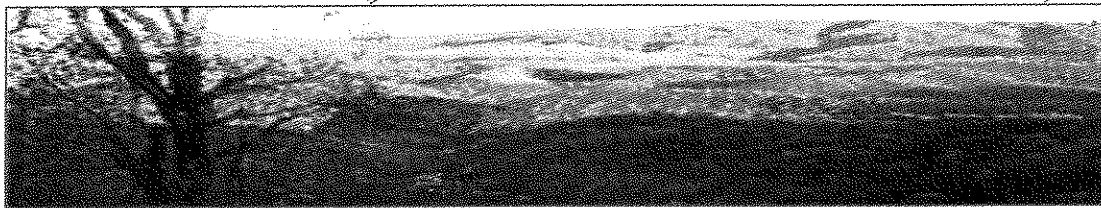


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WV-INBRE Provides Biomedical Research Opportunities to HSTA Scholars and WV High School Science Educators

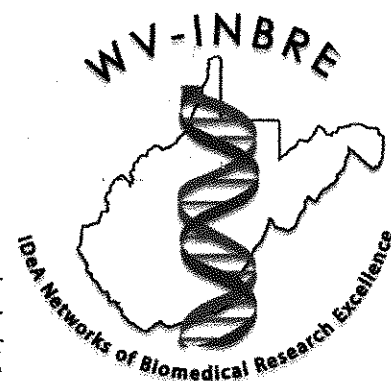
The partnership between WV-INBRE and the Health Sciences & Technology Academy (HSTA) program is focused on encouraging undergraduate students, who have demonstrated an interest in biomedical research through their participation in the HSTA program while in high school, to continue to develop this interest in biomedical research once they enroll at West Virginia University, Marshall University or one of the PUIs.

During the 2014-2015 academic year, 11 HSTA scholars participated in this program with 5 interns at the one of the PUIs, 4 interns at Marshall University, and 2 interns at West Virginia University. These students were: at Alderson-Broaddus University, Malcolm Lee worked with Dr. Yi Charlie Chen; at Bluefield State College, Kaitlyn Thompson worked with Dr. Tesfaye Belay; at Shepherd University, Tina Nguyen worked with Dr. Qing Wang; and at West Liberty University, Jesse Hall and Jenna Ingram worked with Dr. Joseph Horzempa; at Marshall University, Gabrielle Worley and Emily Fedukovich worked with Dr. Hongwei Yu, Janae Jackson worked with Dr. Nalini Santanam, Ibrahim Mohammed worked with Dr. Lawrence Grover; and at West Virginia University,

Melissa Ashman worked with Dr. Paul Chantler and Whitney Poling worked with Dr. Jefferson Frisbee. All interns will present their research at the 14th Annual WV-INBRE Summer Research Symposium in Huntington WV on July 27, 2015.

Another component of this joint program is to provide opportunities for high school science educators to participate in biomedical research for up to nine weeks during the summer with a mentor at West Virginia University, Marshall University, or one of the WV-INBRE funded PUI laboratories. Participation is open to high school science educators who teach in the state of West Virginia during the previous academic school year. The goal of this part of the program is to provide research opportunities to interested science teachers with the expectation they will take their research experience back into their classrooms and inspire their students to pursue biomedical research opportunities once they enter college. Additionally, it is anticipated that the techniques they learn from the research will enhance the scientific teaching experience in the classroom.

For summer 2015, 5 high school science educators have been awarded 7 to 9-week research internships: Jeremiah Miller from Martinsburg High School and Eric Goff from Keyser High School will work with Dr. Qing Wang at Shepherd University; Olivia Boskovic from Huntington High School will work with Dr. Pier Paolo Claudio at Marshall University; Jason Graser from North Marion High School will work with Dr. Julie Breczynski-Lewis and Samantha Simon from University High School will work with Dr. Timothy Nurkiewicz, both at West Virginia University. All interns will present their research at the 14th Annual WV-INBRE Summer Research Symposium in Huntington WV on July 27, 2015.



Network Partners of the WV-INBRE

Lead Universities

Marshall University
West Virginia University

Predominantly Undergraduate Institutions (PUIs)

Alderson-Broaddus College
Bethany College
Bluefield State College
Concord University
Davis & Elkins College
Fairmont State University
Glennville State College
Salem International University
Shepherd University
University of Charleston
West Liberty University
West Virginia State University
West Virginia Wesleyan College
Wheeling Jesuit University

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