Comparative Hardwood Genomics’ Outreach Component with The University of West Alabama

Presenter - Dr. Ketia Shumaker
Associate Professor of Biological & Environmental Sciences @ The Univ. of West AL
“...substantive research experiences will be provided to minority undergraduate students in collaboration with The University of West Alabama.”
Summary of Outreach’s Impact
Since 2011 to now...

- 8 UWA Undergraduate Interns
- Research presented at 12 different research conferences
- Interns are UWA Plant Research Ambassadors
- Increased plant research opportunities at UWA
* Timothy Odom & Kelvineisha Williams

* Studied the response of ozone on Black gum & Tulip poplar trees

* Oral & Poster Presentations @ Hershey Medical Center’s Undergraduate Research Symposium on August 1, 2014

* Check out their research poster & video

http://www.hardwoodgenomics.org/
2011 & 2012 Post Survey Report (n=5)

- % of interns with greater confidence in data collection and discussing research with peers
- Over 50% would apply to grad programs in plant science
- 80% believe that underrepresented groups can excel in plant science/biotechnology

2013 Post Survey Report (n=4)

- Overall improvement in majority of all the questions when compared to the previous cohort
Comparative Genomics of Hardwood Tree Species

http://www.hardwoodgenomics.org