

JHS Scholars – Spring 2015 Placement:

JHS Scholars – Spring 2015 Placement: This Spring 13 of the Juniors and Seniors worked with faculty at Tougaloo College, 5 worked with University of Mississippi Medical Center faculty, and two Juniors were on an exchange program at Brown University. All sophomore except one worked with faculty at Tougaloo. The placements are listed in Table A-5 below:

Table A-5: JHS Scholars – Spring 2015 Placement:

| Seniors | Placement |
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| Elrica Brown | Program: Biology Department Site: Tougaloo College Mentor: Dr. Bianca Garner Topic: Biofilm Development in Response to Iron Conditions |
| Rochelle Corbitt | Program: Neurobiology and Anatomical Department Site: University of Mississippi Medical Center Mentor: Dr. Douglas Vetter Topic: The role of the extracellular matrix molecule thrombospondin 1 in the development and maintenance of mammalian cochlear hair cells and their neural innervations |
| Johnathan Grayson | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. George Armstrong Topic: Microwave-Assisted Alkylation of Anilines: Alkylation of 2,4-Dimethylaniline with 1-arylethanol |
| Cari Hampton | Program: Biology Department Site: Tougaloo College Mentor: Dr. Bianca Garner Topic: Hepatic Lipid Metabolism in Female Aging Rats |
| Denzel Hardy | Program: Community Outreach Site: Community Outreach Center(JHS) Mentor: Community Outreach Staff Topic: Community Outreach |
| Kisa Harris | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. Bidisha Sengupta Topic: Enzymatic Reduction of a Ketone to a Chiral Alcohol |
| Ashley King | Program: Biology Department Site: Tougaloo College Mentor: Dr. Bianca Garner Topic: Biofilm Development in Response to Iron Conditions |
| Eybriunna Lewis | Program: Bio-Chemistry Department Site: Jackson State University Mentor: Dr. Yu Topic: The cytotoxicity of 11 commonly used coating agents |
| Oriana Odell | Program: Community Outreach Site: Community Outreach Center(JHS) Mentor: Community Outreach Staff |

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| | Topic: Community Outreach |
| Margie Rayford | Program: Community Outreach Site: Community Outreach Center(JHS) Mentor: Community Outreach Staff Topic: Community Outreach |
| Charles Phillips | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. Scharri Walker Topic: The In Vitro Evaluation of Pediatric Brain Cancer Cell Lines |
| Diva Whalen | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. George Armstrong Topic: Microwave-Assisted Alkylation of Anilines: Alkylation of 2,4-Dimethylaniline with 1-arylethanols |
| Juniors | Placement |
| Waynesha Blaylock | Program: Biology Department Site: Brown University Mentor: Dr. Ed Feller Topic: Sudden Infant Death Syndrome and the case of rural Mississippi |
| Acacia Cooper | Program: Biology Department Site: Tougaloo College Mentor: Dr. Jinghe Mao Topic: Molded Microgravity effect on innate immunity |
| Brandon Dean | Program: Physics Department Site: Tougaloo College Mentor: Dr. Pradip Biswas & Dr. Banerjee Topic: GIS - Geographic Information System |
| Dominique Foster | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. George Armstrong Topic: Microwave-Assisted Alkylation of Anilines: Alkylation of 2,4-Dimethylaniline with 1-arylethanols |
| Kelli Gutter | Program: Community Outreach Site: Community Outreach Center(JHS) Mentor: Community Outreach Staff Topic: Community Outreach |
| Sherrall Jenkins | Program: Coordinating Center(JHS) Site: University of Mississippi Medical Center Mentor: Coordinating Center Staff Topic: Creating data entry system, entering data for the JHS ancillary study |
| Jessica McKenzie | Program: Coordinating Center(JHS) Site: University of Mississippi Medical Center Mentor: Dr. LaMarca Topic: Creating data entry system, entering data for the JHS ancillary study |
| Le'Andrea Mitchell | Program: Health and Wellness Center Site: Tougaloo College Health and Wellness Center Mentor: Dr. Sandra Hayes Topic: Student observations of patient care in a community based |

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| | clinical setting. |
| Jonathan Moore | Program: Biology Site: Tougaloo College/Brown University Mentor: Dr. Bianca Garner Topic: Biofilm Development in Response to Iron Conditions |
| Courtney Sims | Program: University of Mississippi Medical Center Site: University of Mississippi Medical Center - Infectious Diseases Mentor: Dr. Leandro Mena Topic: Sexual behaviors among gay and transgendered African American Males in Mississippi |
| Rassan Turner | Program: Sociology Department Site: Brown University Mentor: Dr. Ed Feller Topic: Media Literacy and Health |
| Aurora Washington | Program: Physic Department Site: Tougaloo College Mentor: Dr. Pradip Biswas Topic: Computational Simulations of Estrogen (alpha) receptor |
| Sophomores | Placement |
| Breland Crudup | Program: University of Mississippi Medical Center Site: University of Mississippi Medical Center Mentor: Dr. Solomon Musani Topic: Heritability estimate of Metabolic syndrome severity score in African Americans |
| Allison Barnes | Program: JHS UTEC Site: Tougaloo College Mentor: Beverly Thomas Topic: Data Entry for JHS UTEC - RedCap |
| Michael Cleveland | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. Manliang Feng Topic: The development of in-vivo traceable carrier for guided delivery of anti-cancer drugs |
| Karien Dixon | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. Manliang Feng Topic: The development of in-vivo traceable carrier for guided delivery of anti-cancer drugs |
| Amanda Dortch | Program: JHS UTEC Site: Tougaloo College Mentor: Beverly Thomas Topic: Data Entry for JHS UTEC - RedCap |
| Jessica Gutierrez | Program: JHS UTEC Site: Tougaloo College Mentor: Dr. Nimr Fahmy Topic: GIS - Geographic Information System |
| Courtney Mangum | Program: JHS UTEC Site: Tougaloo College Mentor: Beverly Thomas Topic: Data Entry for JHS UTEC - RedCap |

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| Shanta Sykes | Program: Chemistry Department Site: Tougaloo College Mentor: Dr. Scharri Walker Topic: The in-vivo evaluation of pediatric brain cancer cell lines |
| Corey Walters | Program: JHS UTEC Site: Tougaloo College Mentor: Beverly Thomas Topic: Data Entry for JHS UTEC - RedCap |
| Maurice Whalen | Program: Biology Department Site: Tougaloo College Mentor: Dr. Jinghe Mao Topic: Immune cell expression channel catfish |