

# NDSU INBRE MONTHLY UPDATE

Year 3/ June 2016



## JUNE HIGHLIGHTS

SURP 2016 SURVEYS

STUDENT SPOTLIGHT

DR. WARNE'S HONOR

AIPHRC RESEARCH  
MANAGER

MPH RECIPROCITY

## SUMMER UNDERGRADUATE RESEARCH PROGRAM

The 2016 Summer Undergraduate Research Program concluded on May 28<sup>th</sup>, 2016. The program lasted two weeks with students participating in research sessions, professional development workshops, as well as touring several research facilities in the Fargo-Moorhead area.

We had five students participate in this year's program. Three students currently attend Turtle Mountain Community College and two students attend North Dakota State University. The students are interested in medicine, nursing, electrical engineering, and agriculture economics.

The five students took a pre-survey and post-survey during the program and were asked questions pertaining to their interest in public health and STEM careers. They were also asked about their culture and how compatible they felt it was with each of these career areas. In addition, the students noted their knowledge of indigenous research methodologies and gave their opinions of what they had learned from the program.

One student's data from the survey was voided, leaving a total of four responses for the pre-survey and post-survey. There was a 25% total increase in the students' interest in a public health career from the beginning of the program to the end. There was also a 25% total increase in interest for pursuing a future career in science, technology, engineering, or mathematics.

The questions pertaining to culture and indigenous research methodologies each displayed at least a 25% increase in improvement. The students remarked that they are now more able to integrate their culture into a public health career as well as indigenous research methodologies into their career.

The students provided valuable feedback about the program and shared some of the most treasured things they had learned. One student remarked, "The most valuable thing I have learned is indigenous research methodologies and how to combine culture with research." We are proud to announce that the program turned out well!



## STUDENT SPOTLIGHT

Mykaylynne Belgarde is a member of the Turtle Mountain Band of Chippewa Indians and is a sophomore at North Dakota State University. Mykaylynne attended the 2016 Summer Undergraduate Research Program to learn more about the engineering field and research methods. Mykaylynne is majoring in electrical engineering and will be starting her second year of research with Dr. Robert Pieri this next year.

Mykaylynne and Dr. Pieri have worked on a study titled, “Analyzing new aspects of engineering to better improve the future.” Her role in this research project has included thinking of new ideas to revise current engineering projects. She has participated in analytically dissecting current engineering research projects to find new solutions to current challenges.

One of Mykaylynne’s most memorable accomplishments includes making the Dean’s List at NDSU this past year in Electrical Engineering. Next summer she will be completing an internship with General Electric in aviation software engineering. We look forward to hearing more about Mykaylynne’s accomplishments in this field!



*Mykaylynne Belgarde – Photo Courtesy of Allison Goldenstein*

## DR. DONALD WARNE’S HONOR

Dr. Donald Warne, chair of the Department of Public Health, was the keynote speaker at the National Council of Urban Indian Health Leadership Conference. This conference took place on May 12-13 in San Diego, California.

## STUDENT OPPORTUNITIES

### Tylenol Future Care Scholarship

- Applicants must be either undergraduate or graduate students in a health-related field
- Must be a resident of the 50 states, Puerto Rico, or the District of Columbia
- Deadline: June 30, 2016
- More information at: <https://www.tylenol.com/news/scholarship>

### Laboratory Leadership Service (LLS) Fellowship

- 2-year laboratory training fellowship that provides scientists with a strong foundation for future leadership
- Must have a doctoral-level degree
- Deadline: August 15, 2016
- More information at: <http://www.cdc.gov/lls/>

### CDC Epidemic Intelligence Service

- Designed for applicants who are interested in practicing applied epidemiology for their careers
- Deadline: August 15, 2016
- More information at: <http://www.cdc.gov/eis/application.html>

### UND Summer Transportation Institute

- Opportunity for high school students
- Students will participate in engineering projects, field trips, work on computers and enjoy many recreational activities and personal development
- For more information email: [daba.gedafa@enr.und.edu](mailto:daba.gedafa@enr.und.edu)

### 2016 Pre-Admission Workshop (University of Minnesota Medical School)

- Available to American Indian/Alaska Native (AI/AN) undergraduate and graduate students interested in pursuing a career in the allied health or medicine fields
- August 8-10, 2016
- Deadline: July 15, 2016
- For more information email: [glinkford@aaip.org](mailto:glinkford@aaip.org)

### CDC Epidemiology Fellowship

- This is a fellowship opportunity is available in the Epidemiology and Prevention Branch in the Influenza Division
- For post-master’s students
- Apply at: <https://www.zintellect.com/Posting/Details/222>

Dr. Warne was recognized as a national honoree during this conference at the 2016 Pendelton Blanket Recognition Dinner. This honor recognizes the importance of combining traditionally and culturally competent practices with health strategies to treat patients.

To learn more about his accomplishment, please take a look at the article published by NDSU!

<https://www.ndsu.edu/news/view/detail/24859/>

## NEW AIPHRC RESEARCH MANAGER

Ryan Eagle (*MHA Nation*) is the new Research Manager of the American Indian Public Health Research Center in the Department of Public Health at NDSU. Ryan will be working with the INBRE team on projects including the Tribal Air Quality Study, Summer Undergraduate Research Program, Research Training Modules, and Key Informant Interviews. We are excited to have Ryan be part of the INBRE/MPH team!



Ryan Eagle – Photo Courtesy of Ryan Eagle

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STATE UNIVERSITY

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!

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## NDSU MPH RECIPROCITY EXPANSION

The NDSU Master of Public Health (MPH) program recently was accepted into the Western Regional Graduate Program. Students who are residents in the Western Interstate Commission for Higher Education states will now pay North Dakota resident tuition starting in the fall of 2016. States included in this agreement are Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming, and the Commonwealth of the Northern Mariana Islands.

The NDSU Master of Public Health program applied to the Western Regional Graduate Program this past winter and was accepted this summer. This acceptance is convenient for distance students who plan to complete the program online. The NDSU MPH program offers four specialty tracks: American Indian Public Health, Public Health in Clinical Systems, Management of Infectious Diseases, and Health Promotion. Please email MPH program coordinator Stefanie Meyer, [stefanie.meyer@ndsu.edu](mailto:stefanie.meyer@ndsu.edu), for more information about this agreement!