



Summer Research TRAINING INSTITUTE

for American Indian and Alaska Native
Health Professionals and Students

June 9-20

2025

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NW NARCH

The Summer Research Training Institute (SRTI) is an intensive research training program of the Northwest Native American Research Center for Health (NW NARCH). The goal of the NW NARCH is to improve tribal health by increasing the numbers of American Indian and Alaska Native (AI/AN) people who are engaged in biomedical and social science research and who can bring the benefits of academic research into their communities.

Our curriculum is designed for health professionals and students who seek training opportunities related to research skill building, program design, and implementation. Courses will be held in Portland, Oregon at the Northwest Portland Area Indian Health Board (NPAIHB) from June 9th to the 20th. Certificates of completion are awarded at the end of each course. Lunchtime seminars will be offered weekly.



ELIGIBILITY

SRTI courses emphasize research skills, program design, and implementation, providing a great opportunity for those involved in Native health. We encourage health administrators, community health workers, physicians, nurses, researchers, program managers, undergraduates, and graduate students to attend.

Tuition may be covered by a grant from the National Institutes of Health (NIH) if you meet the following criteria:

- **Be an AI/AN health professional, undergraduate, or graduate student; or**
- **Be employed at a tribal health organization, if you are not AI/AN.**

If criteria are not met, then the cost of tuition is \$300 per course.

Register Here

Registration opens March 1st, 2025 and closes May 23rd, 2025.



<https://cvent.me/xbmkBG>

TRAVEL SCHOLARSHIP

We have limited travel scholarships for **AI/AN participants** and **tribal health organization employees**.

Application Checklist

- ✓ A brief statement describing how the training institute will benefit your career and/or education goals.
- ✓ Commitment to attend at least one full week of morning and afternoon courses.
- ✓ A copy of your Certificate of Degree of Indian Blood or proof of tribal enrollment or be employed by a tribal health organization.
- ✓ A completed CVENT application.

Travel Award Includes

- Lodging (room and tax only) during your registered training courses;
- Airfare, train, or car mileage to Portland, Oregon; and
- Course tuition, course materials, and books.

Please note, this travel award DOES NOT cover baggage fees, travel itinerary change fees, per diem and incidental expenses. Travel must be within the United States. Car mileage is based on U.S. General Services Administration rates and must not exceed lowest airfare to Portland, Oregon.

Apply Here

Applications open January 23rd, 2025 and close February 23rd, 2025.



<https://cvent.me/xbmkBG>



DETAILS



New Class Location

The Northwest Portland Area Indian Health Board moved to 920 NW 17th Ave, Portland, OR 97209.



Where to Stay

We have a room block at the Residence Inn Portland Downtown Pearl District located at 1150 NW 9th Ave, Portland, OR 97209. If you would like to be added to our hotel room block list, please send us an email.

Learning Materials

All learning materials will be posted on our learning management system, Canvas.

Contact Information



Summerinstitute@npaihb.org or SRI@npaihb.org



[nw_narch](https://www.instagram.com/nw_narch)



www.linkedin.com/in/nw-narch

COURSE SCHEDULE

Week 1

Time	Monday 6/9	Tuesday 6/10	Wednesday 6/11	Thursday 6/12	Friday 6/13
9 AM- 12 PM	Community Based Participatory Research Cancer Prevention & Control Graphic Design Workshop				
	Break	Break	Seminar	Break	Break
1:30- 4:30 PM	Introduction to Grant Writing Introduction to Epidemiology				

Week 2

Time	Monday 6/16	Tuesday 6/17	Wednesday 6/18	Thursday 6/19	Friday 6/20
9 AM- 12 PM	NIH Grant Writing Program Evaluation				
	Break	Break	Seminar	Break	Break
1:30- 4:30 PM	Intermediate Epidemiology Grant Management & Budgeting				
	Intro to ArcGIS Pro		Designing Surveys		Intro to Data Viz

COURSE DESCRIPTIONS

6/9-6/13 from 9 AM - 12 PM

Cancer Prevention & Control with Charles Wiggins, MSPH, PhD

In this course, students will gain a foundational knowledge in cancer control and prevention. First, students will define cancer and learn about basic concepts used to characterize cancer. Then, the course will dive into cancer surveillance, with topics on public health surveillance, measures of disease frequency and association, and age-adjusted rates. Next, students will learn how to screen for cancer and understand cancer in terms of epidemiological study designs. The course will end with identifying and utilizing internet based cancer control resources.

Graphic Design for Health Promotion Workshop with Jill Neumeister, BA, Pawnee Nation

This course will focus on how to effectively communicate and disseminate materials digitally. Please bring your own laptops and a project you are working on. Participants will learn how to use readily available graphic design tools to enhance the visual appeal of their public health promotion and research-related materials. Trainees will also learn about basics of graphic design theory such as idea generation, typography, color theory, impactful wording, and visual harmony. Please come to this course with a project you are currently working on or an idea of a project you can work on throughout the week. The instructor will offer hands-on guidance and constructive feedback as students work on their projects individually and in small groups. On the final day of the course, students will present their designs to the class.

Community Based Participatory Research with Victoria Warren-Mears, PHD, RDN, FAND

This course will provide an introduction to community-based participatory research (CBPR) as a form of community-engaged research with tribal communities. This class will introduce concepts of effective CBPR, discuss standard methods of gathering information, and the value of community involvement in data collection through the use of representative CBPR studies. Upon completion of this course, trainees should have more confidence and competence in using CBPR techniques with their tribal communities.

6/9-6/13 from 1:30 - 4:30 PM

Introduction to Grant Writing with Rachel Dresbeck, PhD

Writing successful proposals is important for public health professionals, whether they are trying to secure funding for a research project or fund an important program. This workshop will cover the basics of grant writing, including how to write effectively and persuasively, the various components of proposals, basic budgeting, and strategies to increase success. We will cover several types of grants (depending on participant needs) as well as the secrets of grant review. We will spend time on your own writing process, discussing and practicing strategies for improving writing productivity and developing your writing style. You will be able to benefit from individual coaching, if desired.

Introduction to Epidemiology with Marc Emerson, PhD, MPH, Navajo

This course will involve content & exercises on basic principles of epidemiology: (1) epidemiology uses & thinking, (2) measures of disease frequency and association, (3) basic statistics, bias, and confounding relevant to these measures, and (4) commonly used study designs.

6/16-6/20 from 9 AM - 12 PM

Program Evaluation with Rosalina James, PhD, Lummi/Duwamish

Students will be introduced to the fundamental principles of program evaluation and their application. The course will cover a variety of theory-based evaluation designs and methods. Evaluation focusing on assessment of processes, impact, and outcomes associated with health promotion and health education programs will be emphasized. By the end of the course, students will have developed a plan for evaluating a program and present to faculty and students.

NIH Grant Writing

with Linda Burhansstipanov, DrPH, MSPH, Cherokee Nation

National Institutes of Health (NIH) grant writing course will focus on the NIH grant process. Participants should come to class prepared with a grant idea as we will work on it throughout the week. By Friday, we hope each participant will have a grant drafted in preparation of contacting NIH. Class topics will include, but not be limited to overviews and/or practice using: NIH resources and sample applications, NIH grant review criteria, grant mechanisms, grant titles, detailed description, research questions and hypotheses, specific aims statements, specific aims page, approach (research strategy) / significance & innovation, timeline, budget and budget justification, data management and sharing plans, NIH protection of human subjects, data and scientific evidence, find a study section, partnerships / community-based participatory research (CBPR) principles, project summary, bio sketch, a walk-through NIH forms, and what happens to your grant once submitted online. Each day will have in class and/or after class homework. Demographics and pre-tests will be collected Day 1 and several days during the week will include polling, interactive, or post-test items. Participants will share segment(s) from their grants every day. Training satisfaction will be collected on Friday.

6/16-6/20 from 1:30 - 4:30 PM

Grant Management & Budgeting

with Teshia Solomon, PhD

During this course, you will learn more about managing a grant after an award is received. We will discuss research team selection and management, budget development and monitoring, submitting progress reports, and general project management using both didactic presentation, small group interaction and case study. This course is designed to have students work in teams. We will conclude the week with team presentations to the class.

Intermediate Epidemiology

with Marc Emerson, PhD, MPH, Navajo

Explore epidemiologic study designs, primarily cross-sectional, case-control, and cohort studies addressing questions related to chronic diseases and cancer control. We will include discussions of some of the cultural considerations in the design and implementation of these studies. This course will also examine in more detail topics of importance to the design, implementation, and evaluations of observational epidemiology studies: (1) systematic error (selection and information biases); (2) confounding; and (3) effect modification. Prerequisite: Introduction to Epidemiology (or equivalent).

6/16-6/17 from 1:30 - 4:30 PM

Introduction to ArcGIS Pro with Joshua Tootoo, MS, GISP

This course will provide a gentle introduction to the software program ArcGIS, a tool for visualizing spatial data and creating maps. You will learn how to create a map that conveys information clearly, and will have the opportunity to create a map of your own with a dataset provided. No previous experience with creating maps or with ArcGIS is necessary to take this course. Software will be provided to registered students. We will send information on how to install ArcGIS software before class. Please bring your laptop to class.

6/18 from 1:30 - 4:30 PM

Designing Survey Instruments with Barbara Brumbach, PhD

Surveys can be a very useful tool for gathering data, and this course provides guidance on how to get started. You will learn some tools for thinking through whether to make use of existing surveys or write your own from scratch, and in the latter case, how to construct questions that will shed light on your research question. Using several case studies as examples, we will think through cultural considerations, discuss pitfalls such as built-in assumptions, and talk through strategies for measuring things that are difficult to capture directly.

6/20 from 1:30 - 4:30 PM

Introduction to Data Visualization with Nicole Smith, MPH

This course will get you started in creating charts and graphs using Excel. We will discuss strategies for effective data visualizations, including choosing the right chart type, tailoring to your audience, and using data to create a story and focused message. We'll do some hands on work together, constructing charts in Excel, and you'll leave with a few custom templates to use in your future data visualization work.

Sponsors, thank you for your ongoing support



Native American Research Centers for Health



**NORTHWEST PORTLAND AREA
INDIAN HEALTH BOARD**

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