



# Office of Environmental Management Minority Serving Institutions Partnership Program (EM MSIPP)

A Comprehensive Approach to Populating the EM Staffing Pipeline



The EM MSIPP program takes a comprehensive approach to building a diverse and well-trained future workforce to take the next step toward completion of the EM mission. EM MSIPP is made up of seven components that offer a range of opportunities for students at Minority Serving Institutions (MSIs) across the country. From competitive research grants to hands-on internship experiences for undergraduate students, this holistic strategy fosters a pipeline of talent by nurturing student success through scholarships and fellowships and providing postdoctoral researchers with specialized research positions at DOE national laboratories.

Through these multifaceted programs, the EM MSIPP equips the next generation of science, technology, engineering and math (STEM) leaders with the skills and knowledge needed to tackle the complex and evolving challenges surrounding environmental cleanup and remediation.

## 7 Components of the EM MSIPP Program FY23 2023 Funding: \$56M



### Grants (\$24.5M)

Awards financial assistance to MSIs for research projects that support EM's environmental cleanup mission.



### Competitive Research Awards (\$10.4M)

Provides competitive funding for MSIs to conduct research projects aligned with EM's cleanup needs.



### Graduate Fellows Program (\$6M)

Provides a year-long paid fellowship for MSI graduate students in STEM to gain specialized training and experience relevant to EM's environmental cleanup mission.



### Success Through Academic Research Scholarship (STARS) (\$5M)

Offers scholarships and paid summer internships for MSI students in STEM fields focused on environmental cleanup challenges to support the EM pipeline.



### Postdoctoral Research Program (\$3M)

Provides fixed-term research positions at national labs for talented postdoctoral researchers focused on EM's challenges.



### EM MSIPP Internship Program (\$2M)

Offers undergraduate MSI students the chance to gain hands-on experience through summer internships at DOE National Laboratories.



### Environmental Science Field Station Program (\$1.5M)

A unique hands-on summer program providing educational course credits and research opportunities for underrepresented students in STEM.

# EM MSIPP

## FY 2023 Accomplishments

1

### Grants

- Awarded 7 MSI University Research Grants

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### Competitive Research Awards

- Awarded 32 research awards
- Realized 117% growth in MSIPP Achievement Workshop from 2022 with 267 attendees (32 MSIs, 13 states, 10 EM sites/labs)

3

### Graduate Fellowship Program

- Hired 12 Fellows in the inaugural year of the program

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### Success Through Academic Research Scholarship Program (STARS)

- Launched program in October 2023
- 104 applications received
- 12 applicants selected
- Inaugural cohort to begin June 2024

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### Postdoctoral Research Program

- Hired 10 postdoctoral candidates, one of which accepted a full-time position at WIPP.

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### Internships

- Hosted 32 interns at National Laboratories across the EM complex.

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### Savannah River Environmental Sciences Field Station

- Hosted 41 students
- Successfully implemented Cybersecurity tract in partnership with USC Aiken and South Carolina State University.

#### Program Contact Information

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