

Partnership for Native American Cancer Prevention
May 3

Sound Check
11:55 AM

Start Time
12:00 PM

Contact UNCLCN

Phone: (919) 445-1000
Email: unclcn@unc.edu
Website: unclcn.org

For technical difficulties: (919) 445-1000, unclcn@unc.edu

For technical difficulties: (919) 445-1000, unclcn@unc.edu

For technical difficulties: (919) 445-1000, unclcn@unc.edu

1

POLL EVERYWHERE

Join by Web

- 1 Go to PollEv.com
- 2 Enter UNCLCN
- 3 Respond to activity

2

TO CLAIM CE CREDIT

To claim CE credit

- View 50 minutes or more
- Fill out an evaluation and select a certificate
- Claim credit within seven days


The following do NOT qualify for CE credit:

- Joining Zoom using Phone audio only (using the Zoom Android or iPhone app is fine)
- Watching with MediaSite

3

AFTER THE WEBINAR

To collect CE Credit,
please wait for UNCLCN
to end the Zoom video.



The Learning Portal only
receives Zoom attendance data
after the Zoom video has ended.

4

**SOUTHEASTERN AMERICAN
INDIAN CANCER HEALTH
EQUITY PARTNERSHIP**

May 3, 2023




Francine C. Gachupin, PhD, MPH


These entities are a collaborative venture





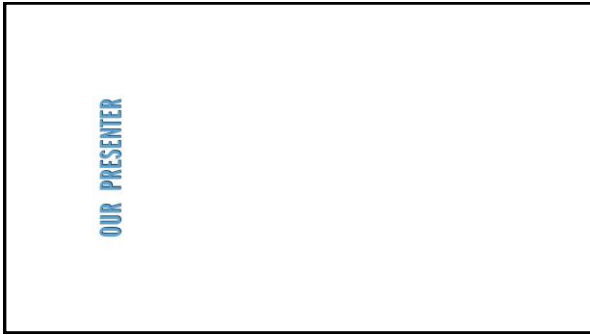
5

OUR PRESENTER



Francine C. Gachupin, PhD, MPH, is an Associate Professor, Department of Family and Community Medicine, College of Medicine, University of Arizona. Dr. Gachupin is a tribal member of the Pueblo of Jemez in New Mexico. She received her Doctorate from the University of New Mexico and her Master of Public Health in Epidemiology from the University of Washington. Dr. Gachupin is currently involved with the University of Arizona Cancer Center (UACC) Partnership for Native American Cancer Prevention (NACP) and works with Dr. Ken Batta, Roswell Park Comprehensive Cancer Center, on renal cell carcinoma health disparities. On the NACP grant, Dr. Gachupin is the UACC PI and NACP Outreach Core PI. The goal of the NACP is to alleviate the unequal burden of cancer among Native Americans of the Southwest through research, training, and community outreach programs in collaboration with tribal communities.

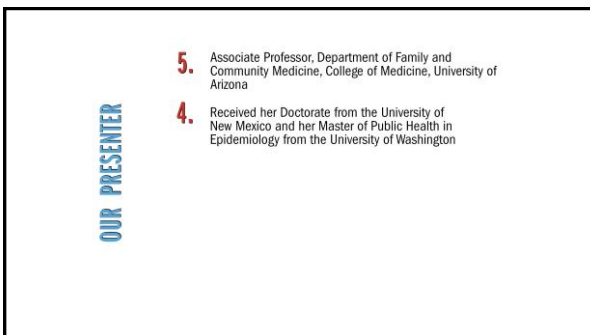
6



7



8



9

OUR PRESENTER

5. Associate Professor, Department of Family and Community Medicine, College of Medicine, University of Arizona
4. Received her Doctorate from the University of New Mexico and her Master of Public Health in Epidemiology from the University of Washington
3. Tribal member of the Pueblo of Jemez in New Mexico

10

OUR PRESENTER

5. Associate Professor, Department of Family and Community Medicine, College of Medicine, University of Arizona
4. Received her Doctorate from the University of New Mexico and her Master of Public Health in Epidemiology from the University of Washington
3. Tribal member of the Pueblo of Jemez in New Mexico
2. Involved with the University of Arizona Cancer Center (UACC) Partnership for Native American Cancer Prevention (NACP)

11

OUR PRESENTER

5. Associate Professor, Department of Family and Community Medicine, College of Medicine, University of Arizona
4. Received her Doctorate from the University of New Mexico and her Master of Public Health in Epidemiology from the University of Washington
3. Tribal member of the Pueblo of Jemez in New Mexico
2. Involved with the University of Arizona Cancer Center (UACC) Partnership for Native American Cancer Prevention (NACP)
1. Dr. Gachupin is the UACC PI and NACP Outreach Core PI.

12

Respond at [PollEv.com/uncncln](https://polllev.com/uncncln)
Text UNCLCN to 22333 once to join, then A or B

UNC Lineberger Cancer Network

The goal of the Partnership for Native American Cancer Prevention (NACP) is to alleviate the unequal burden of cancer among Native Americans of the Southwest through research, training, and community outreach programs.

True A
False B

Powered by Poll Everywhere

13

DISCLOSURES

This activity has been planned and implemented under the sole supervision of the Course Director, William A. Wood, MD, MSc, in association with the UNC Office of Continuing Professional Development (CPD). The course director and CPD staff have no relevant financial relationships with ineligible companies as defined by the ACCME.

The University of North Carolina at Chapel Hill is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

A potential conflict of interest occurs when an individual has an opportunity to affect educational content about health-care products or services of a commercial interest with which they/she has a financial relationship. The speakers and planners of this learning activity have not disclosed any relevant financial relationships with any commercial interests pertaining to this activity.

The presenter has no relevant financial relationships with ineligible companies as defined by the ACCME.

14

When poll is active, respond at polllev.com/uncncln
Text UNCLCN to 22333 once to join

UNC Lineberger Cancer Network

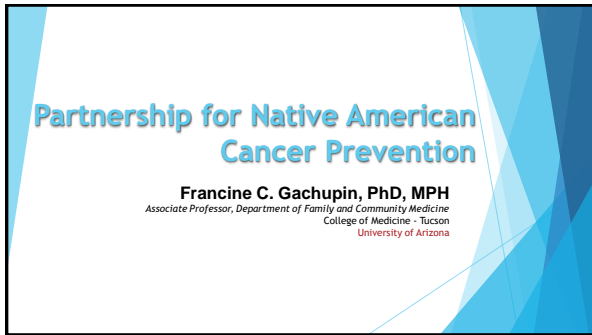
The goal of the Partnership for Native American Cancer Prevention (NACP) is to alleviate the unequal burden of cancer among Native Americans of the Southwest through research, training, and community outreach programs.

True
False

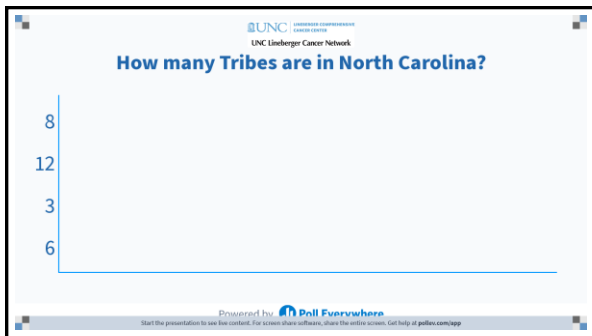
Powered by Poll Everywhere

Start this presentation to see live content. For screen share software, share the entire screen. Get help at polllev.com/app

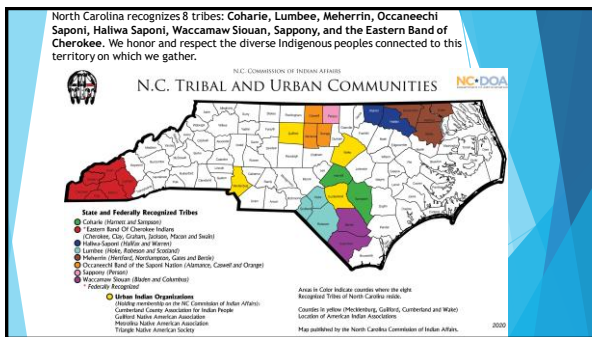
15



16



17



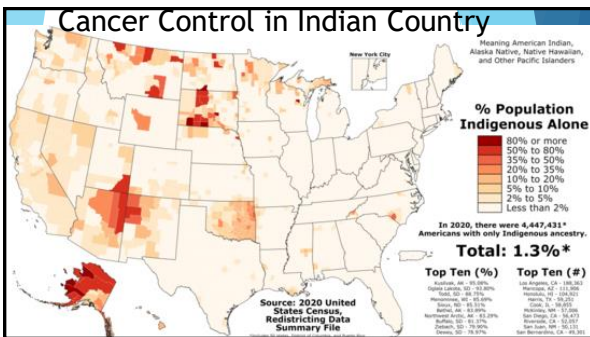
18



19



20




21

IHS and/or NIH and/or CDC

Tribal-Based Epidemiology Centers

- Racial misclassification
 - Denominators

Jim, M. A., Arias, E., Seneca, D. S., Hoopes, M. J., Jim, C. C., Johnson, N. J., & Wiggins, C. L. (2014). Racial misclassification of American Indians and Alaska Natives by Indian Health Service contract health service delivery area. *American journal of public health, 104*(53), 5295-5302.



22

IHS and/or NIH and/or CDC

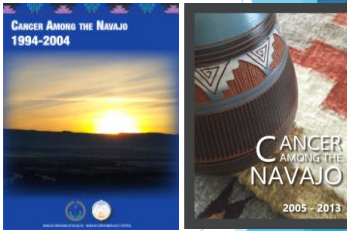
Tribal-Based Epidemiology Centers

- Racial misclassification
 - Denominators
- Cancer surveillance

Carmack AM, Schade TL, Saltsion I, Provost EM, Kelly JJ. Cancer in Alaska Native People: 1969 – 2013. The 45 Year Report. Anchorage, AK: Alaska Native Tumor Registry, Alaska Native Epidemiology Center, Alaska Native Tribal Health Consortium 2015.

<https://nec.navajo-nsn.gov/Epi-Reports>

<http://www.anthctoday.org/epicenter/antr/index.html>




23

IHS and/or NIH and/or CDC

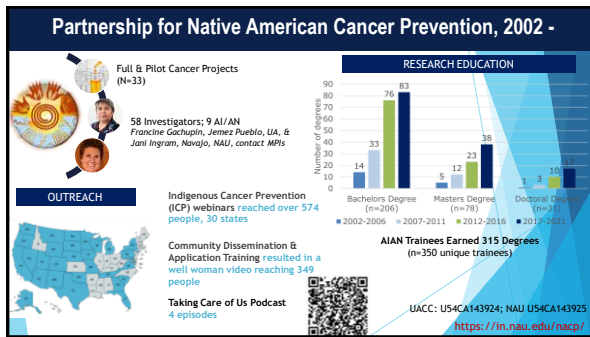
Tribal-Based Epidemiology Centers

- Racial Misclassification
 - Denominators
- Cancer Surveillance
- Cancer Cluster Analysis
- Comprehensive Cancer Control programs
- Provider and Navigator Trainings
- Primary Prevention

<https://tribalepicenters.org/>



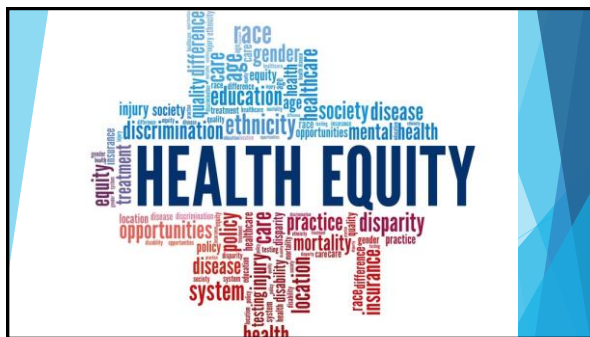
24



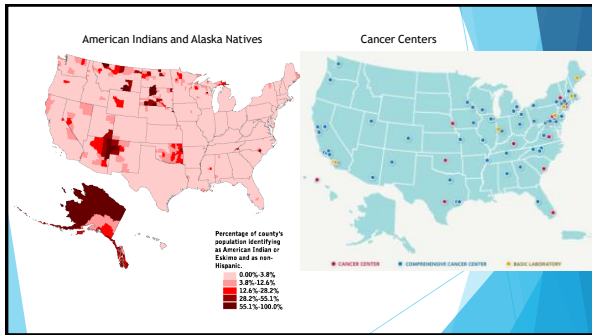
28



29



30



34

Cancer Centers and Oncologists

Sallish CANCER CENTER

James Hampton, MD
1931 - 2022

Judith Kaur, MD

Jennifer Erdrich, MD

35

Kidney Cancer Disparities Research and Training

- Batai K, Harb-De la Rosa A, Zeng J, Chipollini JJ, Gachupin FC, Lee BR. Racial/ethnic disparities in renal cell carcinoma: Increased risk of early-onset and variation in histologic subtypes. *Cancer Medicine*. 2019;00:1-9. doi: 10.1002/cam4.2552.  Benjamin Lee, MD
- Quinones-Zanabria E, Valencia CI, Asif W, Zeng J, Wong AC, Cruz A, Chipollini J, Lee BR, Gachupin FC, Hsu C, Batai K. Racial and Ethnic Disparities in Preoperative Surgical Wait Time and Renal Cell Carcinoma Tumor Characteristics. *Healthcare*. 2021;9(9):1183. doi.org/10.3390/healthcare9091183
- Valencia CI, Asmar S, Hsu C, Gachupin FC, Wong AC, Chipollini J, Lee BR, Batai K. Renal Cell Carcinoma Health Disparities in Stage and Mortality among American Indians/Alaska Natives and Hispanic Americans: Comparison of National Cancer Database and Arizona Cancer Registry Data. *Cancers* 2021;13:990. doi.org/10.3390/cancers13050990  Juan Chipollini, MD
- Cruz A, Dickerson F, Pulling KR, Garcia K, Gachupin FC, Hsu CH, Chipollini J, Lee BR, Batai K. Impacts of Neighborhood Characteristics and Surgical Treatment Disparities on Overall Mortality in Stage I Renal Cell Carcinoma Patients. *Int J Environ Res Public Health*. 2022 Feb 12;19(4):2050. doi:10.3390/ijerph19042050  Ken Batai, PhD
- Gachupin FC, Lee BR, Chipollini J, Pulling KR, Cruz A, Wong AC, Valencia CI, Hsu C, Batai K. Renal Cell Carcinoma Surgical Treatment Disparities in American Indian/Alaska Natives and Hispanic Americans in Arizona. *Int J Environ Res Public Health*. 2022; 19:1185. doi.org/10.3390/ijerph19031185

March is Kidney Cancer Awareness Month!


NCI R21CA248361

36

Clinical Trial Issues and Considerations

- ▶ Trial Demystification
 - ▶ Community-based engagement
 - ▶ Ongoing
- ▶ Training in clinical trial research
 - ▶ Providers
 - ▶ Review committees
- ▶ Clinical Trial Requirements
 - ▶ Double-blind
 - ▶ Research vs Treatment
- ▶ Systems of Care
 - ▶ Referred Care
 - ▶ Indian Health Service
 - ▶ Tribally-run Health Care
 - ▶ Urban Health Care
 - ▶ Continuity of care
 - ▶ Communications between services
 - ▶ Financial coverage
- ▶ Burden of Trial Requirements
 - ▶ Distance, scheduling
- ▶ Investigators and funders invest in trust and care
 - ▶ Collaborative partnerships
- ▶ Informed Consent
 - ▶ Long, technical documents
 - ▶ Lack of advocate
- ▶ Biospecimen Use
 - ▶ Storage
 - ▶ Secondary Uses
 - ▶ Destruction
- ▶ Biospecimens in Tribally-owned banks
 - ▶ Native BioData Consortium
- ▶ Privacy
 - ▶ Holistic Approaches
 - ▶ Traditional Healing
- ▶ Access to chemotherapy medications, not contingent on trial

<https://nativebio.org/>



37



38

THE WHITE HOUSE

Memorandum on Tribal Consultation and Strengthening Nation-to-Nation Relationships

JANUARY 26, 2021 • PRESIDENTIAL ACTIONS

January 26, 2021

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

SUBJECT: Tribal Consultation and Strengthening Nation-to-Nation Relationships

American Indian and Alaska Native Tribal Nations are sovereign governments recognized under the Constitution of the United States, treaties, statutes, Executive Orders, and court decisions. It is a priority of my Administration to

<https://www.whitehouse.gov/briefing-room/presidential-actions/2021/01/26/memorandum-on-tribal-consultation-and-strengthening-nation-to-nation-relationships/>

39

Research Considerations

- Research trauma
- Protection considerations extend beyond participants
- Family and community protections
- Tribal Sovereignty in data ownership
- Harms and benefits assessment, inclusive of Native perspectives
- Diversity of Tribes and Urban Natives

40

<https://americanindiancenter.unc.edu/>

41

Native Peoples Technical Assistance Office

Arizona Tribes & Research Policies

NPTAO has worked with many Native Nations across the state of Arizona to obtain copies of the most up-to-date policies and protocols that control research processes and outline procedures for conducting research. Where possible, they are provided here. In cases where no written policies exist, decision-making power vested with Native Nations to allow research activities within reservation boundaries may be found in a Tribe's constitution, also provided below when possible. To view a Tribe's community profile, current leadership roster, current census-based snapshot, and any available relevant guidelines/policies, click on the Tribe name below or in our [interactive map](#).

<p>Ak-Chin Indian Community</p> <p>Cocopah Tribe</p> <p>Colorado River Indian Tribes</p> <p>Fort McDowell Yavapai Nation</p> <p>Fort Mojave Indian Tribe</p> <p>Fort Yuma-Quechan Tribe</p> <p>Gila River Indian Community</p> <p>Havasupai Tribe</p> <p>Hopi Tribe</p> <p>Hualapai Tribe</p> <p>Kaibab Band of Palute Indians Tribe</p>	<p>Navajo Nation</p> <p>Pascua Yaqui Tribe</p> <p>Pueblo of Zuni</p> <p>Salt River Pima-Maricopa Indian Community</p> <p>San Carlos Apache Tribe</p> <p>San Juan Southern Paiute Tribe</p> <p>Tobacco O'odham Nation</p> <p>Tohono O'odham Tribe</p> <p>White Mountain Apache Tribe</p> <p>Yavapai-Apache Nation</p> <p>Yavapai-Prescott Indian Tribe</p>
--	---

RII: Native Peoples Technical Assistance Office (NPTAO), <https://naair.arizona.edu/about/nptao>




42

Cancer Issues and Considerations

- ▶ **Prioritization of Cancer Needs**
 - ▶ Childhood cancer care and support
 - ▶ Men's cancer prevention and control
 - ▶ Survivorship
 - ▶ Environmental exposures
 - ▶ Accuracy/validity of cancer incidence, mortality and survival
 - ▶ Comorbidities and polypharmacy
 - ▶ Behavioral risk factors
 - ▶ Social determinants of health
- ▶ **Training**
 - ▶ Navigators
 - ▶ Nurses
 - ▶ Radiation Therapists
 - ▶ Pharmacists
 - ▶ Physicians
 - ▶ Oncologists
 - ▶ Researchers
 - ▶ Epidemiologists

Funding that leads to long-term infrastructure that enables successful research spanning prevention to intervention

- ▶ Walking Forward, South Dakota
- ▶ Partnership for Native American Cancer Prevention, Arizona
- ▶ Spirit of Eagles, Minnesota
- ▶ Native American Cancer Initiatives, Colorado
- ▶ Tribal Comprehensive Cancer Control Programs, Oregon and South Dakota

46

Summer internship for Indigenous peoples in Genomics (SING)



Application Deadline is February 15th, 2023

- Discussions of ethical and social implications of genomics research and Tribal engagement
- Hands-on bioinformatics & wet lab experiences
- Leadership & outreach Training

For more info and the application portal, please visit: <http://singconsortium.org>

NAU  **July 23 - 29 2023**

Held jointly at Northern Arizona University and Diné College
<https://singconsortium.org>

47

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

2023 4814  

2nd Edition: Cancer Health Disparities and Public Health

Guest Editors:

Dr. Ken Burtel
Department of Cancer Prevention and Control
FNU Comprehensive Cancer Center
Cancer Risk, W-425B, USA
kentburtel@fnu.edu

Dr. Francisco C. Sanchez
Department of Family and Community Medicine, College of Medicine, University of Illinois, Tucson, AZ 85724, USA
fsanche@uic.edu

Dr. Shalee Strayhorn
Department of Public Health, School of Health & Applied Human Sciences, University of West Georgia, West Georgia, West Campus, Hennessey, GA 30420, USA
sshalee@uwestga.edu

Message from the Guest Editors

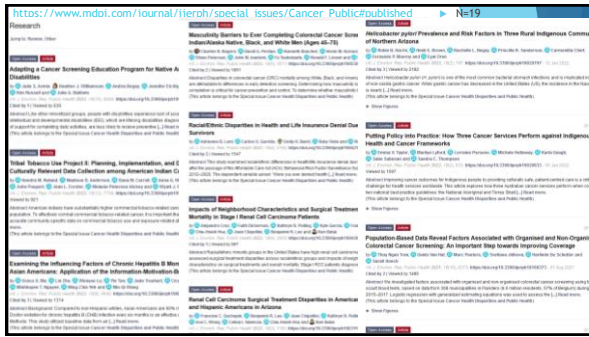
Cancer burden varies across populations, with higher incidence and mortality of specific cancer types in medically underserved populations compared to others, resulting from varying degrees of interactions between genetic/biological, behavioral, societal, and environmental risk factors. Patients from underserved populations often experience prejudice and/or discrimination in healthcare, or clinicians' bias may negatively affect patient care. Cultural values or personal beliefs may also affect choice of care and treatment. During and after the COVID-19 pandemic crisis, these underlying factors were exacerbated, and racial/ethnic minority and other underserved populations experienced marked challenges undergoing cancer screening, treatment, and care. Research is necessary to further understand the underlying causes, contributing and underlying factors, intersectionality of these, and impacts on cancer screening, treatment, and care in order to develop education, research, policies, recommendations, and clinical practices to reduce cancer disparities and build equity in cancer prevention, treatment, and care.



https://www.mdpi.com/journal/ijerph/special_issues/238T2UF688

Special Issue

48



49



Acknowledgements

Dr. William Freeman	Dr. Joann Weasly	Dr. Timan Godfrey
Dr. Leo Nolan	Dr. Maria Revileza	Dr. Jason Wilder
Dr. Clifton Poodyr	Dr. Shobha Srinivasan	Dr. Jen Bea
Dr. Judith Kaur	Dr. Kathy Etz	Dr. Alicia Allen
Dr. Jennifer Erdrich	Dr. Alexandra Adams	Dr. Ron Helmark
Dr. James Hampton	Dr. LeeAnn Bailey	Dr. Dirk deHeer
Dr. David Espy	Dr. Thomas Becker	Dr. Priscilla Sanderson
Dr. Matt Cobb	Dr. Ken Batai	Dr. Robin Harris
Dr. Chuck Wiggins	Dr. Benjamin Lee	Dr. Juanita Merchant
Dr. Charles Key	Dr. Juan Chipollini	Dr. Fernando Monroy
Dr. Dave Alberts	Dr. Margaret Brieheil	Dr. William Montfort
Dr. Ellen Provost	Dr. Maria Lluiria-Prevatt	Dr. Julie Armin
Dr. Dornell Pete	Dr. L. Dee Robertson	Dr. Heather Williamson
Dr. Dorothy Rhoades	Dr. Linda Burhanstipanov	Dr. Greg Caporaso
Dr. Jennie Joe	Dr. Shiraz Mishra	Dr. Jeachim Chino
Dr. Shelia Caldwell	Dr. Melissa Herbst-Kralovetz	Dr. Katrina Claw
Ms. Melissa Jim	Dr. Gabriel Montano	Dr. Raymond Bergan
	Dr. Isabel Scarinci	Dr. Manley Begay
	Dr. Karen Francis-Begay	Dr. Samantha Sabo
		Dr. Nathan Ellis
		Ms. LuAnn Leonard
		Ms. Ann Garcia
		Dr. Cyndi Thomson
		Dr. Heidi Brown
		Dr. Jonathan Credo
		Dr. Andy Koppisch
		Dr. Francisco Moreno
		Dr. Paloma Beamer
		Mr. Levi Esquerra
		Ms. Kelly Laurila
		Ms. Ann Marie Chischilly
		Ms. Cora Maxx-Phillips
		Ms. Bess Toslie
		Mr. David Toslie
		Ms. Shannon Williams
		Ms. Carol Seamez
		Ms. Fatima Molina
		Ms. Hannah Thross
		Ms. Keyauni Tracy
		Ms. Jackie Slowtalker
		Ms. Sadie Malouf
		Ms. Deb Aguirre

50



References

- ▶ Jim, M. A., Arias, E., Seneca, D. S., Hoopes, M. J., Jim, C. C., Johnson, N. J., & Wiggins, C. L. (2014). Racial misclassification of American Indians and Alaska Natives by Indian Health Service contract health service delivery area. *American journal of public health, 104*(53), 5295-5302.
- ▶ Carmack AM, Schade TL, Sallison I, Provost EM, Kelly JJ. Cancer in Alaska Native People: 1969 – 2013. The 45 Year Report. Anchorage, AK: Alaska Native Tumor Registry, Alaska Native Epidemiology Center, Alaska Native Tribal Health Consortium 2015.
- ▶ Batai K, Gachupin FC, Estrada AL, Garcia DO, Gomez J, Kittles RA. (2018) Patterns of Cancer Related Health Disparities in Arizona. *Cancer Health Disparities 2*:e1-e20. doi:10.9777/chd.2018.10019.
- ▶ Gachupin FC, Lee BR, Chipollini J, Pulling KR, Cruz A, Wong AC, Valencia CI, Hsu C, Batai K. Renal Cell Carcinoma Surgical Treatment Disparities in American Indian/Alaska Natives and Hispanic Americans in Arizona. *Int J Environ Res Public Health.* 2022; 19:1185. doi.org/10.3390/ijerph19031185

51

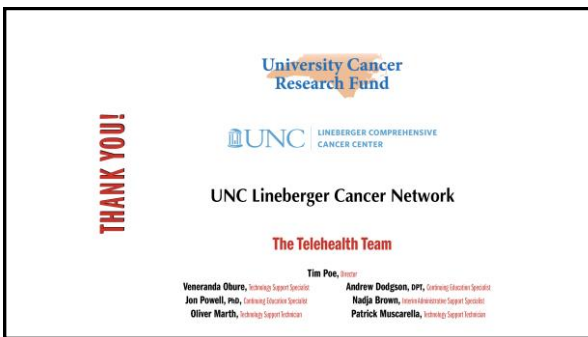




52



53



54

SOUTHEASTERN AMERICAN INDIAN CANCER HEALTH EQUITY PARTNERSHIP **November 1, 2023**
 Live Webinar

Upcoming SAICEP Webinar
Partnership for Native American Cancer Prevention



Tammy Greer, PhD
 Associate Professor
 University of Southern Mississippi

These webinars are a collaboration between
 Duke Cancer Institute | UNC | Wake Forest University School of Medicine

55

SOUTHEASTERN AMERICAN INDIAN CANCER HEALTH EQUITY PARTNERSHIP **Self-Paced Online Course** **Video Library**

Take a look at our past webinars

learn.unclcn.org/saicep
unclcn.org/saicep-videolibrary

These webinars are a collaboration between
 Duke Cancer Institute | UNC | Wake Forest University School of Medicine

56

SOUTHEASTERN AMERICAN INDIAN CANCER HEALTH EQUITY PARTNERSHIP

Visit our website

www.saicep.org

These webinars are a collaboration between
 Duke Cancer Institute | UNC | Wake Forest University School of Medicine



57

THANK YOU FOR PARTICIPATING!

UNC Lineberger Cancer Network

Email: unclcn@unc.edu
Call: (919) 445-1000

Send us an email to sign up for our monthly e-newsletter.
Check us out at unclcn.org

 facebook.com/unccn  [@unc_cn](https://twitter.com/unc_cn)

58