

Summer Research Training Institute

June 12 – June 30, 2017

Portland, OR

For American Indian and Alaska Native Health Professionals



*Hosted by the Northwest Portland Area Indian Health Board and the Center for
Healthy Communities at Oregon Health & Science University*

Who Should Attend

Courses will take place at the Northwest Portland Area Indian Health Board, located at: 2121 SW Broadway, Suite 300, Portland, OR, 97201. The Summer Research Training Institute curriculum is designed to meet the needs of professionals who work in diverse areas of American Indian and Alaska Native health. Almost anyone who works in Indian health can take advantage of this skill-building opportunity—from administrators to community health workers, physicians, nurses, researchers, and program managers. Because our courses emphasize research skills, program design and implementation, those professionals who seek training opportunities related to research will find relevant courses in this program. American Indian and Alaska Native health professionals and health science students are strongly encouraged to attend. We also seek American Indian and Alaska Native students and participants from other professional areas who are interested in Native health issues.

Sponsors

The Summer Institute is funded by the National Institute of Health, a Native American Research Centers for Health (NARCH U261IHS0074) housed at the Northwest Portland Area Indian Health Board. It is co-sponsored by the Center for Healthy Communities, a CDC-funded Prevention Research Center (U48DP005006), at Oregon Health & Science University.

For More Information

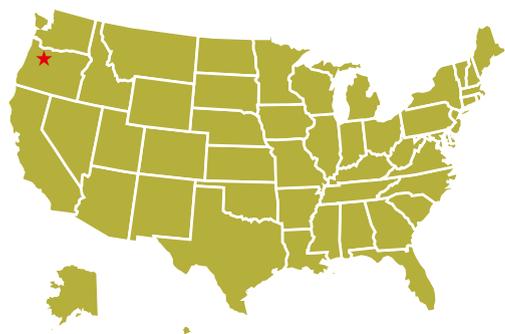
Northwest Portland Area Indian Health Board
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Tel: 503-228-4186 Fax: 503-228-8182
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Visit: www.npaihb.org/training/narch_training

Travel & Accommodations

Location

Courses will take place at the Northwest Portland Area Indian Health Board, located at: 2121 SW Broadway, Suite 300, Portland, OR, 97201.

Transportation options to and from the training will be sent to registered trainees prior to the beginning of the Summer Institute.



Travel

Summer Research Training Institute participants are responsible for making their own travel arrangements. Portland is easily accessible by plane, train, and automobile. Portland International Airport is approximately 15 minutes from downtown Portland and is accessible by light rail train ("the Max") and by car. The train station and bus depot are located in the middle of downtown Portland. Several city buses offer service to the Northwest Portland Area Indian Health Board. For more information on public transportation visit: www.trimet.org. If you need additional assistance with transportation options, we are available to assist you.

Where to Stay

We have negotiated a discounted rate with the Residence Inn Downtown/RiverPlace by Marriott located at 2115 Southwest River Parkway, Portland, OR, 97201. You can book online here: <https://goo.gl/HDkUuw> or contact them at (503) 552-9500 and reference the 2017 Summer Institute group. Many other hotels in Portland offer government rates and discounted rates to guests of Oregon Health & Science University. We suggest you make reservations as early as possible as Portland area hotels fill quickly in the summer.

Travel scholarship recipients will be required to stay at the Marriott Residence Inn-Downtown Riverplace.





Course Descriptions & Schedule

About the Curriculum

Courses are offered each week (morning and afternoon) and vary in length from four to five days. You may choose as many courses that interest you, so long as they don't overlap. All books and course materials will be provided. Courses with fewer than five enrolled students will be cancelled. All students will be expected to complete a final exam or project in each of their courses to receive certificates of completion. We are "going green" this year! If you own a laptop or tablet, we ask that you bring it to the training. If you will need printed materials, please contact us and let us know in advance.

Week One: June 12–16, 2017

Epidemiology I

This course focuses primarily on the basic principles of epidemiology: (1) introduction to epidemiologic thinking, (2) measures of disease frequency and association, (3) basic statistics relevant to epidemiology measurement, and (4) an overview of study design (especially cross-sectional surveys, case-control, and cohort studies). As time allows we will also cover a very basic introduction to bias, confounding, and effect modification.

Time: 9:00am-12:00pm
Instructor: John Stull, MD, MPH

Indian Health Policy

This session will provide an overview on the responsibility of the United States to provide health care to American Indians and Alaska Natives under the federal trust relationship. It will include an overview on the Indian health system by reviewing its history and policies through the development of important legislation, such as the Indian Self-Determination and Education Assistance Act and the Indian Health Care Improvement Act. The course will cover the financing, delivery, and payment of health care services within the Indian health system. An important aspect of the course will be to discuss past and present challenges and potential solutions to the financing, structure, staffing, and service delivery of the Indian health system, including a discussion about how health reform will impact the system. A review of current and past legislation, health policy, and research issues will be included. Attention will also focus on any changes to the Affordable Care Act structure that may be enacted or contemplated by the time of the course.

Time: 1:30pm-4:30pm
Instructors: Jim Roberts and Brett Shelton, JD

Program Evaluation

This course will introduce students to the fundamental principles of program evaluation and their application. The course will include discussion of a variety of theory-based evaluation designs and methods. Evaluation focusing on assessment of processes, impact, and outcomes associated with cancer-related health promotion and health education programs will be emphasized. Specific attention will be concentrated on the practical application of theories. By the end of the course, students will have developed a plan for evaluating a program and presented the plan for critique by faculty and students.

Time: 9:00am-12:00pm
Instructor: Mark Dignan, PhD, MPH

Program Planning

This intensive course introduces the program planning process with a specific focus on developing health promotion programs. By the end of the course, students should be conversant with the elements of the planning process, including problem analysis, strategy/intervention selection, setting objectives, program implementation and program evaluation. The PRECEDE/PROCEED model will be used as an organizing framework to guide students through the process of developing health promotion programs in a variety of settings and populations. Through the application of theory and with consideration of social, cultural, economic and political factors that influence health, students will develop a multi-level intervention program.

Time: 1:30pm-4:30pm
Instructor: Christina Sun, PhD

Week Two: June 19–23, 2017

Epidemiology II

This course involves a more detailed exploration of 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. Reading assignments for this course will include journal articles, as well as chapters from the assigned text. Prerequisite: Epidemiology I (or equivalent).

Time: 9:00am-12:00pm
Instructor: John Stull, MD, MPH

Research Design & Grant Writing

This course is designed for health professionals and students with a working knowledge of epidemiology and study design. It will cover how to plan, design, and develop a brief outline for an NIH research proposal (abstract, aims, research design, outcomes, budget line item for 1 category, budget justification, etc.). Participants should have a grant idea or topic prior to attending the class for the course to be of significant value. The outline provides the basis for work the participant will need to expand after the class is over. The course is held in the computer lab but each day has homework and participants need to have access to a laptop computer to complete their daily homework.

Time: 9:00am-12:00pm
Instructor: Linda Burhansstipanov, DrPH, MSPH, CHES

Focus Groups

This session will provide an overview of Focus Group methodology and will include a discussion on the method's strengths and limitations. The instructors will provide examples of when focus groups are utilized to: inform quantitative research design and survey development; explain and provide context for quantitative results; and/or integrated into a multi-method evaluation. Students will participate in a mock Focus Group session and consider analysis of resultant data in order to gain experience with this methodology.

Time: 9:00am-12:00pm
Instructors: Jennie R. Joe, PhD and Stephanie A. Farquhar, PhD

Outbreak Investigation

This course will be a review of the epidemiologic principles and skills used as well as common jurisdictional issues encountered during an outbreak response. We will undertake an interactive review of disease surveillance, detecting an outbreak, creating case definitions, selecting a study design, and choosing appropriate outcome measures and their statistical tests. We will spend the latter part of each afternoon working together through case studies that highlight these topics. The course is tailored to practicing, MPH-level epidemiologists and covers topics often not included in doctorate programs such as medical school. This course may also be useful for physicians who are working in applied public health settings.

Time: 1:30pm-4:30pm
Instructors: Tom Weiser, MD, MPH, Kevin Winthrop, MD, MPH, Richard Leman, MD, and Sarah Hatcher, PhD

Grant Management

This course is designed for those interested in learning more about managing a grant after an award is received. Topics to be discussed include: human resource issues related to hiring and termination, development and monitoring of budgets, submitting progress reports, communications with tribal and other communities, and quality control issues in grant management. Guest instructors will share their expertise in different areas. Learning evaluation will include a pre/post test.

Time: 1:30pm-4:30pm
Instructor: Teshia Solomon, PhD



Week Three: June 26–30, 2017

Substance Abuse Epidemiology

This course examines prevention and treatment services for American Indian/Alaska Native populations with substance use and behavioral health disorders. Classes examine social determinants of health and the range of substance use disorders (SUDs) and describe health services research opportunities. Prevalence and incidence of SUDs, risk and protective factors, culturally relevant interventions, use of participatory research methods, and culturally developed and supported interventions will also be explored. Class members engage in active discussion related to their own work and community. Services research strategies and policy interventions are also reviewed. Students will be introduced to papers on key concepts and will participate in group projects, activities, and interactive learning.

Time: 9:00am-12:00pm

Instructors: Dennis McCarty, PhD and Kathy Tomlin, LPC, CADIII

The "Other" Public Health System in the United States: Understanding American Indian Public Health and Wellness

As sovereign nations, American Indian Tribes are responsible for the overall health and well-being of their members along with the land and environment of their tribe. Tribes are becoming increasingly involved in more public health activities and regulation and delivery of public health services (through various funding sources, grants and contracts), alone or in collaboration with other tribes and local, county and state health departments. In this course students will learn about the legal responsibility of the United States to provide health services to American Indians. Participants will examine the public health and wellness issues facing American Indian and Alaska Native communities; review historical implications, analyze legislation, apply specific financing requirements, and gain an understanding of the unique American Indian public health system and the complex set of services, activities, collaborations and stakeholders that varies by tribe and region. The course will include expert guest presenters who will address topics of public health importance to tribal people, including immunizations, environmental justice, media advocacy for policy change, infectious disease surveillance in Indian country, and injury prevention.

Time: 9:00am-12:00pm

Instructor: Linda Bane Frizzell, PhD, MS

Health Literacy

The aim of this course is to provide a brief overview of basic health data literacy topics for those who wish to interpret, present and make use of epidemiologic data but do not have a statistics background. Students will leave with an understanding of core epidemiology concepts, where to find AI/AN specific health data, best practices for presenting data effectively, and using GIS mapping tools. Please note that this course is designed for those who wish to interpret and make use of health data, but not those who wish to learn how to conduct their own data analysis and surveys (these topics are covered in the Epidemiology I & II courses).

Time: 1:30pm-4:30pm

Instructors: Nicole Smith, Jenine Dankovchik, Sujata Joshi, and Nanette Yandell

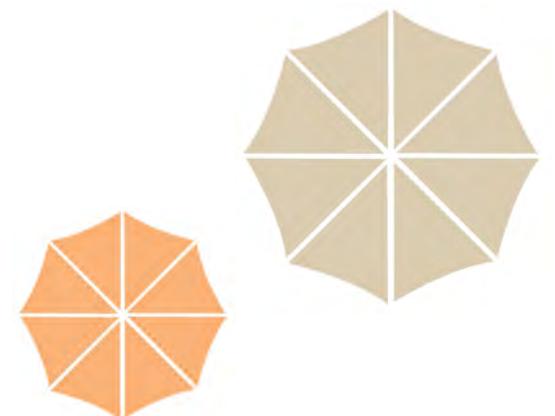
*Note: This is a 4 day (Monday - Thursday) course.

Cancer Control & Prevention

Cancer remains a leading cause of morbidity and mortality among tribal people, and many of the causes of cancer in Native people are preventable. In this course, we will discuss cancer etiology, cancer biology, common epidemiologic approaches to studying cancer and cancer prevention, surveillance, and will present examples of successful cancer prevention projects in Indian country.

Time: 1:30pm-4:30pm

Instructors: Charles Wiggins, PhD and Tom Becker, MD, PhD



Course Schedule

Week One: June 12–16, 2017

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	Epidemiology I				
9am-noon	Program Evaluation				
1:30pm-4:30pm	Indian Health Policy				
1:30pm-4:30pm	Program Planning				

Week Two: June 19–23, 2017

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	Epidemiology II				
9am-noon	Focus Groups				
9am-noon	Research Design & Grant Writing				
1:30pm-4:30pm	Outbreak Investigation				
1:30pm-4:30pm	Grant Management				

Week Three: June 26–30, 2017

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	"Other" Public Health System				
9am-noon	Substance Abuse Epidemiology				
1:30pm-4:30pm	Health Literacy	Health Literacy	Health Literacy	Health Literacy	
1:30pm-4:30pm	Cancer Control & Prevention				

Cost

Tuition for each course offered is \$300. Tuition covers course materials and required textbooks. Waivers are available for American Indian and Alaska Native participants and Tribal EpiCenter employees. Travel scholarships are available for registrants who meet the eligibility requirements:

Travel Scholarship

The 2017 application period is **March 1, 2017 to April 1, 2017**. No exceptions will be made and applications will only be accepted via Regonline.

Applicants must:

- provide proof of EpiCenter employment (for Non-native EpiCenter employees);
- provide a copy of Certificate of Indian Blood or tribal enrollment (if applicable) and not already on file;
- submit a brief essay describing why they want to attend the Summer Institute and how it will benefit their career/education goals (in three paragraphs); and
- attend both morning and afternoon courses.

Travel scholarships cover the cost of 1) lodging (room and sales tax only) and 2) airfare, train, or car mileage (up to \$600). Please note: mileage is based on federal regulations and must not exceed lowest airfare to Portland.

Selection Process

- All applications will be reviewed and the highest-rated applicants will be selected.
- Awardees will receive their scholarship notification within four (4) weeks of deadline.
- Travel scholarships are limited, but we will do our best to award as many qualified applicants as possible.
- Students and new registrants will be given preference.
- Course load should include both morning and afternoon courses each week of attendance.
- Awardees will be given five (5) business days to accept/decline the scholarship award and must notify us via email at tfiremoon@npaihb.org or 503-228-4186. Failure to notify will result in award withdrawal.
- As a final recipient, you will be contacted to discuss logistical arrangements.

To Apply

To apply for a tuition waiver or travel scholarship, you will need to enter a tribal affiliation or enter the name of the Tribal EpiCenter you work for within the 'Other Personal Information' section in Regonline. Once that information is selected, a check box will appear. You will be asked to check the box if you want to apply for a tuition and/or travel scholarship. Travel scholarship applications require a brief essay also included in this section.

Tuition is due by May 30, 2017. Please make checks payable to:

Northwest Portland Area Indian Health Board Summer Institute
2121 SW Broadway, Suite 300 Portland, OR 97201

Tips for Registration

- Registration should be completed on-line at www.npaihb.org/training/page/summer_training_institute/
- Registration will be closed on May 1, 2017.
- Scholarship application will be closed on April 1, 2017.
- Class space is limited, so it is best to register as soon as possible.
- If a class is full, you will be placed on a waitlist. Should an opening become available, you will be notified.
- Please note that you will not be allowed to switch classes during the training.

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