

NSF GEOPATHS AWARDS

Award Number	Principal Investigator	Organization	Co-Investigators	Title	Award Amount
NSF 15-526 (Solicitation)					
1540524	Donna Charlevoix	UNAVCO, Inc.	Aisha Morris	Collaborative Research: GP-EXTRA: Geo-Launchpad: Preparing Colorado Community College Students for Geoscience-Focused Careers	\$242,226.00
1540528	Calla Schmidt	University of San Francisco	Sarah Hall	Collaborative Proposal: GP EXTRA: Field based professional development for Environmental-STEM (ESTEM) undergraduates	\$196,747.00
1540545	Kimberly Hannula	Fort Lewis College	Gary Gianniny	GP-EXTRA: Supporting the Academic and Social Integration of Incoming Transfer Students	\$237,230.00
1540559	Rebecca Walker	Mount San Antonio College		Collaborative Proposal: GP EXTRA: Field based professional development for Environmental-STEM (ESTEM) undergraduates	\$143,986.00
1540573	Paulinus Chigbu	University of Maryland Eastern Shore	Reza Khanbilvardi, Michael Abazinge, Vernon Morris, ali ishaque	GP-IMPACT: Strengthening Pathways into Geosciences through Linkages between Summer Bridge and Undergraduate Training Programs	\$525,761.00
1540576	Julie Libarkin	Michigan State University	Karen McNeal	Collaborative Research: GP-IMPACT: The Green Tech High School Academy: A Model Program of Combined Geoscience Field Learning, Classroom Instruction and Career Preparation	\$136,755.00
1540588	Patrick Shabram	Front Range Community College	Monica Ramirez, Farah Bennani, Shashikala Unnithan	Collaborative Research: GP-EXTRA: Geo-Launchpad: Preparing Colorado Community College Students for Geoscience-Focused Careers	\$283,767.00
1540589	Gregory Dick	University of Michigan Ann Arbor		GP-IMPACT: Broadening pathways to geosciences with an integrated program at The University of Michigan	\$226,033.00
1540596	Karl Flessa	University of Arizona	Noah Fay	GP-IMPACT - Pathways into Geosciences at the University of Arizona	\$288,404.00
1540608	Katherine Ellins	University of Texas at Austin	Samuel Moore	Collaborative Research: GP-IMPACT: The Green Tech High School Academy: A Model Program of Combined Geoscience Field Learning, Classroom Instruction and Career Preparation	\$238,262.00
1540631	Joel Moore	Towson University	Ronald Hermann	GP-EXTRA: TU GEO Careers (Towson University Geoscience Educational Opportunities for Careers)	\$348,182.00
1540645	Jonathan Lewis	Indiana University of Pennsylvania	Sharon Cooper	GP: IMPACT: Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS)	\$218,427.00
1540652	Steven Whitmeyer	James Madison University	Jennifer Piatek, Christopher Atchison, Helen Crompton, Declan De Paor	GP-EXTRA: Engaging Students in Inclusive Geoscience Field Experiences via Onsite-Remote Partnerships	\$353,742.00
1540674	Ute Kaden	University of Alaska Fairbanks Campus	Sarah Fowell, Patrick Druckenmiller, Philip Patterson	Collaborative Research: GP-EXTRA: Preparing GeoSTEM Teachers for the Arctic Region (GeoSTEM)	\$424,976.00

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1540702	Kelly Lazar	Clemson University	John Wagner, Cindy Lee, Mark Schlautman, Patricia Carbajales	GP-EXTRA: Building an affective pathway to the geosciences through experiential learning opportunities for non-geoscience majors	\$599,139.00
1540719	Brian Savage	University of Rhode Island	Karen Kortz, Duayne Rieger, Dawn Cardace	GP-Impact: Improving Geoscience Education Pathways through Engaging Scientific and Career Experiences	\$311,994.00
1540721	Reginald Blake	CUNY New York City College of Technology	Janet Liou-Mark, Viviana Vladutescu, Hamidreza Norouzi	GP-EXTRA: Recruiting and Retaining Non-geoscience Minority STEM Majors for the Geoscience Workforce	\$496,786.00
1540724	Kathryn Stofer	University of Florida	Jasmeet Judge, Corene Matyas	Collaborative Research: GP-EXTRA: Geoscience Engagement and Outreach (GEO) - High-Impact Integrated Academic and Professional Experiences	\$156,667.00
1540726	Lois Ricciardi	Institute for Broadening Participation	Ashanti Johnson	GP EXTRA: MINORITIES STRIVING AND PURSUING HIGHER DEGREES OF SUCCESS in GEO REU (MS PHD'S-GEO REU) PROFESSIONAL DEVELOPMENT PROGRAM	\$414,636.00
1540729	Heidi Lannon	Santa Fe College	Brandan Lanman, Bobby Hom	Collaborative Research: GP-EXTRA: Geoscience Engagement and Outreach (GEO) - High-Impact Integrated Academic and Professional Experiences	\$333,003.00
1540730	Allan Ludman	CUNY Queens College	Holly Porter-Morgan, Monica Trujillo	GP-Impact: Freshman Year to Geoscience Career	\$371,056.00
1540731	Ashanti Johnson	University of Texas at Arlington		GP EXTRA: Minorities Striving and Pursuing Higher Degrees of Success in GEO REU (MS PHD'S-GEO REU) Professional Development Program	\$84,815.00
1540747	Mindi Searls	University of Nebraska-Lincoln	Leilani Arthurs, Deborah Bathke, David Harwood	GP-IMPACT: Building a Comprehensive Geoscience Learning Experience	\$400,075.00
1540752	Aaron Velasco	University of Texas at El Paso	John Taber, Lin Ma, Tina Carrick, Lixin Jin	GP EXTRA: Academic Year Pathways Research Experience Program (AY-PREP)	\$498,082.00
1541265	Marianne Smith	Citrus Community College District	Laura Barge, Valerie Sloan	GP-EXTRA: Bridge to the Geosciences for Community College Students	\$406,321.00
1565950	Barbara Bruno	University of Hawaii	Charles Fletcher, Louise Pagotto, Jennifer Engels	GP IMPACT: INTEGRATING RECRUITMENT AND RETENTION TO IMPROVE UNDERGRADUATE GEOSCIENCE PATHWAYS	\$393,813.00
1565959	Joseph Graney	SUNY at Binghamton	Nancy Stamp, Tim Lowenstein, Weixing Zhu, Thomas Kulp	GP-EXTRA: Freshman Research in Biogeochemistry for Engagement and Retention	\$377,555.00
1600177	Kusali Gamage	Austin Community College	Katerina Petronotis, Hugh Daigle, Leslie Davis, Chammi Miller	GP-EXTRA: Engaging and retaining students in the geosciences at two-year colleges (2YC) through undergraduate research	\$307,242.00
1600233	Laura Toran	Temple University	Jonathan Nyquist, Carol Brandt, Alexandra Davatzes	GP-IMPACT: Career paths for urban geoscientists: recruitment, retention, and apprenticeship	\$358,773.00
1600284	Mary Droser	University of California-Riverside	Nigel Hughes	GP-IMPACT: Collaborative Research: Geoscientist Development (GEODE): Recruiting and Engaging the future Geoscience workforce	\$412,348.00

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1600314	William Phelps	Riverside Community College District/Riverside City College		GP-IMPACT: Collaborative Research: Geoscientist Development (GEODE): Recruiting and Engaging the future Geoscience workforce	\$66,931.00
1600353	Sean Tvelia	Suffolk Community College	Marianne McNamara, Darryl Butkos, Scott Mandia	GP EXTRA: Geoscience Educational Opportunities and Career-Oriented Research Experiences (GEOCORE)	\$298,688.00
1600376	Larry McKay	University of Tennessee Knoxville	Sally Horn	GP-IMPACT: Engagement of Students and Faculty at Community Colleges to Enhance Recruitment to 4-Year Geoscience Programs	\$415,988.00
1600399	Rebecca Freeman	University of Kentucky Research Foundation	Michael McGlue, Justin Bathon, Alan Fryar	GP-IMPACT: Early College High School Pathways to Geoscience Majors and Careers: Full STEAM Ahead!	\$297,389.00
1600403	Deron Carter	Linn Benton Community College	Shanaka de Silva	GP: EXTRA Plugging the Leaky Geoscience Pipeline: Bridging the Transition from Community College to University in Oregon	\$285,684.00
1600410	Gretchen Miller	Wake Technical Community College	Adrienne Leinbach, Stephanie Rollins, Sara Rutzky	Collaborative Research GP-EXTRA: Engaging Diverse Two-Year College Geoscience Students: Expanding Opportunities Through Undergraduate Research and Mentoring	\$228,990.00
1600415	Solomon Bililign	North Carolina Agricultural & Technical State University	A Denning, Jing Zhang, Yuh-Lang Lin, Manoj Jha	GP-EXTRA: Pathways to atmospheric science through immersion in geoscience research	\$456,589.00
1600428	John Fountain	North Carolina State University		Collaborative Research GP-EXTRA: Engaging Diverse Two-Year College Geoscience Students: Expanding Opportunities Through Undergraduate Research and Mentoring	\$183,472.00
1600429	Bradley Cramer	University of Iowa	Brian Witzke, Ted Neal, Kate Tierney, Mary Kosloski	GP-IMPACT: Leveraging Adoption of the Next Generation Science Standards (NGSS) and Improving Geoscience Education in the State of Iowa	\$458,252.00
1600435	Antony Berthelote	Salish Kootenai College	Bonnie Sachatello-Sawyer, Helen Augare	GP-EXTRA: Native Pathways/Native Science Fellows	\$474,839.00
1600463	Brian Colle	SUNY at Stony Brook	Edmund Chang, Gilbert Hanson, Hyemi Kim, Kamazima Lwiza	GP-IMPACT: Increasing Geosciences Enrollment through Research Experiences, Mentoring, and Curriculum Interactions With Community Colleges and High Schools	\$409,289.00
1600506	Kathleen Gray	University of North Carolina at Chapel Hill	Kathleen Gray	GP-IMPACT: Increasing Diversity and Enhancing Academia (IDEA-2.0): Institutionalizing a framework for broadening participation in geosciences	\$448,458.00
1600508	Kathryn Nagy	University of Illinois at Chicago	Roy Plotnick, Max Berkelhammer, Stefany Sit	GP-IMPACT: Establishing Partnerships to Recruit Geoscience Undergraduates from Urban Chicago	\$429,363.00

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1600517	Fredrika Moser	University of Maryland Center for Environmental Sciences	Pedro Maldonado, James Pierson, Lora Harris, Maria F. Barberena-Arias, Ryan Woodland	GP-IMPACT: Pathways TO RENEW: Tropical Oceanography Research Experiences for the NExt-Generation Workforce	\$453,826.00
1600542	Judith Haschenburger	University of Texas at San Antonio	Marina Suarez, Alexis Godet, David Young, Anne-Marie Nunez, Walter Gray	GP-EXTRA: Using professional career experiences to strengthen pathways into the geoscience workforce	\$423,122.00
1600545	Lindsay Zanno	Friends of the North Carolina State Museum of Natural Sciences		Collaborative Research GP-EXTRA: Engaging Diverse Two-Year College Geoscience Students: Expanding Opportunities Through Undergraduate Research and Mentoring	\$16,548.00
1600562	Steven Semken	Arizona State University	Patricia Gober, Elizabeth Wentz	GP-IMPACT: Collaborative Workforce Training in Geoscience and Social Science for Natural-Hazards Preparedness and Mitigation (HazPM)	\$481,234.00
1600585	Chu-Lin Cheng	The University of Texas Rio Grande Valley	Jude Benavides, Carlos Cintra-Buenrostro, Juan Gonzalez, Jihoon Kang	GP-EXTRA: Stimulating Hispanic Participation in the Geosciences (SHIP-GEO)	\$ 464,959.00
1600595	Kantave Greene	Jackson State University	Mehri Fadavi, Wilbur Walters	GP-EXTRA: Increasing Minorities in the Atmospheric	\$324,201.00
1613420	Laura Barge	National Aeronautics and Space Administration		GP-EXTRA: Bridge to the Geosciences for Community College Students	\$88,600.00
NSF 16-584 (Solicitation)					
1700772	Diane Doser	University of Texas at El Paso	Rob Rohrbaugh, Joshua Villalobos, Richard Langford	GP-Impact: Service Learning Activities Targeting the Earth Sciences (SLATES)	\$174,701.00
1700818	Matthew Carrigan	Santa Fe College		High-Impact Introduction to the Geosciences through the Undergraduate Coral Research Initiative	\$322,591.00
1700851	Jesse Carlucci	Midwestern State University	Rebecca Dodge, Jonathan Price, William Meddaugh	GP-EXTRA: Bridge and Earth Science Training (BEST) Program	\$398,866.00
1700854	Richard Norris	University of California-San Diego Scripps Inst of Oceanography		Collaborative Research: GP-EXTRA: Oceanographic shipboard and lab research for diverse students: experiential learning as a gateway to geoscience careers	\$39,211.00
1700871	Adriane Jones	Mount Saint Mary's University	Xiaomei Cheng	Collaborative Research: GP-EXTRA: Broadening Geosciences Preparedness through Cross-Campus Experiential Partnership	\$197,359.00

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1700896	Theresa Jorgensen	University of Texas at Arlington	Elizabeth Griffith, W. Ashley Griffith, Nakia Pope	GP-IMPACT: Integrating Geoscience to Engage Majors with Mathematics: iGEM2	\$158,479.00
1700920	Sarah Gray	University of San Diego		Collaborative Research: GP-EXTRA: Oceanographic shipboard and lab research for diverse students: experiential learning as a gateway to geoscience careers	\$160,793.00
1700942	Anthony Rathburn	CSUB Auxiliary for Sponsored Programs Administration	Dirk Baron	Collaborative Research: GP-EXTRA: Oceanographic shipboard and lab research for diverse students: experiential learning as a gateway to geoscience careers	\$294,960.00
1701007	Heather Petcovic	Western Michigan University	Steven Bertman, Ralph Vellom, Todd Ellis, Stephen Kaczmarek	GP-EXTRA: Fostering Interest in Earth Science Teaching Through the Reflective Practice of Science	\$420,770.00
1701013	Judith Robinson	Rutgers University Newark	Susan Brantley, Alexander Gates, Jonathan Nyquist, Kristina Keating, Gregory Mount	GP-EXTRA: A geoscience pathway field experience in near-surface geophysics to promote recruitment and retention of transitional students in quantitative geosciences	\$380,755.00
1701031	Christopher Johnson	Salt Lake Community College		GEOPATHS: IMPACT Geoscience Student Research and Ambassador Program	\$334,372.00
1701048	James Ebert	SUNY College at Oneonta	Paul Bischoff, Glenn Dolphin	GP-EXTRA: Authentic Research Experiences for Earth Science Education Majors	\$354,439.00
1701058	Karla Heidelberg	University of Southern California	Diane Kim	Collaborative Research: GP-EXTRA: Broadening Geosciences Preparedness through Cross-Campus Experiential Partnership	\$136,083.00
1701062	Juliette Rooney-Varga	University of Massachusetts Lowell	Nicole Norfles	GP:IMPACT: Interactive Simulations and Systems Thinking to Broaden Pathways into the Geosciences	\$339,828.00
1701101	Dyanna Czeck	University of Wisconsin-Milwaukee	Margaret Fraiser	GEOPATHS-IMPACT: Geosciences Opportunities with Fossils, Rocks, & Water to Attract underRepresented Discoverers (GO FoWARD)	\$319,494.00
1701123	David McConnell	North Carolina State University	Chester Brewer, Karl Wegmann	GP-IMPACT: Expanding Geology Discovery Opportunities Beyond the Classroom	\$296,338.00
1701132	Gabriel Filippelli	Indiana University	Kathy Licht, Pierre Andre Jacinthe, Lixin Wang, Justin Hess	GP-EXTRA: Building a new generation of urban environmental scholar-citizens through community-based programs for science and impact	\$489,898.00
1701168	Sharon Cooper	Columbia University		GP-IMPACT: Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS)	\$632,424.00

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1701174	Jonathan Lewis	Indiana University of Pennsylvania		GP-IMPACT: Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS)	\$94,120.00
1701259	Sarah Fowell	University of Alaska Fairbanks Campus		GP-EXTRA: Expanding GeoFORCE Alaska, a Pathway to STEM Degrees for Rural, First-Generation, and Alaska Native Students	\$248,110.00
1714176	John Bartley	University of Utah		GEOPATHS: IMPACT Geoscience Student Research and Ambassador Program	\$50,762.00
NSF 17-574 (Solicitation)					
1801306	Renee Clary	Mississippi State University	Eric Shows, Athena Nagel	GP-IMPACT: Geosciences Streamlined Pipeline And Research for Community Colleges (Geo-SPARCC)	\$325,626.00
1801362	Jessica Oster	Vanderbilt University	Neil Kelley, Christopher Vanags, Lily Claiborne, Steven Goodbred	GP:IMPACT: Collaborative Research: TSU-Vanderbilt Partnership - A Pathway to Broaden Participation of Underrepresented Groups in Graduate School and the Geoscience Workforce	\$149,687.00
1801389	De'Etra Young	Tennessee State University	Thomas Byl, Jason de Koff	GP:IMPACT: Collaborative Research: TSU-Vanderbilt Partnership - A Pathway to Broaden Participation of Underrepresented Groups in Graduate School and the Geoscience Workforce	\$199,742.00
1801414	Joseph Boyer	Plymouth State University	Lisa Doner, Mark Green, Eric Kelsey, Amy Villamagna	GP EXTRA: Engaging Students in the Geosciences Using a Lake Watershed Geosystems Path	\$306,146.00
1801418	Rodolfo Dirzo	Stanford University		Collaborative Proposal: GP-IMPACT: Ambassadors for STEM Training to Enhance Participation (A-STEP)	\$36,840.00
1801420	Ruth Varner	University of New Hampshire	Lee Slater, Julia Bryce, Gulnihal Ozbay, Maurice Crawford	GP-EXTRA: Connecting Links to Ocean Science and Earth Science Graduate Academic Programs (CLOSES-GAP)	\$394,319.00
1801424	Claire McLeod	Miami University	Mark Krekeler	GP-EXTRA: Advancing Undergraduate Geoscience through Integrated Training Experiences (AUGITE)	\$333,703.00
1801453	Sarah Tindall	Kutztown University		GP-EXTRA: RiGs - Road maps into the Geosciences	\$20,945.00
1801529	John Rand	University of Hawaii	Joshua Kaakua	GP-IMPACT: The University of Hawaii Geology, Environmental/Earth, and Ocean (GEO)-Sciences Pathway	\$468,763.00
1801563	Reginald Blake	CUNY New York City College of Technology	Janet Liou-Mark, Dereck Skeete, Hamidreza Norouzi	GP-EXTRA: Expanding an Innovative Pathway to Replenish the Geoscience Workforce with Underrepresented Minority Non-Geoscience STEM Majors	\$309,911.00
1801569	Stephen Boss	University of Arkansas	Tahlia Bear	GP-IMPACT: Professional Development Pathways to Diversifying the Geosciences Workforce	\$349,801.00

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1801589	Jason Kaiser	Southern Utah University		GP-EXTRA: RiGs - Road maps into the Geosciences	\$17,009.00
1801598	Andreas Eckert	Missouri University of Science and Technology	John Hogan, Marek Locmelis	GP-EXTRA: RiGs - Road maps into the Geosciences	\$306,716.00
1801605	Paul Buck	NSHE Board of Regents on behalf of Nevada State College	Peter Lanagan, Jennifer Edmonds, Richard Jasoni	GP-IMPACTS: Nevada's GeoGateway Program: A collaboration between Nevada State College, College of Southern Nevada, and the Desert Research Institute	\$351,431.00
1801634	Sharon Cooper	Columbia University		Collaborative Proposal: GP-IMPACT: Ambassadors for STEM Training to Enhance Participation (A-STEP)	\$172,620.00
1801658	Ardi Kveven	Everett Community College		GP:EXTRA - Engaging Community College Students in Undergraduate Research	\$333,688.00
1801752	Lisa White	University of California-Berkeley		Collaborative Proposal: GP-IMPACT: Ambassadors for STEM Training to Enhance Participation (A-STEP)	\$299,610.00
1801760	Elizabeth Balgord	Weber State University	Marek Matyjasik, Carie Frantz	GP EXTRA: GETUP- Geoscience Education Targeting Underrepresented Populations	\$324,640.00
1801768	James Sample	Northern Arizona University	Ron Gray, Mary Reid, Brandon Cruickshank	GP EXTRA: Exploration of Recruitment of Earth Scientists (EXPLORES)	\$534,314.00
1802124	Sue Ebanks	Savannah State University	Edith Davis, Reginald Archer	GP-IMPACT: Expanding HBCU Pathways for Geoscience Education	\$177,512.00
1823461	Paul Barber	University of California-Los Angeles	Peggy Fong, Sennai Habtes	The Diversity Project-A Transformative Field Research Experience That Engages Students by Empowering Them to Conduct Original Marine Research.	\$432,042.00