

MS PHD'S–GEO REU:

Promoting retention, inclusivity and meaningful engagement in the geosciences for URM participants of NSF REU programs



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MS PHD'S–GEO REU

2014

- Piloted in conjunction with AGU Fall Meeting
- Modeled after MS PHD'S
- One cohort of 10 students
- Single phase of activities
 - Professional Development
 - Mentoring
 - Community building



2015

- Two Phases of Activities
 - Face-to-face
 - Virtual
- Designed using 2014 outcomes
- 3 cohorts
 - 15 students per year
 - 3 near-peer mentors per year

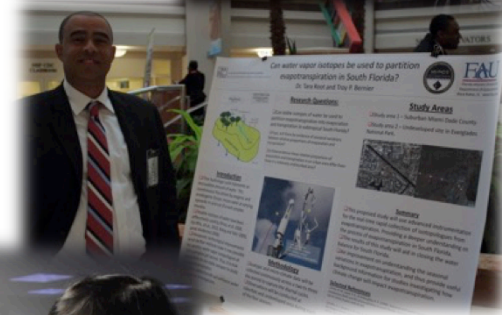


Overview: *MS PHD'S*

Three Phases

Face-to-Face and Virtual

- Tiered Mentoring
- Successful URM Scientist Role Models
- Community Building
- Professional Development Training
- Networking Opportunities
- Virtual Community



MS PHD'S-GEO REU Activities

Two Phases

Face-to-Face and Virtual

♦ Professional Development ♦ Mentoring ♦ Community Building

- Face-to Face

- Phase I: AGU Fall Meeting
- Phase II: Discipline Specific Meetings

- Organizational Partners

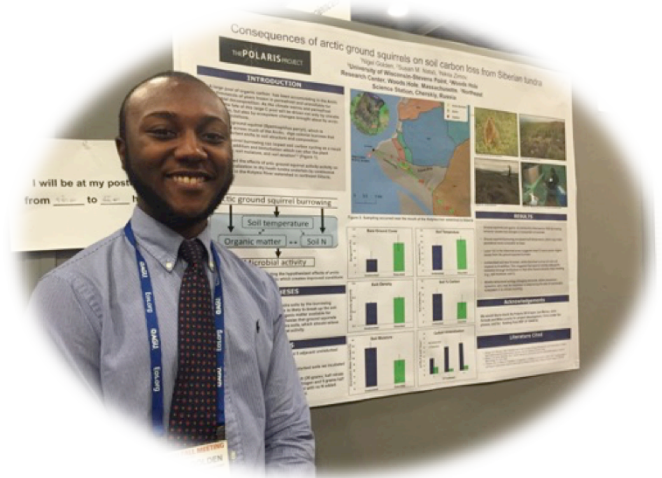
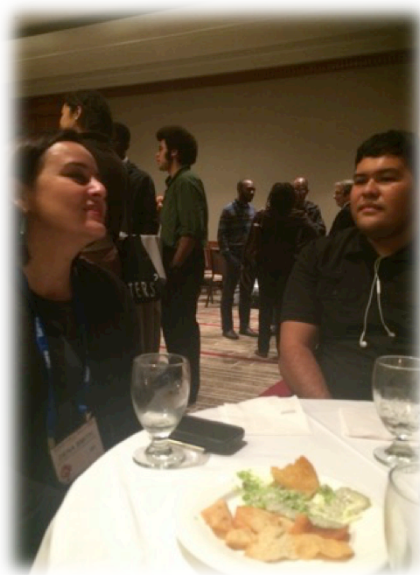
- ♦ AGU ♦ AGI ♦ AMS ♦ ASLO ♦ COL ♦ ESA ♦ Ivy League Symposium
- ♦ GSA ♦ NABG ♦ NAGT-On The Cutting Edge ♦ SFS
- ♦ Sigma Xi ♦ SREB-Institute on Teaching and Mentoring

- Virtual Activities

- Phase I: Virtual Community
- Phase II: Webinars
 - ♦ Funding Your Graduate Education ♦ Building Your Mentor Network
 - ♦ Finding and Applying to Opportunities
 - ♦ Geoscience Career Paths in Academia, Industry and Federal Government

Professional Development

- Creation of Public Web Profile
- Self-Introduction Presentations
- Short, Mid and Long-Term Career Planning
- Curriculum Vitae Development
- Oral and Written Presentation Skills



Mentoring

- Program Mentors
 - Successful URM scientist role models
 - Engage with mentees in all program activities
- Meeting Mentors
 - Successful URM and non-URM scientist role models
 - Facilitate networking and professional development at scientific meetings and workshops
- Dream Team
 - Near-peer mentoring
 - Leadership training
- Staff
 - Coordinate program opportunities
 - Support professional and academic development



Community Building

- Community Engagement
 - Peer Contact
 - Mentor Contact
 - Community Support
- Field Trips
 - California Academy of Sciences
 - Aquarium of the Bay
- Multicultural Food Festival
- Men and Women's Discussion Groups



Virtual Community

The virtual community is used to share successes, disseminate opportunities, provide ongoing mentoring and support, and maintain continuity of networks formed through the program

- ◆ Online profiles ◆ Webinars ◆ Listserv ◆ Facebook
- ◆ LinkedIn ◆ Web video conferencing ◆ VoIP technologies

Profiles

Events

News & Accomplishments

Testimonials

Resources

Documents


Donate


Contact Us

Virtual Community


The virtual community consists of a members only listserv, online forum, facebook group, and a growing list of other means for virtual communication!


- Email pdp@msphds.org if you are interested in being added to the members only listserv.

 [MS PHD'S Alumni Facebook Page](#)

 [MS PHD'S Members Only LinkedIn Group](#)

- [View a powerpoint about chat and video-cam technologies](#)

 [Get a download of Skype for free calls and chat](#)

 [Google talk also allows free chat and calls](#)

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MS PHD'S Cohort(s):
2014 MS PHD'S-GEO REU (Cohort 10)

» **Jabari's Resume**

My name is Jabari Jones, I am a senior Geology major at Carleton College, originally from Minneapolis, MN. I initially took a geology course to fulfill Carleton's lab requirement, with no intention of continuing in the field. I loved that first class and after a circuitous route I decided that I wanted to be a geology major and have loved all my experiences in the department. I look forward to a future of being amazed by the earth and growing as a scientist and human being.



Outcomes

Participants become members of the established MS PHD'S professional community

- 223 participants
 - 58 Doctorate
 - 21 Masters
 - 16 Baccalaureate
- Remaining 128 enrolled in undergraduate and graduate programs throughout the U.S.
- Geographic representation
 - 35 states
 - District of Columbia
 - Puerto Rico
 - Two international postdoctoral appointments
 - Saudi Arabia
 - France





Acknowledgments



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Institute for Broadening Participation
Building Partnerships to Support Diversity in Science

Thank You!

Questions?