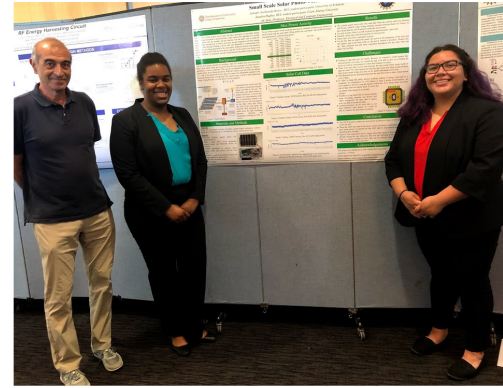


REU POWER and D3 -PROGRAM IMPACT-

NSF 19-582



Program Goals

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation.

- Provides appropriate and valuable educational experiences for undergraduate students through participation in research
- Features high-quality interactions of students with faculty and/or other research mentors and access to appropriate facilities and professional development opportunities
- Offers an opportunity to tap the nation's diverse student talent pool and broaden participation in science and engineering

17

students participated in the REU
POWER and D3 at Northeastern
University in 2019

Cohort:

Grew to become a more cohesive group; the wide variety in the research experiences did not impede the growth of the social network.

Life and Learning in Labs:

Found the experience valuable, and many cited the importance of learning more about life as graduate student doing research.

Mid-term effects:

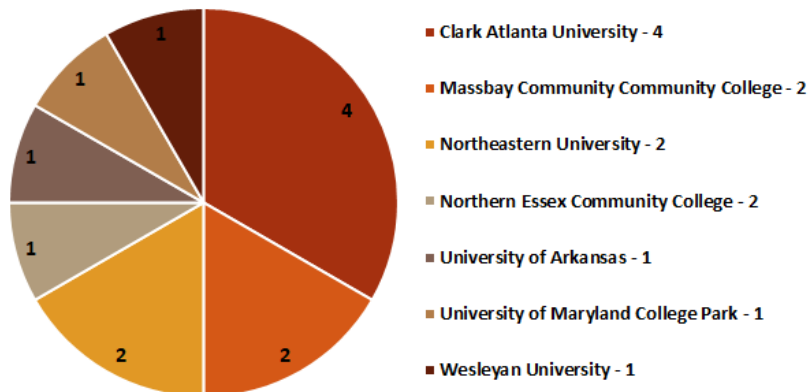
Summer was important for clarifying what is involved in pursuing graduate students. Mixed prospects for the continuation of practicing skills acquired over the summer.

REU POWER and D3

Program Impact Summary - 2019



2019 Participants' Schools



IMPACT ON RESEARCH CONFIDENCE

I understand the process of preparing a research presentation

I understand how to analyze data with statistics or other tools

I am able to design an experimental set up to test a solution to a problem

I can orally communicate the results of research projects

I understand technical and scientific writing tools

I am confident of my ability to influence a team I lead

% POSITIVE CHANGE

22%

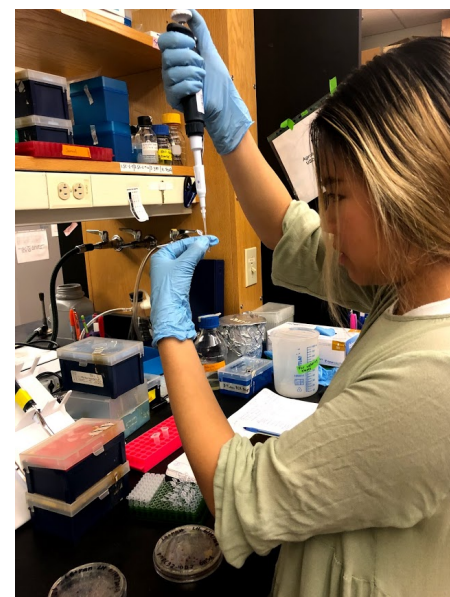
20%

16%

12%

10%

8%



This REU experience has really helped me regain confidence in my skills. I surprisingly woke up everyday excited to go into work and do the next task. I definitely am applying to graduate school within the next two years, because I love the environment, the people, the academia. Thank you for this opportunity!

-REU Participant

I was never discouraged when results contradicted my hypothesis or expectations. However, when I got results that were reassuring, I was so proud and happy. The most rewarding experience is the result because there is so much hard work that goes into the final product.

-REU Participant