

NDSU INBRE Monthly Update

COMMUNITY EVENTS | BIOMEDICAL ANNOUNCEMENT | INBRE SYMPOSIUM | OPPORTUNITIES

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City of Fargo celebrates Indigenous People's Day

Fargo, ND October 9, 2017

In 2015, the Fargo Native American Commission formed an ad-hoc committee to begin working on the development of a resolution that would change the name of Columbus Day to Indigenous People's Day. The resolution was brought to the Fargo City Commissioners to vote. The resolution passed to officially change the name of Columbus Day to Indigenous People's Day in October 2015. The resolution recognizes the significant contributions of indigenous peoples to the US and the true history of Christopher Columbus.

October 10, 2016 marked the inaugural celebration and recognition of this special day. The Fargo Native American Commission worked on developing educational events that were open to the community. The event featured opening remarks from Scott Davis and Tim Mathern, a presentation from Gerard Baker (*MHA Nation*), a panel on the impact of colonization from local leaders in indigenous knowledge including Dr. Michael Yellow Bird (*MHA Nation*), Dr. Denise Lajimodiere (*Turtle Mt.*), Jacob Walker-Swaney (*Piqua Shawnee/Potawatomi*), and a closing

presentation by Steven Paul Judd (*Kiowa-Choctaw*). Dr. James Loewen also presented as part of this panel. The Inaugural Indigenous People's Day honored Jaclynn Walette Davis (*Turtle Mt.*) for her work and service to the Fargo Native American community and for those in education with the Gladys Ray Award. Dr. Donald Warne was the moderator for this event.

This year's Indigenous People's Day celebration was focused on youth. The theme of this year's event was Strengthening Community through Reconciliation & Healing. The celebration on October 9, 2017 started with youth events at the Agassiz School. Trainers from Native STAND (Students Together Against Negative Decisions) did team building activities with more than 70 local Native American youth on the strength of a community. This was followed by a Mindfulness workshop led by Dr. Michael Yellow Bird (*MHA Nation*). The youth events closed with a Spoken Word Workshop and Performance by a local Ojibwe artist, Mic Jordan (*Turtle Mt.*). The Fargo Native American Commission provided a community

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meal and organized a community powwow that was free and open to the public. At the powwow, the Commission honored Mary John from the community with the Gladys Ray Award for her work and assistance in helping those in the native community. For more information on Indigenous People's Day contact Willard Yellow Bird, City of Fargo Cultural Planner at 701-476-4116.

Native American Heritage Month events

North Dakota State University, Fargo, ND

NDSU's American Indian Public Health Resource Center (AIPHRC) and the Office of Multicultural Programs (OMP) are collaborating to host Native American Heritage Month events. Native American Heritage Month is a month-long celebration in November to commemorate the contributions and accomplishments of Native Americans, as well as culture, resilience, and educating others about Native American history and culture.

The following events are planned for the celebration:

- Opening Ceremony, Oct. 17th 5-7pm, Memorial Union (MU) Gallery
- Native Voices Exhibit, Oct. 17-Nov. 16, MU Gallery
- Mindfulness, Psychology, and Resilience Panel, Oct. 19th, 12pm Badlands Room
- Essence of Healing Screening, Oct. 23rd, 12pm Century Theatre
- Sacred Water: Standing Rock Part 1, Oct. 30th, 12pm Century Theatre
- Red Power: Standing Rock Part 2, Oct. 31st, 12pm Century Theatre
- Environment Panel, Nov. 2nd, 12pm Badlands Room
- Traditional and Medicinal Food Panel, Nov. 6th, 12pm Library
- Animal Healing Panel, Nov. 9th 12pm, Badlands Room
- Traditional Healers Panel, Nov. 14th, 12pm, Badlands Room
- Survivors Panel, Nov. 17th, 12pm Badlands Room

Schedule of events are subject to change. For more questions about the list of events please contact the Office of Multicultural Programs at ndsuhm@ndsuhm.edu or the AIPHRC at 701-231-6269.

Biomedical Research Opportunity

Sponsored by University of Utah

The Native American Summer Research Internship (NARI) is for **junior and senior undergraduate students**. This dynamic summer program is for students interested in **Health Science** research. The internship is hosted by the University of Utah in **Salt Lake City**. The focus of the internship is to provide Native American students with hands-on world class laboratory or clinically based research experience.

Students will work with research mentors, Native American faculty and staff mentors, attend the Native American Health Conference and shadow physicians. Other benefits of the program include:

- (1) graduate school and medical school preparation,
- (2) career development
- (3) creating and presenting scientific research,
- (4) compensation and housing are covered by the program,
- (5) spend 10 weeks in Salt Lake City, Utah.

Applications are now available. No previous research experience required. Apply now at <https://medicine.utah.edu/pediatrics/research/education/nari.php> or contact

Majia Holsti, MD Associate Director
majia.holsti@hsc.utah.edu

Scott H. Willie NARI Program Coordinator
scott.willie@hsc.utah.edu
(801) 213-4116



Native American Research Internship



May 29 - August 3, 2018
Salt Lake City, Utah

Application Deadline February 23, 2018

INBRE Symposium

Sponsored by ND INBRE

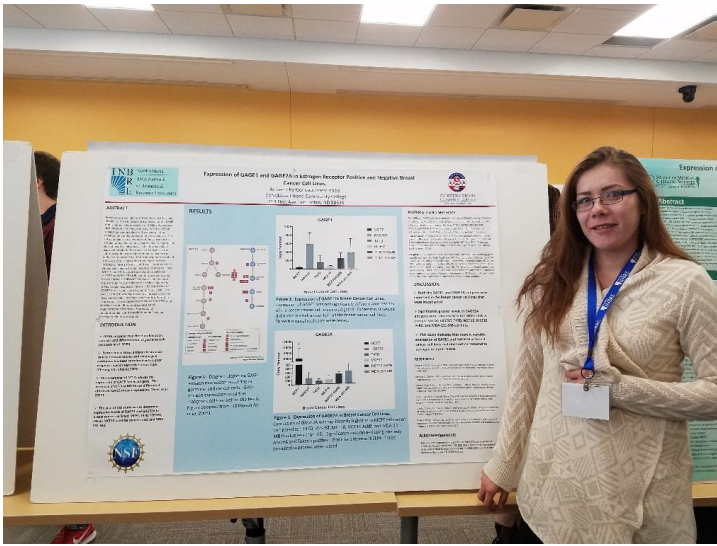
North Dakota INBRE, housed at UND School of Medicine & Health Sciences, hosted the Annual INBRE Symposium October 14-15th. The annual event brings together faculty and student researchers from tribal colleges and universities from across the state.

The first day started with a light breakfast and a welcome speech by Dr. Donald Sens, Principal investigator ND INBRE and Dr. Joshua Wynne, Dean of UND School of Medicine and Health Sciences and UND Vice President for Health Affairs. The afternoon session included a presentation on professional school admission for undergraduates by Dr. Joyceln Dorscher Associate Dean Student Affairs and Admissions and ND INBRE competing Renewal for all Faculty and program staff. This was followed by a student poster. The poster session was the high light of the day giving the student researchers an opportunity to discuss their work with the symposium participants.

Among these presenters were SURP alumni, **Amber Charboneau (CCCC)** and **Jesse Rodriguez (TMCC)**, as well as **graduate student Clayton Lupe (SBC)**. Amber is pursuing a nursing degree and had the opportunity to conduct research this past summer under Dr. Brent Voels' lab. Her project was to investigate the expression of GAGE1 and GAGE2A antigens in the estrogen receptor positive and negative in breast cancer cell lines.

This research looks at the expression of the levels of GAGE1 and GAGE2A in 6 breast cancer cell lines. The results found the GAGE1 antigen was present in all breast cancer cell lines, whereas, GAGE2A antigens were significantly higher in the MCF7 cell line. The higher representation of GAGE2A may correlate to differential expression of metallothionein isoforms, indicating the unique role of these genes in the progression of breast cancer. Future studies will investigate the expression of metallothionein 1 and 2.

In addition to the student oral and poster presentations, the symposium featured a keynote speaker and workshops. The dinner keynote was presented by Thomas M. Hyde, MD, Ph.D. who is the Chief Medical Officer at the Lieber Institute for Brain Development.



SURP Alumni, Amber Charboneau (*Spirit Lake*), a student at Candeska Cikana Community College presents her poster at the 5th Annual INBRE Symposium.

Dr. Hyde is also the Director of the Section of Neuropathology. He spoke about postmortem human brain studies of schizophrenia, bipolar disorder, and PTSD.

Day 2 of the conference included workshops on western blotting, confocal microscopy, qPCR, and immunohistochemistry in the Pathology labs at the UND School of Medicine & Health Sciences. The new location of the symposium allowed for the space and time for including a dinner keynote and workshops.

More information about the symposium can be found at www.ndinbre.org

Welcome the new INBRE GA!

Department of Public Health

About Me

Haimanot Berhane, MPH candidate

I am Haimanot Berhane, from Eritrea, a small north-eastern country in Africa. I have come from a big family of 6 brothers and 2 sisters. I was raised in a culture which value family and community. Due to the low socio-economic status of my country, there is a marked disparity in the health service in a number of areas. This was one of the main reasons I decided to pursue my higher education in public health after I graduated from the medical school in 2015. Before and after my graduation I worked as a family doctor for almost two years. This was an eye opener for me on the significance of public health on the lives of the population as a whole with hands on experience on the health care system. Working as graduate assistant in the INBRE program will help me to achieve my goal of serving and reaching the underserved communities. I wish to contribute something during my time with the INBRE and continue serving the community after my graduation.

Haimanot will be assisting with the coordination and planning of INBRE projects. Her role as a graduate assistant is vital to the communication and success of INBRE projects. Welcome Haimanot!



Haimanot Berhane, MD, MPH Candidate

NCRCRD Small Grants

Sponsored by Michigan State University

The **North Central Regional Center for Rural Development** is a center based at Michigan State University. It is jointly funded by USDA and Land Grant Universities in: Minnesota, North Dakota, South Dakota, Kansas, Nebraska, Iowa, Missouri, Wisconsin, Illinois, Michigan, Indiana, and Ohio. This is 1 of 4 centers that collaboratively works with extension professionals and researchers to enhance rural development outcomes. Their goal is to establish collaborative working relationships across the region to address emerging issues of interest in rural

communities. They have recently issued an RFP for their Small Grants program. The proposed projects must focus on: building a 21st century, sustainable communities, leadership development and civic engagement, and community health and wellness. The NCRCRD also supports work on rural poverty, addressing physical and mental health challenges, and demographic change. Grants may range from \$5,000 to \$25,000. For more information see the RFP at:

<http://ncrcrd.msu.edu/grants>

Educator Opportunities

Upcoming and Open Applications

Educator Summer Research Opportunity

- Educators of Native American students are invited to apply for the Optics Research Experience for Teachers in Native American Schools (O-RETINAS).
- 8 week program with projects in STEM
- June 4-July 27, 2018
- \$6000 stipend, travel, housing, and \$1500 classroom supply budget
- Application due: December 4, 2017
- http://cian-erc.org/_ret-native-american-students
- Contact Ameer Hennig with questions amee@optics.arizona.edu, 520-621-8253

- For African-American, Hispanic/Latino and American Indian/Alaska Native individuals
- Paper on biomedical or health-related scientific research
- The deadline to submit abstracts: **January 4, 2018**.
- To submit abstracts or to register: <http://www.NewEnglandScienceSymposium.org>
- For more information contact rodolfo_amos@hms.harvard.edu or 617.432.5580.

Assistant Project at the Northwest Portland Area Indian Health Board (NPAIHB)

- Closing Date: 10/17/17
- Funding Duration: Through 9/30/2019
- Location; Portland Oregon
- Application can be found online www.npaihb.org

American Philosophical Society Accepting Applications for Franklin Research Grants

- Applicants are expected to have a doctorate or to have published work of doctoral character and quality.
- PhD candidates are not eligible to apply
- For complete program guidelines, an FAQ, and application instructions, see the APS website
- <https://www.amphilsoc.org/grants/franklin-research-grants>

Community Food Projects Competitive Grant Program

- NIFA RFA for FY 2018
- Eligible applicants include: public food program service providers, tribal organizations, private nonprofits
- Applications due: December 4, 2017
- Webinar for potential applicants on **Monday October 16, 2017 2PM (ET)** at <http://nifa-connect.nifa.usda.gov/cfp2018/>

Community Food Projects Competitive Grant Program, USDA National Institute of Food and Agriculture

- Applications due December 4, 2017.
- Eligible applicants include public food program service providers, tribal organizations, or private nonprofit entities, including gleaners.
- For more information: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=297333>

Native American Scholars Fellowships at the School for Advanced Research

- **Katrin H.Lmon fellowship**
- Nine months residential fellowship for native scholars working in humanities
- Eligibility –Scholars with doctorate who plan to write their books, PhD candidates who plan to write their dissertation
- Stipend - \$40,000 for doctoral scholars, \$30,000 for PhD candidates
- Additional- housing and office space at the SAR campus
- Dead line - first Monday of November each year
- For more information visit : https://sarweb.org/?resident_scholars

New England Science Symposium 2018

Student Opportunities

Upcoming and Open Applications

Native American Research Assistantships

- From the U.S. Forest Service (USFS), Premier Partner of The Wildlife Society
- Eligibility: masters or bachelors in related fields

- Associates degrees from TCUs or other community colleges will be considered.
- For more info contact <http://wildlife.org/apply-now-for-native-american-research-assistantships-2>

Global Health Fellow Program-II 2018 Summer Internships Now Open for Applications!

- A chance to work alongside world-renowned global health experts at the United States Agency for International Development (USAID).
- High-quality technical support for international projects in maternal and child health, family planning, HIV/AIDS, infectious diseases, and other technical areas.
- Tailored learning objectives and an effective evaluation method to maximize their experience.
- Develops a pipeline for the next generation of global health professionals that is representative of the American public,
- **All summer internship applications must be submitted by November 28, 2017 at 5:00 pm eastern time.**
- **To apply online visit:** www.ghfp.net.

Summer 2018 Undergraduate college admissions workshop From College Horizons

- The 6-day workshop focusing on selecting colleges, writing successful college applications, and preparing for college.
- Only 100 applicants will be accepted
- Application deadline is in February.
- Dates and location of Summer 2018 workshop TBA.
- Tribal enrollment and min 3.0 GPA required.
- Cost is \$450 plus travel to location.
- Financial aid for the workshop is available.
- For more info visit:<http://www.collegehorizons.org/college-horizons>

Pre-Dental Admission Workshop for American Indian /Alaskan Native Students

- Help navigate the dental school application process
- Expand professional network,
- **February 1-3, 2018 Mesa, Arizona**
- Attendees will receive lodging and a possible travel stipend
- For more info visit : <http://tinyurl.com/paw2018>

2018 UNITY Midyear Conference Registration NOW OPEN!

- Attendee registration \$200 through Oct. 31!
- Will take place **January 2 - 5, 2018** at Tempe Mission Palms Hotel & Conference Center in Tempe, Arizona.
- Visit <http://unityinc.org/4830-2/>

Udall Undergraduate Scholarship / Disability Rights Scholarships Program

- Scholarships to college sophomores and juniors for leadership, public service, and commitment to issues related to Native American nations or to the environment.
- In 2018, the Udall Foundation anticipates awarding 50 scholarships of up to \$7,000 each.
- **Application Deadline: December 1, 2017**
- For more info visit: <https://www.udall.gov/OurProgr.../Scholarship/Scholarship.aspx>

PCD's 2018 Student Research Paper Contest

- Provide applicants with an opportunity to become familiar with a journal's manuscript submission requirements and peer-review process;
 - Assist applicants to connect their knowledge and training on conducting quality research with a journal's publication expectations;
 - Develop applicants' research and scientific writing skills to become producers of knowledge rather than just consumers of knowledge;
 - Provide applicants with an opportunity to become first author on a peer-reviewed paper;
 - Promote supportive, respectful, and mutually beneficial student/post-graduate—mentor relationships that result in strengthening students' ability to generate and submit future scholarly manuscripts.
- Manuscripts must be received electronically no later than 5:00 PM EST on Friday, February 23, 2018.
- Additional information and detailed submission guidelines are available on the PCD website at <https://www.cdc.gov/pcd/announcements.htm>

Undergraduate Scholarship / Disability Rights Scholarships Program

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- Anticipates awarding 50 scholarships of up to \$7,000 each.
- **Application Deadline: December 1, 2017**
- <https://www.udall.gov/OurProgr.../Scholarship/Scholarship.aspx>

Student Spotlight Section

This section could feature you and/or one of your students who is involved in research!!

If you would like to submit an announcement, student research opportunity, or nominate a student for the Student Spotlight section please contact us:

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

Haimanot Berhane, INBRE Graduate Assistant haimanot.berhane@ndsu.edu

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

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

For archived monthly newsletters or more information visit our website:

www.ndsu.edu/publichealth/inbre