

NDSU INBRE MONTHLY UPDATE



Year 3/ April 2017

APRIL HIGHLIGHTS

UPCOMING WEBINAR

EXPANDING YOUR HORIZONS

SCIENCE OLYMPIAD

STUDENT SPOTLIGHT

BUILDING YOUR PERSONAL NETWORK

AISES MEMBERSHIP DRIVE

UPCOMING WEBINAR

The next INBRE webinar will take place on April 25, 2017. Dr. Melanie Nadeau will share information related to her research on breast cancer. Her presentation is titled, “Risk Factors for Breast Cancer among American Indian Women”.



WEBINAR INFORMATION:

Computer: <https://join.nd.gov/1666464>
Phone: 701-328-7950 with code 483716#

Each of the INBRE webinars will be recorded and are available on our YouTube page at:
<https://www.youtube.com/channel/UCWyLPojBH2yyi14cIBewog>.
Links to the YouTube videos are also available on our website.

EXPANDING YOUR HORIZONS

The INBRE team hosted a session for the annual Expanding Your Horizons event, which was held at NDSU’s campus on April 8, 2017. The goal of the program is to encourage middle school-aged girls to pursue future careers in STEM. Seven girls attended the session which was titled, “All About Public Health”. The girls first learned about infectious disease management. Tansy Wells, a second-year MPH student, lead the girls through an activity which explored how pathogens can spread. The girls participated in a simulation where one person had been “infected” and were taught how illness can become contagious. Culture was also an important aspect of the session. The INBRE team incorporated knowledge of indigenous foods, to create an understanding of how nutrition impacts public health. Lastly, the girls participated in an activity which explored the many career paths public health professionals can pursue.



Students participating in the “Infectious Disease Outbreak” activity at Expanding Your Horizons

SCIENCE OLYMPIAD

Pearl Walker-Swaney, INBRE Project Manager, was the lead facilitator for the Reach for the Stars Division B session at the 2017 Science Olympiad held at NDSU, which took place on April 22nd. Science Olympiad has been revolutionary in science education for the past 33 years. What began as a grassroots assembly of science teachers is now one of the premier science competitions in the nation, providing rigorous, standards-based challenges to 7,600 teams in 50 states. As lead facilitator, Pearl developed an astronomy test for middle and high school teams to answer. Competing teams were scored based on the number of questions answered correctly. There were 24 teams from middle and high school in the event. For a complete listing of the different events, please visit the website at: <https://www.ndsu.edu/olympiad/>

STUDENT SPOTLIGHT

Ashly Hall, a student at Nueta-Hidatsa-Sahnish College, recently was awarded for her poster presentation at the American Indian Higher Education Consortium (AIHEC). Ashly received first place overall in the science poster presentation division! Ashly has been involved with the INBRE program for over a year, and is currently researching Juneberries under the advisement of Dr. Kerry Hartman. We are very proud of Ashly's accomplishments!

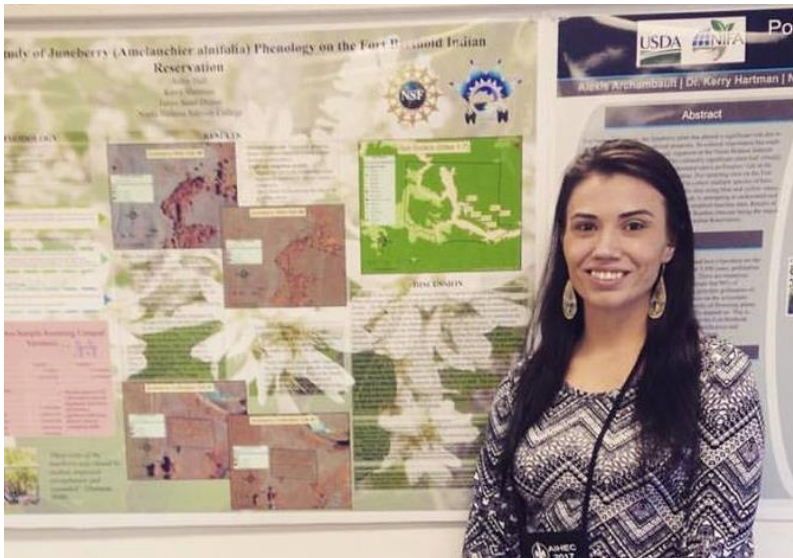


Photo courtesy of Ashly Hall

STUDENT OPPORTUNITIES

AISES Scholarships

- AISES A.T. Anderson Memorial Scholarship
 - o \$1,000 for undergraduates and \$2,000 for graduate students. Open to students pursuing degrees in Mathematics, Medical Sciences, Physical Science, Technology, Science, Engineering, and Natural Resources
- Burlington Northern Santa Fe (BNSF) Foundation Scholarship
 - o \$2,500 per academic year for high school seniors who reside in one of the 13 states serviced by BNSF.
- Chevron Corporation Scholarship
 - o \$5,000 for the academic year for undergraduate or graduate students. Must be pursuing a degree that is beneficial to Chevron business. This may include STEM degrees as well as business related studies.
- Intel Growing the Legacy Scholarship Program
 - o \$5,000 for undergraduate or \$10,000 for graduate students and a paid internship opportunity. Open to students pursuing degrees in Computer Science, Computer Engineering, and Electrical Engineering. Chemical Engineering and Mechanical Science will also be considered.
- Naval Sea Systems Command (NAVSEA) and Strategic Systems Program Scholarship
 - o Open to high school seniors. Consists of two parts, a one-time \$10,000 scholarship awarded freshman year; an opportunity to apply for summer employment, which provides technical work experience and continued tuition assistance.
- Deadline: May 1, 2017
- More information at: <https://aises.awardspring.com/>

Dept. of Energy Office of Science Graduate Student Research (SCGSR) Program

- Goal is to prepare graduate students by providing opportunities to complete graduate thesis research
- Deadline: May 16, 2017
- More information at: <https://science.energy.gov/wdts/scgsr/>

Core Fulbright U.S. Scholars Program

- Teaching and/or research awards available to be completed in the 2018-2019 academic year.
- Deadline: August 1, 2017
- More information at: <https://goo.gl/aIqgfw>

BUILDING YOUR PERSONAL NETWORK

Are you feeling stressed with school? Do you have anxiety when you think about your classes, internships, etc.? If so, take a look at the latest issue of AISES's Winds of Change. In March, AISES released an article which discusses how building your personal network can help students tackle challenges in the educational and workplace settings. By networking with those around them, students can learn about new opportunities and also receive support for the challenges they may face. Please see the link below for the full article.



Article Link: <http://www.aises.org/email-template/pathways/WOCPathways.March.2017.pdf>

AISES MEMBERSHIP DRIVE

The American Indian Science and Engineering Society (AISES) is having a Membership Drive. Currently, you can register to become an AISES member at a discounted rate. Pre-college students can enroll as members for FREE! For college students, the cost is \$5, and professionals have a cost of \$25. You can sign up or renew your membership at this link: <http://www.aises.org/membership>

STUDENT OPPORTUNITIES

U.S. Army Health Education Scholarships

- For students pursuing an advanced health care health care degree
- Deadline: April 28, 2017
- More information at:
<https://www.goarmy.com/amedd/education/hpsp.html>

CHCI-United Health Foundation Scholar Intern Program

- Helps students pursue health-related careers through distribution of scholarship funds and a paid internship opportunity
- Deadline: April 28, 2017
- More information at:
http://chci.org/programs/scholar_intern/chci-united_health_foundation_scholar_intern_program/

If you would like to submit an opportunity, story for student spotlight, or have suggestions on what to include in the next monthly update, please contact us!

WE VALUE YOUR INPUT!

Pearl Walker, INBRE Project Manager
pearl.walker@ndsu.edu

Vanessa Tibbitts, Public Health Education Manager
vanessa.tibbitts@ndsu.edu

Ryan Eagle, Public Health Research Manager
ryan.eagle@ndsu.edu

Allison Goldenstein, INBRE Graduate Assistant
allison.goldenstein@ndsu.edu