Paleoceanography and Paleoclimatology

Michael Gray

Graduate Student, North Carolina State University
Physical Oceanography

Nicole Greco

Graduate Student, University of Florida
Sedimentology

Cedric Hagen, Ph.D.

Postdoctoral Researcher, Princeton University
Stratigraphy/Paleoclimatology

Brynnnydd Hamilton

Graduate Student, MIT/WHOI Joint Program in Physical
Oceanography
Paleoceanography and Paleoclimatology

Dustin T. Harper, Ph.D.

Postdoctoral Researcher, University of Utah
Paleoceanography and Paleoclimatology

Amanda Hartstein

Graduate Student, University of Nebraska-Lincoln
Carbonate Sedimentology

Nicholas Hawco, Ph.D.

Assistant Professor, University of Hawai`i at Manoa
Chemical Oceanography

Tyler Hayduk

Graduate Student, San Diego State University
Paleoclimatology

Lauren Haygood

Graduate Student, Oklahoma State University
Biogeochemistry

Sara Hayes

Graduate Student, Western Michigan University
Carbonate Geochemistry

Laura Haynes, Ph.D.

Assistant Professor, Vassar College
Paleoceanography

Megan Heins

Graduate Student, University of Nebraska-Lincoln
Micropaleontology/Sedimentology

Matthew Hemenway

Senior Geologist, Premier Oilfield Group
Sedimentology/Stratigraphy

Jordon Hemingway, Ph.D.

Assistant Professor, Geological Institute at ETH Zürich,
Switzerland
Geochemistry

Lisa Herbert, Ph.D.

Postdoctoral Researcher, Rutgers University
Sediment Biogeochemistry

Saray Valdez Hernandez

Graduate Student, Oregon State University
Paleoclimate

Sophia Hines, Ph.D.

Assistant Scientist, Woods Hole Oceanographic
Institution (WHOI)
Paleoceanography

Katharina Hochmuth, Ph.D.

Postdoctoral Researcher, University of Leicester, UK
Marine Geophysics/sediment physics

Colleen Hoffman, Ph.D.

Postdoctoral Researcher, University of Washington
Low-Temperature Geochemistry

Charlie Holmes

Graduate Student, Texas A&M University
Geomicrobiology

Kira Louise Homola, Ph.D.

Postdoctoral Researcher, University of California, Los
Angeles
Biogeochemistry

Thomas Howe

Senior Geosciences Specialist, Western Michigan
University
Hydrogeology

Hunter Passman Hughes

Graduate Student, University of North Carolina at
Chapel Hill
Paleoclimatology

Matthew Hunt

Graduate Student, Queen's University Belfast, UK
Paleoceanography and Paleoclimatology

Brittany Hupp, Ph.D.

Assistant Professor, George Mason University
Sedimentary Geochemistry/Paleoceanography

Jack A. Hutchings, Ph.D.

Researcher, Washington University in St. Louis
Organic Geochemistry

Daniel Enrique Ibarra

Assistant Professor, Brown University
Paleoclimatology

Miquela Ingalls, Ph.D.

Assistant Professor, Pennsylvania State University
Carbonate Geochemistry/Geobiology

Nil Irvali, Ph.D.

Research Scientist, University of Bergen, Norway
Paleoceanography

Debadrita Jana

Graduate Student, Rice University
Paleoceanography

Ryan Jardee

Undergraduate Student, University of Wyoming
Petroleum and Chemical Engineering

Claire Jasper

Graduate Student, Lamont-Doherty Earth Observatory of
Columbia University
Paleoceanography and Paleoclimatology

Issac Sujay Anand John Jayachandran

Graduate Student, Texas A&M University
Digital Sedimentology

Colin Jones, Ph.D.

Habitat Assessment & Monitoring Coordinator,
Tillamook Estuaries Partnership
Paleoceanography and Paleoclimatology

Stephen Emil Kaczmarek, Ph.D.

Associate Professor, Western Michigan University
Sedimentary Petrology/Geochemistry

Nancy Karas

Graduate Student, San Diego State University
Geochemistry

Emma Kast, Ph.D.

Postdoctoral Researcher, University of Cambridge, UK
Paleoceanography/Biogeochemistry

Ankita Katkar

Graduate Student, Mississippi State University
Paleoceanography

Samuel Katz

Graduate Student, University of Rhode Island
Environmental Organic Chemistry

Ronan Keating

Graduate Student, Rutgers University
Paleoclimatology

Bradley Keith

Graduate Student, San Diego State University
Paleoceanography

Preston Cosslett Kemeny

Graduate Student, California Institute of Technology
Isotope Geochemistry

Bumsoo Kim

Graduate Student, Texas A&M University
Organic Geochemistry/Paleoceanography

Yerim Kim

Graduate Student, Texas A&M University
Chemical Oceanography

Daniel King

Graduate Student, Victoria University of Wellington,
New Zealand
Paleoceanography and Paleoclimatology

Laurin Kolb

Graduate Student, University of Heidelberg, Germany
Palynology

Alec Krueger

Graduate Student, Texas A&M University
Chemical Oceanography

Ellen Laaker

Graduate Student, Texas A&M University
Sedimentary Geochemistry

Jessica Labonté, Ph.D.

Assistant Professor, Texas A&M University at Galveston
Geomicrobiology

Ellen Lalk

Graduate Student, Massachusetts Institute of Technology
Geochemistry

Adriane R. Lam, Ph.D.

Assistant Professor, Binghamton University
Paleontology/Paleoceanography

Vera J. Lawson

Graduate Student, Rutgers University
Paleoceanography and Paleoclimatology

Danielle E. LeBlanc

Graduate Student, Boston College
Paleoceanography and Paleoclimatology

Charles Tyler Lewis

Graduate Student, Oregon State University
Volcanological and Magnetic Processes

Shihan Li

Graduate Student, Texas A&M University
Geochemistry

Kuan-Yu Lin

Graduate Student, University of Delaware
Petrology/Geochemistry

Garrett W. Link

Graduate Student, Western Michigan University
Contaminant Hydrogeology

Rebecca Lippitt

Graduate Student, University of Rhode Island
Igneous petrology/Geochemistry

Xiaoqing Liu

Graduate Student, Texas A&M University
Paleoceanography and Paleoclimatology

Christopher Lowery, Ph.D.

Research Associate, Institute for Geophysics, The
University of Texas at Austin
Paleoceanography

Cameron J. Manche, Ph.D.

Postdoctoral Researcher, Texas A&M University
Sedimentary Petrology

Ariel S. Martin

Graduate Student, Western Michigan University
Geochemistry

Renê Hamada Magalhães

Graduate Student, University of São Paulo, Brazil
Paleoclimatology/Sedimentology

Alessandro Mauceri

Graduate Student, Washington University in St. Louis
Paleoclimatology/Organic Geochemistry

Rodolfo Uranga Moran

Graduate Student, University of Barcelona, Spain
Marine Geology

Lindsey Monito

Graduate Student, Oregon State University
*Paleoceanography and Paleoclimatology/
Paleomagnetism/Environmental Magnetism*

Miguel Moravec

Graduate Student, Vanderbilt University
Civil and Environmental Engineering

Lindsay Mossa

Education Specialist, American Geosciences Institute
Science Education

Nicole Mucci

Graduate Student, University of Rhode Island
Biogeochemistry

Aldiyar Mukhatzhanov

Graduate Student, Rutgers University
Marine Geology

Megan Mullis, Ph.D.

Laboratory Supervisor, Massachusetts Department of
Public Health
Microbiology

Evangelia Murgia

Graduate Student, Western Michigan University
Hydrogeology

Gemakrisindo Naa

Graduate Student, Western Michigan University
Geosciences

Fawz Naim

Graduate Student, Ohio State University
Downhole Measurements (Well logging)

Emily Nicholson

Graduate Student, Rutgers University
Paleoceanography and Paleoclimatology

Jared Nirenberg

Graduate Student, Brown University
Paleoceanography/Organic Geochemistry

Gael Nkwain

Graduate Student, Texas A&M University
Paleoceanography and Paleoclimatology

Joseph Mayala Nsingi

Graduate Student, Montclair State University
Paleoclimatology/Geochemistry

Tia Ogus

Graduate Student, North Carolina State University
Marine Geochemistry

Oghalomeno Ononeme

Graduate Student, Oklahoma State University
Micropaleontology

Elizabeth Padilla-Crespo, Ph.D.

Assistant Professor, Inter American University of Puerto
Rico-Aguadilla, Puerto Rico
Microbiology

Hannah Pankratz, Ph.D.

Postdoctoral Researcher, the University of Alabama in
Huntsville
Geological Hazards

Chanho Park

Graduate Student, Western Michigan University
Environmental Geophysics

Ross Parnell-Turner, Ph.D.

Assistant Professor, Scripps Institution of Oceanography,
University of California, San Diego
Marine Geophysics

Lizethe Pendleton

Graduate Student, University of Utah
Environmental Microbiology

Brennan Phillips, Ph.D.

Assistant Professor, University of Rhode Island
Ocean Engineering/Geochemistry/Geophysics

Joshua Pi

Graduate Student, University of Rhode Island
Ocean Ecogeochemistry

Tainã Marcos Lima Pinho

Graduate Student, Alfred Wegener Institute, Germany
Paleoceanography and Paleoclimatology

Loic Piret

Graduate Student, Ghent University, Belgium
Glacial Sedimentology

Bryan Plankenhorn

Graduate Student, University of Rhode Island
Biological Oceanography

Jonas Preine

Graduate Student, University of Hamburg, Germany
Marine Volcanology

Call Madison Provenza

Graduate Student, American Geophysical Union (AGU)
Voices for Science Cohort member
Geochemistry

Ellie Pryor

Graduate Student, Cardiff University
Paleoceanography and Paleoclimatology

Sangeetha Puthigai

Graduate Student, Texas A&M University
Chemical Oceanography

Munira Raji, Ph.D.

Postdoctoral Researcher, University of Hull, United
Kingdom
*Geochemistry/Science Policy and Sustainable
Geoscience*

Brendan Reilly, Ph.D.

Postdoctoral Researcher, Scripps Institution of
Oceanography, University of California, San Diego
Paleoceanography/Paleomagnetism

Alex J. Reis

Graduate Student, University of Kentucky
Stable Isotope Geochemistry

Heather Renyck

Educator, Bolivar-Richburg High School
Science Education

Hailey Riechelson

Graduate Student, Rutgers University
Paleoclimatology

Philip Riekenberg, Ph.D.

Postdoctoral researcher, NIOZ Royal Netherlands
Institute for Sea Research, the Netherlands
Biogeochemistry

Molly Robinson

Graduate Student, University of Rhode Island
Paleoceanography

Viviane dos Santos Rocha

Graduate Student, Northern Illinois University
Paleoceanography and Paleoclimatology

Sara Morgado Rodrigues, Ph.D.

Postdoctoral Researcher, Royal Holloway University of
London, Portugal
Marine Geology/Sedimentology/Paleoceanography

Richard Rosas

Graduate Student, Texas A&M University
Oceanography

Katharine G. Rose

Graduate Student, Mississippi State University
Diagenetic Geochemistry

Joshua H. Rosenfeld, Ph.D.

Independent Geologist
Geosciences

Valerie Rountree, Ph.D.

Assistant Professor, University of Redlands
Climate and Energy Studies

Jarunetr Nadia Sae-Lim

Graduate Student, Washington University in St. Louis
Paleoclimatology

Zulqarnain Sajid, Ph.D.

Independent Researcher
Sedimentary Geochemistry/Paleoclimatology

Silas Adeoluwa Samuel

Graduate Student, Oklahoma State University
Geology/Geophysics

Danielle Schimmenti

Graduate Student, Texas A&M University
Paleoceanography and Paleoclimatology

Dylan Schlichting

Graduate Student, Texas A&M University
Ocean Modeling

Ashley Scott

Graduate Student, Western Michigan University
Carbonate Sedimentology

Rosie Sheward, Ph.D.

Postdoctoral Research, Goethe-Universität Frankfurt am
Main, Germany
Micropaleontology/Paleoecology/Paleoceanography

Stéphanie Shousha, Ph.D.

Postdoctoral Researcher, University of Montreal, Canada
Aquatic Biogeochemistry

Weimin Si, Ph.D.

Postdoctoral Researcher, Brown University
Paleoceanography and Paleoclimatology

Elizabeth Sibert, Ph.D.

Postdoctoral Researcher, Yale University
Paleoceanography/Micropaleontology

Aidan Starr, Ph.D.

Postdoctoral Researcher, Rutgers University
Paleoceanography and Paleoclimatology

Maya Stefanelli

Graduate Student, Rutgers University
Paleoceanography

Ioana C. Stefanescu, Ph.D.

Postdoctoral Researcher, University of Wyoming
Paleoclimate

Kirsten Steinke

Graduate Student, Oregon State University
Zooplankton Ecology

Emma Strand

Graduate Student, University of Rhode Island
Marine Biology

Adam Subhas, Ph.D.

Assistant Scientist, Woods Hole Oceanographic
Institution
Biogeochemistry

Anne Tamalavage, Ph.D.

Postdoctoral Researcher, University of Montreal, Canada
Paleoceanography/Sediment Organic Geochemistry

Alexandria Thompson

Graduate Student, Oregon State University
Paleoceanography and Paleoclimatology

Leah Travis-Taylor

Graduate Student, The University of Massachusetts
Amherst
Paleoclimatology

Victoria Treadaway, Ph.D.

Postdoctoral Researcher, University of Miami
Chemical Oceanography

Neal S. Turluck

Self-employed Petroleum Producer
Sedimentology/Geophysics/Hydrology

Kyle J. Turner

Research Associate, City College of New York
Ocean Biogeochemistry

Loes van Dam

Graduate Student, University of Rhode Island
Geodynamics

Tim van Peer, Ph.D.

Postdoctoral Researcher, University College London,
UK
Paleoclimatology

Mirko Alessandro Uy

Graduate Student, University of Notre Dame
Paleoceanography and Paleoclimatology

Natalie Varela

Graduate Student, Virginia Polytechnic Institute and
State University (Virginia Tech)
Sedimentology/Paleoceanography

Nathan Vinhateiro, Ph.D.

Associate Research Professor, University of Rhode
Island
Coastal Geology/Paleoclimatology

Donovan Vitale

Laboratory Assistant, Western Michigan University
Geophysics

Courtney L. Wagner, Ph.D.

Postdoctoral Researcher, Smithsonian Institution
National Museum of Natural History
Biogeomagnetism

Taylor Walton

Graduate Student, University of Washington, Seattle
Sediment Biogeochemistry

Yi Wang, Ph.D.

Postdoctoral Researcher, Woods Hole Oceanographic
Institution
*Sedimentary Geochemistry/Paleoceanography and
Paleoclimatology*

Jacob P. Warner, Ph.D.

Postdoctoral Researcher, University of Louisiana at
Lafayette
Paleoclimatology

Nicholas Wellbrock

Graduate Student, Texas A&M University
Marine Geology

Olivia Williams

Graduate Student, Oregon State University
Paleoclimatology

Xiaolei Xu

Graduate Student, Texas A&M University
Chemical Oceanography

Stacy L. Yager

Graduate Student, Ball State University
Paleoceanography and Paleoclimatology

Yan Zhang

Graduate Student, University of California, Santa Cruz
Paleoceanography and Paleoclimatology