



NDSU INBRE faculty, staff, and staff from the American Indian Public Health Resource Center participated in a professional development training by Insights. Insights developed an assessment of work preferences and communication styles based Jungian philosophy. The training promotes methods for communicating with people that lead differently than you and discovering your assets you bring to the team through self-reflection.

NDSU INBRE Monthly Update

PROJECT PROGRESS | PROFESSIONAL DEVELOPMENT | TRANSITIONS | SURP 2018

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Health Equity Summit: Bridging the Gap

Sponsored by NDSU Department of Public Health and the AIPHRC

NDSU's Department of Public Health and American Indian Public Health Resource Center partnered to host the state's first Health Equity Summit on April 9-10, 2018. The Summit began with an opening networking reception on April 9th that featured a blessing from a local spiritual leader, the Buffalo River drum group, entertainment from a local musician, and appetizers. The goal of the meeting was to connect public health professionals and students in efforts to bridge gaps to advance health equity and social justice. Each session for the Summit was designed to be interactive to meet this goal. Attendees were split into 3 groups and each rotated through the breakout workshops that ran concurrently. The breakout workshops included: Technology Assisted Group Decisions, Health Equity and Social Justice Value Propositions, and Power and Health Equity. A legislative panel, student panel from current NDSU MPH students, and the keynote speaker closed the Summit.

Technology Assisted Group Decisions focused on beliefs and hopes for health equity and social justice in North Dakota. Attendees participated in an online form of a focus group that allowed everyone to weigh in on ideas and practices to build health equity in the state and remain anonymous. The format was similar to a Twitter chat, however, each comment was solicited a number that changed with each question; keeping all comments and input anonymous. This session provided a way for all participants to share their responses to

questions at the same time, without running into individuals dominating the conversation.

Health Equity and Social Justice Value Propositions focused on principles of health equity and social justice to identify the following: (1) why values are important, (2) what needs to be done to uphold the values, and (3) who should be at the table to assure these values are upheld. This session broke attendees into small groups of 4-5 to identify each of the three principles that were posed as social justice value questions. The format was comparable to a round table discussion on various topics, except, attendees were not listening to a presenter, rather were thinking together to problem-solve. There were three questions and each group spent 30 minutes on each question identifying why the values were important, what needs to be done to uphold the values, and who needs to be at the table.

Power and Health Equity focused on system disruption. The session explored disruption as a strategy to create positive change within systems (ie. social, political, economic, and others). The framework of systems disruptions included the three P's- Poverty, Power, and Participation. System disruption is defined as a though process and action that is taken to work towards growth in a way that varies from the status quo. Small group discussions and silent reflection-sharing were an interactive part of this session.

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The legislative panel featured the following representatives: Thomas Beadle District 27, Joshua Boschee District 44, Ron Guggisberg District 11, Shannon Roers Jones District 46, and Brandy Pyle District 22. The panel was facilitated by the AIPHRC Policy Manager, Gretchen Dobervich, a candidate for the District 41 legislative position. The student panel featured the following rising public health professionals:

Clinton Alexander (*White Earth Ojibwe*) specializing in American Indian Public Health; current Program Manager for the White Earth Harm Reduction & Integrated Service Program

Mahmoud Tomeh (*Syria*) specializing in Management of Infectious Disease; current research assistant for the Maternal, Infant and Early Childhood Home Visiting Program

Xiozheng Yang (*China*) specializing in Community Health Sciences; current research assistant in the College of Health Professions focusing on chronic disease research and global health

Hannah Youngdeer (*Eastern Band of Cherokee*) specializing in American Indian Public Health; current staff with Turtle Mountain and White Earth on a grant that focuses on the treatment and prevention of opioid and other substance use disorders, her interest is preventing illness because of substance abuse and its effects on neonatal abstinence syndrome.

The agenda for the agenda for the Summit was as follows:

7am-8am	Registration
8am-8:15am	Introduction by Dr. Abby Gold
8:15am-8:45am	Privilege Activity facilitated by Dr. Mary Larson
8:45am-10:15am	First Round of Breakout Workshops
10:15am-10:30am	Break
10:30am-12:00pm	Second Round of Breakout Workshops
12pm-1pm	Lunch
1pm-2:30pm	Third Round of Breakout Workshops
2:30pm-3:30pm	Legislative Panel
3:30pm-3:45pm	Break
3:45pm-4:30pm	Student Panel
4:30pm-5:15pm	Keynote Speaker- Faye Seidler
5:15pm-5:30pm	Closing Remarks

The Summit was funded by the North Dakota Department of Health and the NDSU Foundation Impact Grant. The planners of the Summit received tremendous remarks of gratitude and hopes for it to become an annual Summit. They will be working on developing a report based on the input from breakout sessions for attendees. For questions about the design of the Summit please contact Vanessa Tibbitts

vanessa.tibbitts@ndsu.edu or Abby Gold abby.gold@ndsu.edu.

Air Quality Updates

Project Progress

April 18, 2018 marked another transport of filters for the air quality project. NHSC student, Lizette Alvarez, came to meet with the research team at NDSU assisting with the technical design and data analysis of the project. Lizette will be bringing conditioned filters to resume air sampling to NHSC.

The meeting included Ann VanderLeen, an NDSU undergraduate research assistant on the project supervised by Dr. Saini-Eidukat, Dr. Shafiqur Rahman, Dr. Mohammad

Borhan, and NDSU graduate research assistant Niloy Sarker supervised by Dr. Borhan and Dr. Rahman. Lizette provided

the research team with a background on the indoor air sampling of the welding lab at NHSC over the winter and the plans for resuming outdoor air sampling as warmer weather is consistent. NHSC researchers will set up sites near paved and unpaved roads, record wind speed, and track the traffic at these sample sites. NHSC has been given approval to use a motion detector strip for the road by the Transportation Department to record truck traffic.

The project will also investigate air quality by piloting portable environmental monitors. These monitors capture real-time data that is uploaded to a database and can produce a map of mobile sampling or stationary sampling. The NDSU research team will test the equipment and train NHSC researchers before the piloting of the monitors are used at NHSC. As outdoor sampling resumes, NDSU researchers anticipate making a trip to NHSC to see the sampling sites and assist with the project design as needed.

SURP 2018 Scholars

Selected Candidates

As the final planning for SURP 2018 is underway, SURP staff want to congratulate the students selected to participate in this year's program. These students will have the opportunity to receive 1 college credit for the completion of the 2-week program. The following students will participate in this year's SURP:

- Lizette Alvarez (*MHA Nation*), NHSC Student
- Kara Charette (*Turtle Mountain*), TMCC Student
- Mya Vetter (*Spirit Lake/Standing Rock*), Linton High School
- Elise Spears (*Turtle Mountain*), Davies High School

These students will undergo an intensive 2-week training in research methods, practices, and critical thinking through the lens of public health. Students will also be paired with their top choice mentor(s) for the duration of the program. Profiles of the students will be shared in the June monthly newsletter as well as a recap of their experience in the program.

Congrats again to all selected scholars!

Announcements

Rising Leaders



NDSU Department of Public Health Chair, Donald Warne, announced that he has accepted a new position as Associate Dean for Diversity, Equity, and Inclusion and the Director of Indians into Medicine (INMED) at the University of North Dakota (UND). Dr. Warne began work at NDSU in 2011 as the Director of the newly formed Master of Public Health program, at the time, and established the first American Indian Public Health MPH specialization in the U.S. The

program quickly expanded and under his leadership, became its own department, and he became the Chair of the Department of Public Health in 2015. The program is CEPH (Council on Education for Public Health) accredited through December 2021.

In addition to these accomplishments, Dr. Warne secured several public health grants that focused on improving American Indian health, scholarships to support the NDSU MPH program, established the American Indian Public Health Resource Center (AIPHRC), INBRE, and impacted many MPH students. He begins his term at UND this month. NDSU INBRE projects will continue for the remaining program year. The Department of Public Health is hosting a Farewell Reception to acknowledge and honor his accomplishments. As he begins a new chapter in his career, NDSU INBRE expresses gratitude for his leadership of INBRE projects, will miss him and hope to collaborate in the future, and wishes him well as he begins his new role at UND.

Thank you, Dr. Warne!

For the announcement on his new duties at UND visit:

<http://med.und.edu/news/2018/04/warne-named-inmed-director-at-smhs.cfm>



Another transition for the INBRE team is Dr. Neil Dyer, the interim Attending Veterinarian and INBRE faculty mentor, has been named as the Attending Veterinarian. Dr. Dyer will begin this transition immediately. This new role does not allow him to have teaching responsibilities, hence, he will roll off as an INBRE faculty mentor. He has been in animal care since 1995 when he started his work at NDSU in the veterinary diagnostic laboratory (VDL). He was the Director of VDL for 20 years and stepped down from this role in

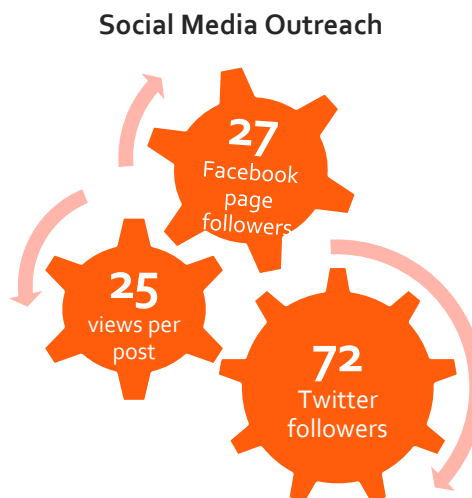
2016. He has worked in the regulation of animal research at NDSU, back-up attending veterinarian, and has been the Chair of the NDSU Institutional Animal Care and Use Committee (IACUC).

He enjoys helping researchers be successful in their activities and helping them navigate the requirements of the IACUC. Dr. Dyer is from Bismarck and received his B.S. in Zoology from NDSU and a M.S. in Veterinary Pathology from Iowa State University. His experience with exotic, small, and mixed animal, teaching animal health courses, work as a diagnostic pathologist, and facilitator of animal care and use make him the perfect person for this role. NDSU INBRE appreciates his commitment to reaching out and engaging tribal college students in pursuing careers in animal health and wishes him well in his new role as Attending Veterinarian.

Thank you, Dr. Dyer!

Year 4 in Review

As INBRE begins its final year of the 5-year grant, INBRE wanted to highlight this past year. From May 2017 to April 2018, INBRE has developed new partners, contributed to new projects, and presented to national and regional audiences. NDSU INBRE staff also took the time for community involvement and was a recipient of team awards. See below snapshot of INBRE's success in Year 4.



Community Engagement

- Expand Your Horizons Workshop **NDSU**
- Science Fair Judging **Circle of Life Academy**
- Undergraduate Scientific Poster Judging **AISES**

Awards

- Team Award Recipient**
NDSU 2017 Staff Awards
- Public Health Team of the Year Award Recipient**
Dakota Conference on Rural Health



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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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Congratulations Graduates!
Class of 2018, NDSU INBRE
wishes you well.