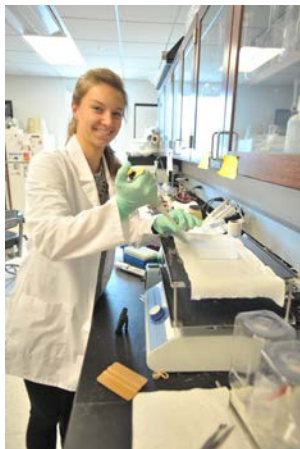
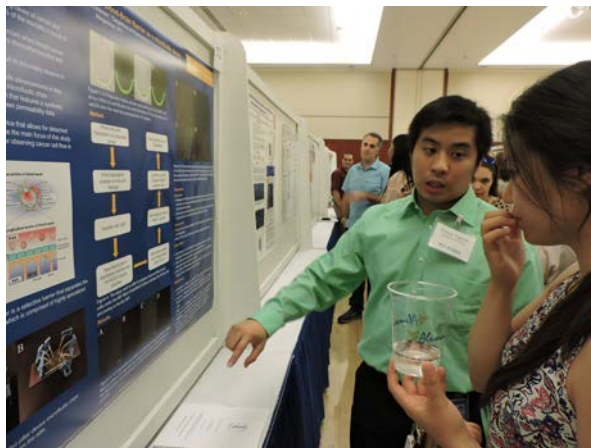


2016 WV-INBRE Summer Research Symposium

Undergraduate college students, the majority from West Virginia, showcased their summer research projects at West Virginia University Health Science Center on July 25th as part of the 15th Annual West Virginia IDeA Network for Biomedical Research (WV-INBRE) Summer Research Symposium. During the 2016 Summer Program, WV-INBRE supported twenty-five undergraduate Interns, two Faculty Fellow, and five High School Science Teachers from the West Virginia HSTA program. Seventeen Interns and one Faculty Fellow carried out their research at West Virginia University. Eight Interns and one Faculty Fellow conducted their research at Marshall University. The High School Science Teachers conducted their research at West Virginia University, Marshall University and Alderson Broaddus University.



The research projects presented at the symposium were conducted under the direction of faculty mentors during an intensive 9-week period. The projects included studies on the treatment of cancer and depression; endometriosis; markers of hypertension; opioid abuse; treatment and prevention of obesity; and the pathophysiology and treatment of infectious diseases among others.

WV-INBRE, which is designed to support biomedical research in the state, is funded by a grant from the National Institutes of Health (NIH) to Marshall University, in cooperation with West Virginia University and thirteen other colleges and universities in the state. The summer program allows students enrolled in the Primarily Undergraduate Institutions (PUIs) in the WV-INBRE network research opportunities in labs at both Marshall University and West Virginia University. In addition to the formal research training they receive, students attend workshops and seminars aimed at helping them

understand the research process and graduate education.

The morning session of the symposium began with oral presentations by:

Dawn Turner, Ph.D., Assistant Professor of Biology, University of Charleston; Summer Research Program Fellow.

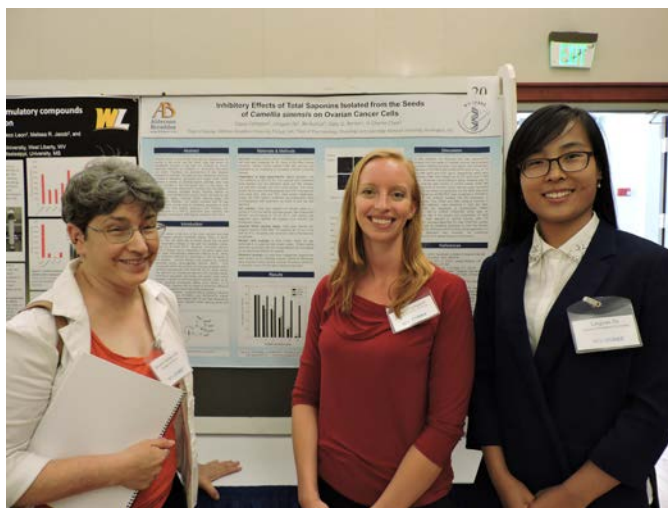
Kaden Hudson, Colton Allen, Abha Maskey, and Brooke McVaney; Summer Research Program Interns.

Seth Perry, High School Science Teacher at Hurricane High School in Hurricane, WV; WV-INBRE/HSTA Summer Research Fellow.



This year's summer research symposium featured keynote speaker Lucia Pirisi-Creek, MD, Professor, Department of Pathology, Microbiology and Immunology; Principal Investigator and Program Director, South Carolina INBRE; University of South Carolina School of Medicine. Her presentation was entitled: "Human Papillomavirus (HPV) and Cancer".

Following a luncheon, the symposium continued with poster presentations by students and faculty. There were a total of 77 posters. Participants presenting posters included: summer undergraduate interns and faculty fellows from the Primarily Undergraduate Institutions who conducted research at West Virginia University and Marshall University



during the 9-week summer research program, and students and faculty conducting research at their home institutions. The high school science teachers supported by the WV-INBRE/HSTA initiative also presented posters.