



UND'S ANNUAL INDIGENOUS TRAUMA AND RESILIENCE RESEARCH CENTER COBRE SYMPOSIUM

UND Memorial Union | Henry Family Ballroom

April 18–19 | 8 a.m.–4:30 p.m.

The ITRRC explores the impact of historical and unresolved trauma on health inequities within the American Indian and Alaska Native populations (AIAN). This annual symposium showcases the research activities of ITRRC COBRE junior investigators and brings together nationally recognized experts in community-based, health equity, and Indigenous health research.



Indigenous Trauma & Resilience Research Center (ITRRC)

Centers for Biomedical Research Excellence (COBRE)

The 2024 Indigenous Trauma & Resilience Research Center COBRE Symposium is supported by the National Institute of General Medical Sciences of the National Institutes of Health under Award Number P20GM139759.

EVENT SCHEDULE

Location: UND Memorial Union, Henry Family Ballroom

Thursday, April 18 | 8:00 a.m.–4:30 p.m.

8:00 a.m.–8:30 a.m. **Check-in opens and breakfast**

8:30 a.m. -12:00 p.m. **rETHICS Training**
Tonya Kjerland, M.S.

12:00 p.m. to 1:00 p.m. **Lunch Break**

1:00 p.m.- 4:30 p.m. **rETHICS Training**
Tonya Kjerland, M.S.

Friday, April 19 | 8:00 a.m.–4:30 p.m.

* Denotes webinar presentations for online audience

8:00 a.m.–8:45 a.m. **Check-in opens and breakfast**

8:45 a.m.–9:20 a.m. **Morning blessing and *opening remarks**
Daniel Henry, Ed.D., Melanie Nadeau, Ph.D., MPH., and
Julie Smith-Yliniemi, Ph.D., L.P.C.C.

9:20 a.m.–12:00 p.m. **Morning Session**
*** Screening for Drivers of Maternal Mortality: A Catalyst
for Health Equity For All**
Andrew Willaims, Ph.D., M.P.H.

*** An Indigenous Food for Indigenous People: An Update
on the Health Effects of Traditional Chokeberry**
Joel Steele, Ph.D.

*** Social Determinants of Indigenous Prenatal Drug Use:
Trauma and Resilience**
June-Yung Kim, Ph.D., L.M.S.W.

*** Preliminary Findings from Focus Group Discussions of
Intergenerational Sexual Violence Against Indigenous
Peoples in North Dakota**
RaeAnn Anderson, Ph.D.

12:00 p.m.–1:00 p.m. **Lunch Break**

1:00 p.m.–3:50 p.m.

Afternoon Session

*** Toward an Equitable Future: The Science of Social Determinants of Health**

Shannon Zenk, Ph.D., M.P.H., R.N., Director,
National Institute of Nursing Research

*** Intersections of Healing: Trauma Research, Cultural Immersion, and Mental Health Professionals in Action**

Julie Smith-Yliniemi, Ph.D., L.P.C.C. and
Brynn Luger, Ph.D., L.P.C.C.

*** The Importance of Community Engaged Approaches to Address HIV/AIDS and Substance Use Among Indigenous Youth**

Julie Baldwin, Ph.D., NARBHA Institute Vice Presentation for Northern Arizona University Health, Executive Director of the Center for Health Equity Research, and Regents' Professor in the Dept. Health Sciences.

*** Exploring Indigenous Data Sovereignty—Key Considerations**

Melanie Nadeau, Ph.D., M.P.H.

3:55 p.m.–4:15 p.m.

Cultural Closing

Daniel Henry, Ed.D.

4:15 p.m.–4:30 p.m.

Symposium Evaluation

Alessandra Rader, B.A. (ACET Inc.)

4:35 p.m.–5:35 p.m.

ITRRC COBRE External/Internal Advisory Committee Meeting,

Invitation only

INTRODUCTION

Indigenous Trauma and Resilience Research Center (ITRRC)

The ITRRC has established resource cores and supported three research projects led by assistant professors in the University of North Dakota (UND) Department of Indigenous Health and Public Health Program. The Center has also funded smaller pilot grants and provided research mentorship to early career faculty to establish them as independent investigators. The ITRRC COBRE is supported by the National Institute of General Medical Sciences of the National Institutes of Health under Award Number P20GM139759. The ITRRC is housed in the Department of Indigenous Health at UND's School of Medicine & Health Sciences (SMHS). med.UND.edu/indigenous-health

Research Ethics Training for Health in Indigenous Communities (rETHICS)

rETHICS training is a culturally adapted research training strategy that prepares researchers to conduct ethical research with AIAN communities. At the conclusion of the course, participants will have completed the following required training modules for conducting research with human subjects:

- Research with AIAN Communities
- The History of Ethical Regulations
- What is Human Subjects Research?
- Institutional Review Board (IRB)
- Risks and Benefits from Research
- Ensuring Confidentiality and Managing Risk
- Informed Consent
- Vulnerability
- Children in Research
- Unanticipated Problems
- Reporting Requirements in Research

Upon completion of the training, participants have the option to complete a short quiz to obtain certification.

TONYA KJERLAND, M.S.

Tonya Kjerland is Founder and CEO of Integral Health & Environment Associates (IHEA). Kjerland has held key leadership and resource distribution roles in health and human services with two Tribes in northern Minnesota. She co-developed the Fond du Lac Band of Lake Superior Chippewa's Institutional Review Board. A certified Trainer in Research Training for Health in Indigenous Communities (rETHICS), Kjerland has taught rETHICS since 2019 to academic groups and Tribal communities. Kjerland has led and served on teams of evaluators in the fields of public health and education for a wide range of organizations serving diverse populations from the local to state level. She is the author of the *Wild Rice Monitoring Handbook* and *Wild Rice Monitoring Field Guide*, widely recognized ground-breaking guides for protecting and restoring manoomin (wild rice). She recently led a study that developed and published two tools for evaluating community engagement and context relevance for dementia research with Indigenous communities. She is currently studying Indigenous evaluation and research methods while pursuing a Ph.D. in Indigenous Health at UND.



Scan QR Code to discover more information on Kjerland's research.

DONALD WARNE, M.D., M.P.H.

Donald Warne is the Co-Director at Johns Hopkins Center for Indigenous Health. Warne is an acclaimed physician, one of the world's preeminent scholars in Indigenous health, health education, policy, and equity, and a member of the Oglala Lakota tribe from Pine Ridge, S.D. Warne also serves as Johns Hopkins University's new Provost Fellow for Indigenous Health Policy.

Warne comes from a long line of traditional healers and medicine men and is a celebrated researcher of chronic health inequities.

He is also an educational leader who created the first Indigenous health-focused Master of Public Health and Ph.D. programs in the U.S. or Canada at the North Dakota State University (NDSU) and UND, respectively. Warne previously served at the UND School of Medicine & Health Sciences (SMHS) as professor of Family and Community Medicine and Associate Dean of Diversity, Equity, & Inclusion, as well as Director of the Indians Into Medicine (INMED) and Public Health programs. Warne's career is informed by rich work and life experiences. He served the Pima Indian population in Arizona



as a primary care physician and later worked as a staff clinician with the NIH. He has also served as Health Policy Research director for the Inter-Tribal Council of Arizona, executive director of the Great Plains Tribal Chairmen's Health Board, and faculty member at the Indian Legal Program of the Sandra Day O'Connor College of Law at Arizona State University. Warne has received many awards recognizing his research accomplishments, educational leadership, and service work, including the American Public Health Association's Helen Rodríguez-Trías Award for Social Justice and the Explorer's Club 50 People Changing the World. Warne received a B.S. from Arizona State University, an M.D. from Stanford University's School of Medicine, and an M.P.H. from the Harvard T.H. Chan School of Public Health.

DANIEL HENRY, ED.D.

Daniel Henry (Standing on Green Ground) is a citizen of the Turtle Mountain Band of Chippewa Indians. He earned his Doctorate of Educational Leadership degree from Concordia University-Portland with a concentration in higher education administration. Henry is currently the Director of the INMED Program, an associate professor with the Department of Indigenous Health at UND and is the former Director of the Agriculture Research and Development Department for the Turtle Mountain Band of Chippewa Indian Reservation in North Dakota, as well as the Cares Act Director during the Covid-19 pandemic. He and his spouse Corrylyn have raised four wonderful children: Brooklynn, Cody, Torance, and Connor. He spent many years in education, starting as a paraprofessional and athletic coach in the Turtle Mountain Community School system, teaching math and science and sitting as Department Chair for Math, Science and Engineering at Turtle Mountain Community College (TMCC). He also served as Vice-President of Campus Services at United Tribes Technical College (UTTC). Henry is passionate about his Chippewa culture and history and spent over 25 years teaching, presenting, and sharing his heritage and ancestral teachings. Henry is passionate about environmental and healthcare issues pertaining to Indigenous people and lands, especially in researching decarbonizing the atmosphere, enriching the soil, preserving wild grass lands, and preserving our water quality while using traditional and holistic methods mixed with contemporary approaches to help heal our planet and those who call Akii (Earth) home.



ANDREW WILLIAMS, PH.D., M.P.H.

Andrew D. Williams is an assistant professor in the Department of Population Health at UND SMHS. Williams is a perinatal epidemiologist with an interest in structural inequalities and obstetric and pediatric health outcomes with consequences across the life span. He currently leads the Stress and Health in American Indian Pregnancies study, investigating associations between Adverse Childhood Experiences, historic trauma, stress, and infant growth among American Indian women in North Dakota. Williams was recently awarded an NIH Loan Repayment Program for Health Disparities Research award for his work investigating telehealth use and pregnancy outcomes in North Dakota. In September 2022, the North and South Dakota Perinatal Quality Collaborative (Williams, PI and Executive Director) was awarded a 5-year grant from the Centers for Disease Control and Prevention to implement quality improvement projects at prenatal care sites in the region. Williams completed a postdoctoral fellowship in the Epidemiology Branch of the Eunice Kennedy Shriver National Institute of Child Health and Human Development. He completed his Ph.D. in Maternal and Child Health from the School of Public Health at the University of Maryland in 2017. He earned his M.P.H. in Community Health from New York University and his B.S. in Mass Communications from MSU-Moorhead.



JOEL STEELE, PH.D.

Joel S. Steele is an associate professor of Indigenous Health at UND SMHS as well as the Data Core Lead for the Oregon Alzheimer's Disease Research Center at Oregon Health & Sciences University. He is a first generation academic and identifies as a blend of both Indigenous, as a registered member of the Sisseton Wahpeton Oyate, and Caucasian. He earned a B.S. in Biological Sciences from California State University Sacramento and both a Master's and Doctorate in Quantitative Psychology from the University of California Davis where he focused on intensive longitudinal data analysis. Prior to academia, he worked as a full stack web application developer for various startups in the Sacramento and Bay area regions of California. Following his tech career, he spent three years at the UC Davis MIND institute as a programmer, doing application development, systems integration, and data science. Upon completion of his doctoral work, he joined the faculty at Portland State University where he worked for 11 years and co-founded the Department of Psychology's Applied Quantitative Psychology area. His scholarly work focuses on the use of technology for studying



aging and Alzheimer's along with the development of innovative methods for modeling intensive longitudinal data and measurement. He has been with the Department of Indigenous Health at UND since 2022 and serves as the PI of a COBRE subcontract focused on the health effects of a traditional indigenous food: chokeberry.

JUNE-YUNG KIM, PH.D., L.M.S.W.

June-Yung Kim, an assistant professor of Social Work at UND, holds a Ph.D. in Social Welfare from the Jack, Joseph and Morton Mandel School of Applied Social Sciences, Case Western Reserve University. She earned her M.A. in social welfare (MSW equivalent) from Seoul National University, South Korea. Kim's research aims to help individuals exposed to biologic and environmental risks in utero to lead healthy and resilient lives across the lifespan. Centering on individuals with prenatal exposure to drugs and family violence, her current research focuses on examining how intergenerational and early risk and protective factors, particularly social determinants of health, operate in the development of substance use and co-occurring mental health problems. Kim has been actively involved in federally funded studies as a research fellow and data manager/statistician, including a 21-year longitudinal birth-cohort study investigating the neurobehavioral developmental outcomes of prenatal cocaine/polydrug exposure (NIH/NIDA R01 DA07957). Building on her expertise in neurobehavioral teratology, she, as a pilot project leader, is currently conducting a study, an explanatory design investigation that involves a qualitative literature synthesis and quantitative secondary data analysis to delineate constructs of trauma and resilience across the social determinants of health domains associated with prenatal drug use among Native American women (subaward from the Indigenous Trauma & Resilience Research Center on NIH/NIGMS 1P20GM139759).



RAEANN ANDERSON, PH.D.

RaeAnn E. Anderson is a nationally recognized expert in sexual violence research, particularly in the measurement of sexual violence. She boasts 50+ peer-reviewed empirical publications on sexual violence and 20 on measurement specifically. She has received EPSCoR and community foundation grants to conduct a mixed-methods study on Indigenous college students' preferences for sexual victimization risk reduction interventions. Along with a doctoral mentee, she is the current



awardee of the Ahmad Foundation Endowment for Peace and Conflict Research to study intergenerational continuity. She is currently an NIAAA K awardee with a goal of the K award project, including training in alcohol research methods and related interventions. Her clinical specialty is working with sexual violence survivors, particularly providing trauma-focused therapies. She is a descendant of Swedish settlers and was raised on the historical lands of the Kickapoo. She is an aunt to members of the aunt Prairie Band Potawatomi and Red Cloud Nations.

SHANNON ZENK, PH.D., M.P.H., R.N.

Shannon N. Zenk is Director of the National Institute of Nursing Research (NINR). With a background in nursing and public health, Zenk’s research is centered on environmental injustice and health. Her work takes a contextual and spatial approach to understanding the role of the environment in health behaviors and outcomes, with the ultimate goal of producing evidence to eliminate racial/ethnic and socioeconomic health disparities. Since becoming Director of NINR, Zenk led the development of the Institute’s new strategic plan with a bold focus on social determinants of health and health equity and serves as the co-chair of several NIH-wide efforts, including the Social Determinants of Health Research Coordinating Committee, the Community Partnerships to Advance Science for Society (COMPASS) Program, the Implementing a Maternal health and PRegnancy Outcomes Vision for Everyone (IMPROVE) Initiative, and the Climate Change and Health Initiative. Zenk joined NINR in 2020 following a 14-year career as a faculty member at the University of Illinois Chicago College of Nursing and Institute for Health Research and Policy. She is an elected member of the National Academy of Medicine, a fellow of the American Academy of Nursing, and was inducted into the International Nurse Researcher Hall of Fame in 2019.



JULIE JULIE SMITH-YLINIEMI, PH.D., L.P.C.C.

Julie Smith-Yliniemi is an assistant professor and Director of Community Engagement at the Indigenous Trauma & Resilience Research Center, UND. She is Ojibwe/Anishinaabe, from the White Earth Indian Reservation. Committed to improving Indigenous and underserved populations’ health, she has a background in health education, school counseling, grant management, and clinical mental health therapy. Smith-Yliniemi weaved trauma therapy with Native American traditional healing, co-developed the first domestic cultural immersion event with the National



Board for Certified Counselors (NBCC), and managed an MSPI grant for the White Earth Nation. Collaborating with communities, institutions, and agencies, she focuses on community-engaged research to improve health outcomes. Smith-Ylinimei is a board-certified counselor and school and professional clinical counselor with thirteen years of experience in K–12 public and tribal school systems. She holds a master's degree in counseling from Minnesota State University (MSU)–Moorhead, a Master of Public Health–American Indian Public Health certificate from NDSU, and a Ph.D. in counselor education and supervision. A 2015 NBCC Minority Fellowship Program fellow, Smith-Ylinimei is passionate about preparing students to work with diverse backgrounds. She lives with her family in Detroit Lakes, Minn., enjoying yoga, travel, and outdoor activities year-round and sharing her culture and travel experiences with others.

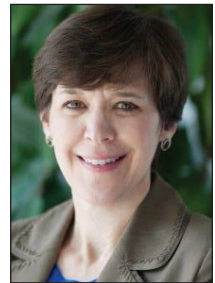
BRYNN LUGER, PH.D., L.P.C.C.

Brynn Luger (Standing Rock Sioux) is an assistant professor in UND's Department of Indigenous Health. She has extensive experience as a licensed clinical counselor specializing in trauma therapy and treatment of substance use disorders. She teaches courses on Indigenous health principles and community-based research approaches. Her research interests include the mental health and wellness of American Indian and Alaska Native (AIAN) communities, secondary trauma in Indigenous counselors, and the efficacy of Ceremony-Assisted Treatment for AIAN individuals with substance use disorders.



JULIE BALDWIN, PH.D.

Julie Baldwin is the NARBHA Institute Vice President for NAU Health, the Executive Director of the Center for Health Equity Research, and a Regents' Professor in the Department of Health Sciences at Northern Arizona University. She earned her doctorate in Behavioral Sciences and Health Education from the Johns Hopkins Bloomberg School of Public Health. From 1994–2004, she served as a tenured faculty member at Northern Arizona University. She joined the faculty at the University of South Florida College of Public Health in the Department of Community and Family Health in 2005. She returned to Northern Arizona University in August 2015 to be the founding director of the Center for Health Equity Research. Baldwin's research over the years has focused on both infectious and chronic disease prevention. Baldwin has had a consistent program of applied research addressing



HIV/AIDS and substance abuse prevention in youth, with a special emphasis on working with American Indian youth and their families. She continues to contribute significantly to this field of research today, as the MPI of a National Institute on Drug Abuse (NIDA) funded research education grant. She is also the Principal Investigator of the Southwest Health Equity Research Collaborative (SHERC), a U54 National Institute on Minority Health and Health Disparities (NIMHD) funded research center for minority institutions. She was recently inducted into the National Academy of Medicine. As a citizen of the Cherokee Nation of Oklahoma, she has made a life-long commitment to serving diverse communities and advocating for health promotion programs for children, adolescents, and families.

MELANIE NADEAU, PH.D., M.P.H.

Melanie Nadeau is an enrolled citizen of the Turtle Mountain Band of Chippewa Indians in Belcourt, North Dakota. She completed her M.P.H. in community health education with a concentration in health disparities and her Ph.D. in social/behavioral epidemiology at the University of Minnesota School of Public Health. Nadeau is a community led scholar and has worked for more than 19 years on various research and evaluation projects within the American Indian community. She has successfully engaged a multitude of tribal health stakeholders from across the nation and is dedicated to improving the health and well-being of Native communities. She currently serves on the Turtle Mountain Band of Chippewa Indians Research Review Board, as program co-chair for the American Evaluation Association Indigenous Peoples in Evaluation Topical Interest Group, on the American Public Health Association American Indian/Alaska Native/Native Hawaiian board, and co-chairs the Tribal Health Data workgroup for the North Dakota Department of Health. Nadeau also serves as graduate program director and assistant professor for the Indigenous Health Ph.D. program at UND SMHS.

