

Hosted by the Northwest Portland Area Indian Health Board and the CDC-funded Prevention Research Center, the Center for Healthy Communities at Oregon Health & Science University



Summer Research Training Institute for American Indian and Alaska Native Health Professionals

June 11 - June 28, 2012
Portland, Oregon

Who should attend?

Our 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 new 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. Registrants from American Indian and Alaska Native health professions are strongly encouraged, although we seek health science students and trainees from other professional areas who are interested in Native health issues, as well.

How much does it cost?

Tuition scholarships are available for American Indian and Alaska Native trainees and Tribal EpiCenter employees. For others, tuition checks should be made payable to: Northwest Portland Area Indian Health Board (Summer Institute). Tuition is charged for each course offered. The cost of each course is listed in this brochure. A few travel scholarships are available on a first-come, first-served basis for American Indian and Alaska Native trainees. Priority will be given to students.

To apply for tuition and travel scholarships, please mark the appropriate box on the online registration form and include proof of tribal enrollment or a letter of support from your tribe with your registration form. Registration can be accessed at the web address below.

For more information:

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E-mail: summerinstitute@npaihb.org
Visit: www.npaihb.org/training/page/summer_research_training_institute/

Registration due by May 14, 2012



Travel and Accommodations

Location

Most courses will meet at the Northwest Portland Area Indian Health Board. Some courses may be offered at Oregon Health & Science University and Portland State University. Additional information, including campus maps and transportation options to and from the training, will be sent to registered trainees prior to the beginning of the Summer Institute.

Travel to Portland

Summer Research Training Institute trainees 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

Many hotels in Portland offer discounted rates to guests of Oregon Health & Science University. Many also offer government rates. We suggest you make reservations as early as possible as Portland area hotels fill quickly in the summer. We have contracted with the Marriott Residence Inn-Downtown Riverplace: (503) 552-9500. Please reference the 2012 Summer Institute Group when making your reservation at the Marriott Residence Inn-Downtown Riverplace for discounted rates.

Sponsors

The Summer Institute is funded by a Native American Research Centers for Health grant (NARCH U26IHS300415) from the NIH/IHS and is co-sponsored by the Center for Healthy Communities, a CDC-funded Prevention Research Center (U48DP001937), at Oregon Health & Science University.

About the Curriculum

Courses are offered each week in the morning and afternoon, and vary in length from two to five days. You may pick and choose as many courses as interest you; just keep in mind that some of the class times may overlap. All books and course materials will be provided. Courses with fewer than three enrolled students will be cancelled. If you own a laptop, you may bring it to the training. It may be useful for checking email, internet searches, homework, etc.

Tips for Registration

*Registration should be completed on-line at www.npaihb.org/training/page/summer_training_institute/

*Registration will be closed on May 14, 2012.

*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.

*Tuition is due by May 27, 2012.

Please note that you will not be allowed to switch classes during the training.

Schedule by Week

Week One: June 11-15, 2012

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30am-noon	Introduction to Epidemiology	Introduction to Epidemiology	Introduction to Epidemiology	Introduction to Epidemiology	Introduction to Epidemiology
8:30am-noon	Introduction to Qualitative Research & Analysis	Introduction to Qualitative Research & Analysis	Introduction to Qualitative Research & Analysis	Introduction to Qualitative Research & Analysis	
1:30pm-5pm	Indian Health Policy & Emerging Issues	Indian Health Policy & Emerging Issues	Indian Health Policy & Emerging Issues	Indian Health Policy & Emerging Issues	
1:30pm-5pm	Data into Action: Outbreak Investigation Epidemiology	Data into Action: Outbreak Investigation Epidemiology	Data into Action: Outbreak Investigation Epidemiology	Data into Action: Outbreak Investigation Epidemiology	Data into Action: Outbreak Investigation Epidemiology

Week Two: June 18-22, 2012

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30am-noon	Epidemiology Methods	Epidemiology Methods	Epidemiology Methods	Epidemiology Methods	Epidemiology Methods
8:30am-noon	Media Advocacy in Public Health	Media Advocacy in Public Health			
8:30am-noon			Scientific Writing	Scientific Writing	Scientific Writing
8:30am-noon	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing	Research Design & Grant Writing
1:30pm-5pm	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control	Cancer Prevention & Control
1:30pm-5pm	Data Analysis with SAS	Data Analysis with SAS	Data Analysis with SAS	Data Analysis with SAS	Data Analysis with SAS

Week Three: June 25-28, 2012

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30am-noon	Questionnaire Design & EpiData	Questionnaire Design & EpiData	Questionnaire Design & EpiData	Questionnaire Design & EpiData	
1:30pm-5pm	Human Subjects Protection	Human Subjects Protection	Human Subjects Protection	Human Subjects Protection	
1:30pm-5pm	Program Evaluation	Program Evaluation	Program Evaluation	Program Evaluation	

Course Descriptions and Schedules



Week One: June 11-15, 2012

Introduction to Epidemiology

This course focuses on basic principles of epidemiology, measures of disease frequency and association, an overview of study design (especially cross-sectional surveys, case-control, and cohort studies), and an introduction to bias, confounding, and effect modification.

Time: 8:30am - noon (Monday - Friday)

Instructor: John Stull, MD, MPH

Tuition: \$300

Introduction to Qualitative Research and Analysis

The Qualitative Research course is an introductory course designed to develop understanding of the strategies and tools used to gather qualitative data. Course participants will discuss the ethics of and entrée into a community setting, qualitative research design, data collection, analysis, and interpretation of results. Data collection methods discussed will include focus groups, in-depth interviews, photovoice, document and media review, and assets-mapping.

Time: 8:30am - noon (Monday - Thursday)

Instructor: Stephanie Farquhar, PhD

Tuition: \$300

Indian Health Policy and Emerging Issues

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. A former Congressional member and staff will provide an overview on the role of Congress in Indian health programs and how to advocate for change in health care delivery.

Time: 1:30pm - 5pm (Monday - Thursday)

Instructors: Ralph Forquera, MPH, Executive Director, Seattle Indian Health Board; Sarah Kastelic, PhD, Chief of Staff, National Indian Child Welfare Association; The Honorable Elizabeth Furse, former House of Representatives Member (invited); Jim Roberts, Policy Analyst, Northwest Portland Area Indian Health Board.

Tuition: \$300



Week One: June 11-15, 2012 (continued)

Data into Action: Outbreak Investigation Epidemiology

Outbreak Response Epidemiology is a review for graduate-level epidemiologists. This will be a review of the epidemiological principles and skills required in an outbreak response. We will undertake an interactive review of creating case definitions, study design, selecting appropriate outcome measures, and touch on jurisdictional issues. We will work together through real-life case studies that highlight these topics. The course is tailored to practicing MPH-level epidemiologists- specifically those working with Tribal Epidemiology Centers.

Time: 1:30pm - 5pm (Monday - Friday)

Instructors: John Redd, MD; Antonio Neri, MD, MPH; Tom Weiser, MD, MPH; and Kevin Winthrop, MD, MPH

Tuition: \$300

Week Two: June 18-22, 2012

Epidemiology Methods

This course involves a more focused exploration of the design and conduct of epidemiologic studies, primarily for chronic diseases and cancer control, and will include cultural considerations in the design and implementation of these studies. This course will examine in more detail topics of importance to the design, implementation, and evaluations of observational epidemiology studies: systematic error (selection and information biases), confounding, and effect modification. Reading assignments for this course will include journal articles, as well as chapters from the assigned text.

Time: 8:30am - noon (Monday - Friday)

Instructor: John Stull, MD, MPH

Tuition: \$300

Media Advocacy in Public Health

The mission of public health, improving the health of populations, focuses on creating conditions in which people can be healthy and is fundamentally about social change. The goal of social change, creating a fairer, more just society, is difficult to advance in the mass media and broader public discussion because a language to express the values animating that goal has not been adequately developed. This workshop will focus on how to better frame the kinds of public health issues on which participants are working.

Time: 8:30am - noon (Monday - Tuesday)

Instructor: Lawrence Wallack, PhD

Tuition: \$150



Week Two: June 18-22, 2012 (continued)

Scientific Writing

This course is designed to impart the principles of good scientific writing for papers and other manuscripts. We will cover strategies for improving readability, as well as the elements of manuscripts, principles for display of data, and making writing more efficient. The goal is for each student to have a draft of an abstract, or part of a paper, by the completion of the course.

Time: 8:30am - noon (Wednesday - Friday)

Instructor: Rachel Dresbeck, PhD

Tuition: \$150

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 NIH-style research proposal from the abstract to the research design and methods.

Time: 8:30am - noon (Monday - Friday)

Instructor: Linda Burhansstipanov, MSPH, DrPH, CHES

Tuition: \$300

Cancer Prevention and 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. This course is meant to dovetail with the Research Design and Grant Writing course offered in the morning of week two (description above).

Time: 1:30pm - 5pm (Monday - Friday)

Instructors: Chuck Wiggins, PhD, and Thomas Becker, MD, PhD

Tuition: \$300

Data Analysis with SAS

This course is designed for students who want to learn how to conduct statistical analyses with SAS software. We will briefly introduce students to SAS programming concepts and review some of the more frequently used data analysis procedures. The class will be taught in a computer lab in order to give the student hands-on experience using SAS to manage data, perform analyses, and produce graphs. Some statistics background (at the introductory level) will be assumed. Knowledge of other statistical software packages (e.g. SPSS, EpiInfo/ EpiData, etc.) may be helpful.

Time: 1:30pm - 5pm (Monday - Friday)

Instructor: Jodi Lapidus, PhD

Tuition: \$300



Week Three: June 25-28, 2012

Questionnaire Design and EpiData

Much of the data collected in epidemiologic research involves the use of questionnaires. This course will cover the design and use of questionnaires in survey research. We will review the strengths and limitations of using existing survey instruments (wording, formatting, scales, and scores), and the process for developing new questionnaires and scales. Methods of quality control and interviewer training will be covered. The course will also cover the management of survey data using the public domain freeware EpiData. Students will learn to create data entry screens with programmed checks to reduce errors during keyboard entry.

Time: 8:30am - noon (Monday - Thursday)

Instructor: William Lambert, PhD

Tuition: \$300

Human Subjects Protection

The goal of this course is to enable researchers to recognize and appropriately address legal, regulatory, and ethical issues in clinical, epidemiological, and community-based research, with special attention to research involving Native populations. This goal is accomplished by (1) teaching basic concepts in law, federal regulation, study design, and ethics; (2) reviewing common problems encountered in human subjects protocols and informed consent forms; (3) reviewing the roles and responsibilities of all involved in the conduct of human subjects research; (4) reviewing the obligations of researchers in relation to initial and continuing reviews, reporting of adverse events, reporting changes in approved research, and consenting and monitoring human subjects as required by federal regulations; (5) discussing the additional protections afforded selected populations of human subjects; (6) exploring historical and recent cases of human subjects abuses; and (7) focusing on the need to develop policies and procedure to best protect all Native subjects and communities.

Time: 1:30pm - 5:00pm (Monday - Thursday)

Instructor: Francine Gachupin, PhD, MPH, CIP

Tuition: \$300

Program Evaluation

This intensive, four-day course will introduce students to the fundamental principles of program evaluation and their theoretical bases. The course will include discussion of a variety of theory-based evaluation designs and methods. Evaluation focusing on 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, each student will have developed a comprehensive plan for evaluating a program of his or her choosing, and each will have presented the plan for critique by faculty and students.

Time: 1:30pm - 5:00pm (Monday - Thursday)

Instructor: Mark Dignan, PhD, MPH

Tuition: \$300

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