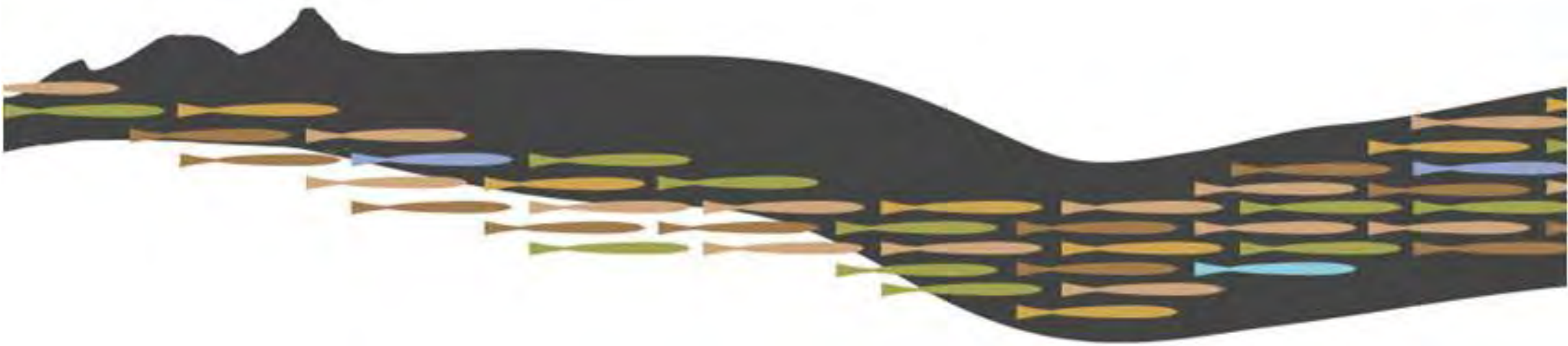


Summer Research Training Institute

June 11 – June 29, 2018

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

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

Sponsors

The Summer Institute is funded by the 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

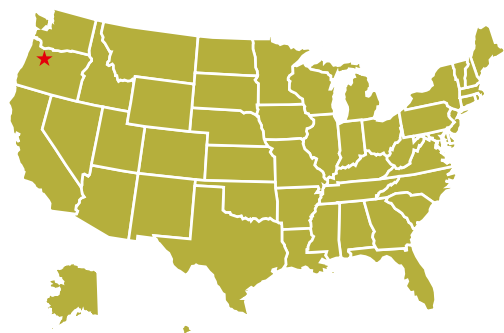
Northwest Portland Area Indian Health Board
2121 SW Broadway, Suite 300
Portland, OR 97201
Tel: 503-416-3285 Fax: 503-228-8182
E-mail: summerinstitute@npaihb.org
www.npaihb.org/narch-training

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.



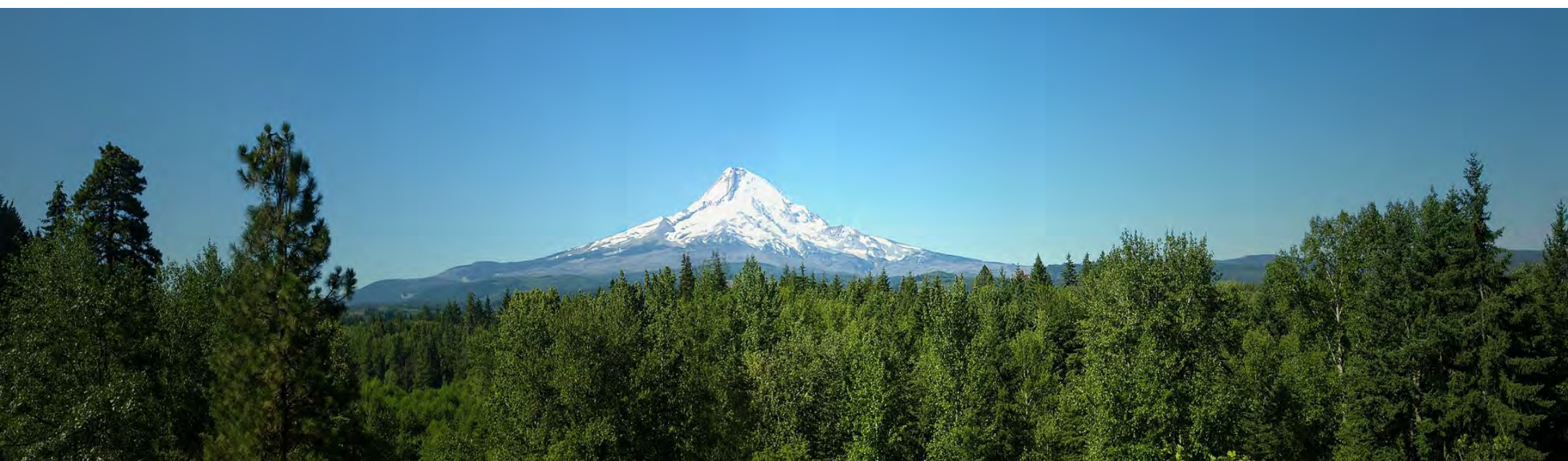
Travel

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 2018 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 in the morning and in the afternoon of each week. You may choose as many courses as are of interest to 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 11 – 15, 2018

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

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 will present the plan for critique by faculty and students.

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

Introduction to Biostatistics

In this course students will get a gentle introduction to concepts in biostatistics. We will lay the foundation for conducting public health research from a biostatistics point of view. Specifically, students will learn about types of data and how they can be summarized; estimation; hypothesis testing; categorical data analysis; and (if time) diagnostic testing. Although the focus of the course will be on ideas, students will learn how to interpret some results output from a statistical software package (Stata). Examples from the literature, drawn primarily from studies involving Native populations, will illustrate concepts. This course is designed to dovetail with Introduction to Epidemiology for students who are taking that course.

Time: 1:30pm-4:30pm
Instructor: Amy Laird, PhD

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.

Time: 1:30pm-4:30pm
Instructors: Nicole Smith, Jenine Dankovchik, Sujata Joshi, Nanette Star, and Monika Damron

Week Two: June 18-22, 2018

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

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, PhD, LPC, CADIII

Cancer Prevention & Control

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

Community-Based Participatory Research

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.

Time: 1:30pm-4:30pm

Instructor: Victoria Warren-Mears, PhD, RD



Week Three: June 25-29, 2018

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

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: research team selection and management, development and monitoring a budget, submitting progress reports, and general project management using both didactic presentation, small group interaction and case study. Participants work in teams and there is both in-class and "homework" assignments. The final output is a group presentation and 3 page paper.

Time: 9:00am - 12:00pm

Instructor: Teshia Solomon, PhD



Course Schedule

Week One: June 11-15, 2018

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	Epidemiology I	Epidemiology I	Epidemiology I	Epidemiology I	Epidemiology I
9am-noon	Program Evaluation	Program Evaluation	Program Evaluation	Program Evaluation	Program Evaluation
1:30pm-4:30pm	Introduction to Biostatistics	Introduction to Biostatistics	Introduction to Biostatistics	Introduction to Biostatistics	Introduction to Biostatistics
1:30pm-4:30pm	Health Literacy	Health Literacy	Health Literacy	Health Literacy	Health Literacy

Week Two: June 18-22, 2018

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	Substance Abuse Epidemiology	Substance Abuse Epidemiology	Substance Abuse Epidemiology	Substance Abuse Epidemiology	Substance Abuse Epidemiology
9am-noon	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing
1:30pm-4:30pm	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control
1:30pm-4:30pm	Community Based Participatory Research	Community Based Participatory Research	Community Based Participatory Research	Community Based Participatory Research	Community Based Participatory Research

Week Three: June 25-29, 2018

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9am-noon	Focus Groups	Focus Groups	Focus Groups	Focus Groups	Focus Groups
9am-noon	Grant Management	Grant Management	Grant Management	Grant Management	Grant Management

Cost

Tuition for each course offered is \$300. Tuition covers course materials and required textbooks. Tuition 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 2018 application period is **February 20, 2018 to April 2, 2018**. No exceptions will be made and applications will only be accepted via Regonline.

Applicants must:

- if applicable, provide proof of EpiCenter employment (for Non-native EpiCenter employees);
- provide a copy of Certificate of Indian Blood or tribal enrollment (if applicable) and if 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 1-2 paragraphs); and
- attend both morning and afternoon courses, with the exception of week 3.

Travel scholarships cover the cost of 1) lodging (room and 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 summerinstitute@npaihb.org or 503-416-3285. 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 (1-2 paragraphs) essay.

Tuition is due by May 30, 2018. 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.regonline.com/2018SRI
- Registration will be closed on May 1, 2018.
- Scholarship application will be closed on April 2, 2018.
- 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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