An XSEDE-wide effort is underway to expand the community by recruiting and enabling a diverse group of students who have the skills - or are interested in acquiring the skills - to participate in the actual work of XSEDE. The name of this effort is XSEDE EMPOWER (Expert Mentoring Producing Opportunities for Work, Education, and Research).

Program website

Participant Publications, Presentations, and Evidence of Impact

From Maritza Anguiano Carrillo, California State University-San Marcos, participant in spring 2019:

(from February 2019 report) "My mentor and I have begun a tutorial session for new students wanting to participate in future research."

From Felix Quintana, participant in spring 2019:


From Bimarsh Sharma, West Virginia University Institute of Technology, participant in fall 2018 and spring 2019:


From David Hughes, California State Polytechnic University-Pomona, participant in summer 2018 through spring 2019:


(from October 2018 report) "I created an XSEDE/Bridges user guide and gave a lecture about my project, XSEDE, Bridges, and Spark to the Big Data Analytics course on my campus."

Jean Santiago, University of Puerto Rico at Mayagüez, participant in spring and fall 2018, created a visualization:


He also created a visualization presentation:


From Mark Hisle (Centre College) and Maxwell Meier (Earlham College), participants in summer 2017:

Maxwell gave a presentation of this paper at the PEARC18 conference:


From Phan Phu, California State Polytechnic University-Pomona, participant in spring 2018:

"On January 13, 2018, I presented “Spectroscopic and Computational Studies of Metal Nitrosyl Complexes to Elucidate the Mechanism of Nitrite Reductase” at 30th Annual CSU Biotechnology Symposium in Santa Clara, California. In March 2018, I will be presenting my results collected during XSEDE EMPOWER internship at the 255th ACS National Meeting in New Orleans, LA."

From April Horton, Bluffton University, participant in fall 2017:

(from email from mentor, 03/22/2019) "Last week April Horton received offers from two REU programs in Astronomy: The University of Hawaii, and The University of Wisconsin-Madison. Both had a computational slant—based on her EMPOWER project, a computational science course I taught and other programming courses at Bluffton. The University of Hawaii was her top choice for REU; she’ll be headed there soon after spring semester."
"I presented at Bluffton University's Research Fair for my XSEDE EMPOWER Program internship entitled “Sonification and Visualization of Scientific Data.” This poster presentation session allowed me to share my research with other Bluffton students while encouraging them to pursue research opportunities they are interested in."

News Stories