



NDSU INBRE Monthly Update

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Announcement

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Danielle Pinnick joins the NDSU INBRE team as Project Manager. Danni holds a Bachelor of Science Degree in Chemistry and a Master of Public Health Degree, both from NDSU. She has been working for the NDSU Department of Public Health since December of 2016 as the Center for Immunization Research and Education AFIIX Project Manager. Previously, she worked for the Human Development and Family Sciences Department as an Adjunct Instructor, and for the Department of Public Health as a Graduate Research and Teaching Assistant. She is also a member of the NDSU Staff Senate, NDUS State Staff Senate, and serves as the ND Public Health Association Policy and Advocacy Committee Chair. Danni lives in Fargo with her husband and daughter.

For more information on Danni's work with CIRE, visit <https://www.ndsu.edu/centers/immunize/>

Please welcome Danni to the team!

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Course Update: Public Health in Indian Country

The NHSC course "Public Health for Indian Country" PH 111 officially started on August 21, 2018 with the first lecture given in campus by our former project manager Pearl Walker-Swaney. "Interdisciplinary Approaches to Public Health" PH 111 is being taught in collaboration with Nueta Hidatsa Sahnish College (NHSC), in New Town, ND. This 17-week course provides an overview of public health topics that are especially pertinent to American Indians, especially those who live and work in Western North Dakota. The course is delivered in a hybrid fashion, with professors lecturing via IVN software from NDSU's Public Health Department, to students who meet at NHSC. The class covers topics such as policy, chronic disease, environmental health, nutrition, and data collection. Professors and guest-lecturers include Pearl Walker-Swaney, Dr. Siobhan Wescott, Dr. Bernhardt Saini-Eidukat, Dr. Kalidas Shetty, Jacob Walker-Swaney, Dr. Dipayan Sarkar, and Dr. Andrea Huseuth-Zosel. Danielle Pinnick facilitates the course.

It is now in its 8th week, and we wish success to the students with their course.



2018 American Indian Health Research Conference



The 16th Annual American Indian Health Research Conference (AIHRC) was held on Saturday, October 20th, at the University of North Dakota Medical School, in Grand Forks, ND. Speakers included Rodney Haring from the Roswell Park Comprehensive Cancer Center, Kris Rhodes from the American Indian Cancer Foundation, Mary Anne Reitmeir from Bemidji State University, John A. Anderson from the Money Follows the Person Demonstration Project, and NDSU's Dr. Melanie Nadeau, from the American Indian Public Health Resource Center. Presenters spoke on topics related to working with American Indian populations throughout the US on Cancer Prevention and Health Promotion.

Air Quality Project Update

INBRE and NHSC are working to analyze the air quality environment of NHSC's welding lab, to assess the safety of students and staff who learn and work in this area. After collecting samples this summer, researchers are compiling results and preparing reports. The reports will include sample locations, along with the time the particle was collected, and size of the particle collected. The research team are planning to present their findings, at upcoming conferences.



SEA-PHAGES Program



The SEA-PHAGES program is the Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science. It is a national, research-based laboratory course aimed at early career science students. Participating students isolate and characterize bacteriophage from local environment, annotate the phage genomes, and submit the annotated sequences to the National Center for Biotechnology Information Gen Bank database. As of 2017-2018, close to 4,500 mostly first-year students from 112 different colleges and universities have participated. Participating students acquire early and meaningful research experience. This program makes students more productive and prepared for advanced research opportunities. The SEA-PHAGES program has generated more than 80 publications to date.

Application to this program for the 2019-2020 academic year have been extended to November 16, 2018. To learn more about the program, visit their website at <https://seaphages.org/>

SURP Pop-Up Workshop

The NDSU INBRE Team will be working with the Turtle Mountain Community College faculty to coordinate a SURP (Summer Undergraduate Research Program) Pop-Up Workshop. A meeting has been rescheduled for INBRE staff to meet with TMCC faculty in November. The goals of the meeting are for INBRE staff to listen to types of sessions and topics TMCC would like for their students to gain from the Pop-Up Workshop. Updates will be available following the meeting. For immediate questions, or for more information regarding the Pop-Up Workshop, contact the team listed in the contact box on the next page.



Upcoming Events

Conferences & Symposia

❖ 2018 Native American Women's Conference

Prescott, AZ

November 7

For more information visit: <http://nawc-az.com/>

❖ Native Language Symposium

Santa Fe, NM

November 14-15

For more information visit: <http://www.niea.org/event/native-language-symposium-keres-childrens-learning-center/>

❖ American Public Health Association Annual Meeting & Expo

San Diego, CA

November 10-14

For more information visit: <https://www.apha.org/events-and-meetings/annualmm>

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If you would like to nominate a student to be featured in our newsletter, have suggestions, or questions, contact us!

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