

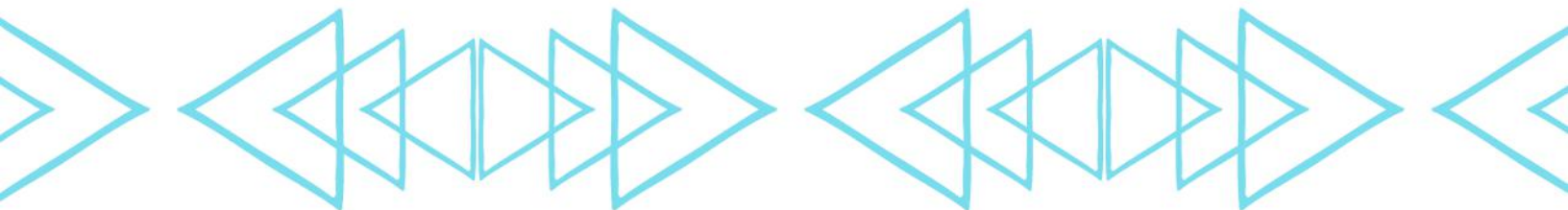
HIGH SCHOOL PROGRAMS



pacific northwest	11
west	15
national	17

OUR GOAL

We aim to inspire Native youth and young adults to pursue careers in public health and healthcare so they can care for their communities.





**make
your
own
path.**

USING THIS GUIDE TO FIND YOUR PATH

This guide features opportunities for Native middle school, high school, and college students who may be interested in exploring careers in healthcare and public health.

Who can use this guide?

Teachers, students, mentors, parents, or any caring adult



What's your path?

Check out programs in medicine, nursing, public health, laboratory science, or research and find your path!

What's inside?

Programs are organized into three chapters: middle school, high school, and college/graduate. Each chapter is further organized into regions, depending on where the opportunity is located.

GUIDE SET-UP



How to find your way in this guide?

Programs are **color-coded**, so you can easily know what educational level you are in. The color schemes for each chapter are shown in the key to the right.



KEY

MS

middle school programs
in all regions

HS

pacific nw, west, &
national high school
programs

CG

pacific nw, west, &
national programs for
college/graduate students

Information in this guide

We have included important program details like location, format, costs, and a brief description. You can also go to the program website by clicking on the program name. Here is a sample of what you'll find:

hyperlink



[OHSU NNACOE Tribal Health Scholars](#)

Format: Hybrid

Location: Virtual & in-person (local health clinics & hospitals)

Duration: 14 weeks virtual + 12 hours clinical shadowing

Cost: Stipend upon completion

Description: AI/AN high school students are introduced to various professions. 12 hours of clinical shadowing. Covers a number of topics including public health professions, dentistry, nursing, and medicine.

Application: Opens in October, closes in January. Learn more here.

important
details



Note: visit program websites to learn about specific enrollment criteria.



YOU CAN !

CampBio Med

Format: In-person

Location: Spokane (Whitworth University) and Seattle (Pacific University)

Duration: One week

Cost: \$695 for non-members and \$625 for employees of member institutions (scholarships available)

Description: 9th-12th grade students interested in biomedical or health science careers choose from six tracks: molecular biology, genetic engineering, bioinformatics, microbiology, forensic science, and global health. Emphasis on underrepresented populations in the biomedical sciences.

Registration: Opens early each year. Learn more here.

Environmental Leadership for Youth (ELY) Indigenous Youth Camp

Location: Corvallis, OR (Oregon State University)

Duration: one week (residential)

Cost: Free; stipends available

Description: ELY is open to all 9-12th graders living in Oregon who self-identify as Native American. Students experience campus life, meet Indigenous leaders and natural resources scholars, complete hands-on activities, take field trips, and participate in team-building activities.

Application: Learn more here.

Fred Hutch Coding for Cancer

Format: Virtual

Duration: Four weeks

Cost: Free; \$1000 award upon successful completion

Description: For 11th and 12th graders (preferably WA residents), this course will teach the R programming language and environment. No prior knowledge is required. Interested youth will connect with computational biologists, participate in hands-on activities, and learn how to use computational methods for cancer research. Not specific to AI/AN, but applications for underrepresented youth are encouraged.

Application: Learn more here.

Fred Hutch Pathways Research Explorers

Format: In-person

Duration: Two weeks (July or August sessions)

Location: Fred Hutch Cancer Center (Seattle, WA)

Cost: Free; \$500 stipend

Description: For students entering 10th or 11th grade in the fall, this program introduces youth to diverse areas of biomedical research at Fred Hutch. Youth will conduct hands-on activities, tour labs, meet students and scientists at varying career stages, and receive advice on biomedical research careers. Underrepresented youth encouraged to apply.

Application: Due in spring. Learn more here.

Fred Hutch Summer High School Internship Program

Format: In-person

Duration: Eight weeks (June 24-Aug 16, 2024)

Location: Fred Hutch Cancer Center (Seattle, WA)

Cost: Free; Interns are paid

Description: This competitive internship for youth entering 11th and 12th grades begins with two weeks of hands on training in Fred Hutch labs followed by six weeks of mentored activities. Interns also participate in seminars, career/college workshops, and social activities. Not specific to AI/AN but underrepresented groups are highly encouraged to apply.

Application: Posted in November. Learn more here.

Knight Scholars Program

Format: In-person

Location: Portland, OR (OHSU)

Duration: One week

Cost: Free; hotel & travel covered; stipends

Description: The goal of the program is to spark interest in cancer research careers. This program is designed for students from underrepresented communities.

Application: Opens in the fall. Learn more here.

MedQuest Frontier

Format: In-person

Location: Crane High School. Camp is located in Crane & Burns, OR

Duration: 5 nights, 4 days in summer

Cost: \$25 deposit; \$300. Scholarships available

Description: Open to all 9-12 graders in Oregon. Students will shadow healthcare professionals, practice clinical skills, and more.

Application: Opens in early January. Learn more here.

MedQuest - Rural

Format: In-person

Location: Eastern Oregon University, Le Grande, OR

Duration: 5 nights, 6 days in summer

Cost: \$25 deposit; \$400 scholarships available

Description: Designed for rural and underserved students from Oregon. Youth participate in three job shadows, complete hands-on activities, and receive mentorship from healthcare professionals, counselors and camp staff.

Application: Opens in early January. Learn more here.

Na-ha-shnee STEAM Summer Institute

Format: In-person

Location: Washington State University (Spokane, WA)

Duration: Two-weeks

Cost: Free; \$200 stipends via pre-paid visa gift card. Students keep chromebooks.

Description: For Native American 9-12 graders, this summer camp offers courses covering a range of topics from basic science to leadership.

Application: Learn more here.

OHSU NNACOE Tribal Health Scholars

Format: Hybrid

Location: Virtual & in-person (local health clinics & hospitals)

Duration: 14 weeks virtual + 12 hours clinical shadowing

Cost: Stipend upon completion

Description: AI/AN high school students are introduced to various professions. 12 hours of clinical

shadowing. Covers a number of topics including public health professions, dentistry, nursing, and medicine.

Application: Opens in October, closes in January. Learn more here.

OHSU Partnership for Scientific Inquiry (PSI)

Format: Virtual (internship can be in-person)

Location: Meets virtually every Wednesday from Feb 7-may 29, 6-8 PM (Pacific)

Duration: 16 weeks of lessons; 6-10 weeks of optional in-person internship

Cost: Free

Description: PSI introduces 10-12th graders to the scientific process, encourages their passion for science, and fosters a relationship between researchers and the local community. PSI accepts student applications from all across Oregon. Heavy focus on representing groups not traditionally included in biomedical sciences/research.

Application: Opens in November. Learn more here.

OHSU University Center for Excellence in Developmental Disabilities

Format: Hybrid

Location: In-person or Virtual (depends on Center)

Duration: 8 weeks (24 hours/week)

Cost: Free; \$1800 stipend paid over the course of the experience.

Description: Oregon high school (16+) or early college students can gain experience in the disability field, develop transferable skills, and learn about various career paths in health care. Not AI/AN-specific

Application: OpenS early December; close early January. Learn more here.

Research Training Program (RTP)

Format: In-person
Location: Seattle (Seattle Children's Research Institute)
Duration: Four weeks
Cost: Free; \$2,000 stipend for transportation/meals
Description: For 10th graders who live within driving distance to downtown Seattle, RTP is a competitive program for students with a strong interest in biology, biochemistry, microbiology, or public health. No housing.
Application: Closes in March. Learn more here.

Saturday Academy - Apprenticeship in Science & Engineering (ASE)

Format: Virtual or In-person (depends on host site)
Location: Portland, Eugene, SW Washington, Corvallis
Duration: 8 weeks (summer)
Cost: Free; some internships are paid.
Description: Motivated 10th-12th graders interested in the sciences and engineering fields will be paired with mentors throughout Oregon and Washington. Several opportunities to work in health research or labs. Not specific to AI/AN, but roughly 70% of interns are from backgrounds underrepresented in the sciences.
Application: Closes in March. Learn more here.

Scientific Research Preparatory Course Summer Program

Format: In-person
Location: Yakima, WA (Pacific Northwest University)
Duration: 8 weeks
Cost: Free; Stipends available. Breakfast & lunch provided. Housing is not provided.
Description: Designed for rising high school juniors and seniors, this program weaves indigenous art and science instruction to inspire the next generation of medical providers. Students connect with medical students, receive help with college applications, and earn credit.
Application: Opens in spring. Email ood@pnw.edu for more information.

STEM Academy

Format: In-person
Location: Corvallis, OR (Oregon State University)
Duration: Range from one day-one week
Cost: Vary by program; need-based scholarships available
Description: 9th-12th graders can choose from a variety of camps from Toxicology, Microbiology, or Engineering.
Registration: Learn more here.

Ted R. Lilley Continuing Umbrella of Research Education (CURE) Program

Format: In-person
Location: Knight Cancer Institute (Portland, OR)
Duration: 8 weeks (40 hours/week) - June-Aug
Cost: Stipends of \$11/hour (40 hrs/week)
Description: Designed for Portland area underrepresented youth, this program seeks to improve health equity by increasing participation of underserved and underrepresented minorities in biomedical research and other health-related fields. Not specific to AI/AN.
Application: Closes in February. Learn more here.

University of Washington Doctor for a Day Program

Format: In-person
Location: Seattle, WA - University of Washington
Duration: One-day
Cost: Free
Description: This program introduces underrepresented students living in the greater Seattle area to the health professions. The event is run by UW medical students and includes stations with hands-on activities, such as suturing or physical exams.
Registration: Learn more here.

**University of Washington Young Scholars
Program - REACH**

Format: In-person or virtual

Location: Seattle, WA

Duration: Five days in summer

Cost: \$500 for in-person; \$100 for virtual

Description: Open to 9-12th graders, this program introduces students to neuroscience and neural engineering, neuroethics, scientific communication, and the latest developments in brain-computer interfaces.

The program consists of lectures, seminars, focus groups, tours, class sessions and workshops.

Application: Opens early 2026. [Learn more here.](#)



[AISES Pre-College Programs - Science & Engineering Fair](#)

Format: In-person; Virtual

Location: Oklahoma City, OK

Duration: One week (in-person); One day (virtual)

Cost: Free

Description: Annual event for AI/AN 5th-12th graders. Not healthcare-specific, but STEM related. Event for students interested in the sciences.

Application: Opens in October; Closes in March. Learn more here.

[Creighton Mini Medical School](#)

Format: In-person

Location: Arizona and Nebraska

Duration: One weekend

Cost: \$300 scholarships are available once applications are received

Description: Specifically for American Indian, rural, and underrepresented students to learn about pathways in the medical field.

Application: Learn more here.

[Dine College Indigenous Summer Enhancement Program](#)

Format: In-person

Location: Diné College, Tsaile, Arizona Campus

Duration: two weeks

Cost: Free; stipend available and room/board paid

Description: The goal of this program is to introduce American Indian students to public health research with a culturally strong approach. Rising 10th-12th graders can apply.

Application: Learn more here.

[Med-Start Health Careers Program](#)

Format: In-person

Location: University of Arizona

Duration: Six weeks

Cost: Free

Description: This summer enrichment program is designed to introduce high school students to health professions by exploring career opportunities and providing college-level coursework in English and science and math. Students will participate in lectures,

health field trips, hands-on experiences in labs, and live on campus. The program was created to introduce students healthcare in rural, reservation, and economically disadvantaged areas through the recruitment and training of students from these regions. Not specific to AI/AN, but highly encouraged to apply

Application: Learn more here.

[Montana American Indians in Math & Science Pathways Program](#)

Format: In-person

Location: University of Montana campus

Duration: Length varies by program (June 17 – 28, 2024)

Cost: Free

Description: Ten-day program for returning high school students interested in math & science. Program features a project-based curriculum. The goal of the MT AIMS program is to provide STEM programming for Native youth through the doctoral level.

Application: Learn more here.

[Native American Science & Engineering Program](#)

Format: In-person

Location: University of Arizona

Duration: One week in summer

Cost: Free

Description: One year program intended to support American Indian, Alaska Native, and Native Hawaiian students interested in a career in science, technology, engineering, or math. To be eligible, students must be rising juniors and seniors in high school, an enrolled member or descendant of AI/AN or Native Hawaiian Tribe, have Completed Physics, Chemistry, & Pre-Calculus with a "C" or better, attend the summer week, and attend all other NASEP events during the year.

Application: Learn more here.

[NAU Cultural Academic & Research Experience \(CARE\) Spring Workshops](#)

Format: Hybrid.

Location: Northern Arizona University campus

Duration: One day (Feb-May)

Cost: Participants earn up to \$200 for attending seminars.

Description: The goal of the CARE program is to increase the number of Native students in science, technology, engineering, math and medicine by engaging high school students in culturally relevant training. Spring workshops are designed to introduce students to different areas of STEM and to different professionals in the field.

Application: Opens in October. Learn more here.

[NAU Cultural Academic & Research Experience \(CARE\) Summer Program](#)

Format: In-person

Location: Northern Arizona University campus

Duration: Eight weeks

Cost: Participants get paid \$12-15/hour; out-of-state students will need to pay for their own travel

Description: The goal of the CARE program is to increase the number of Native students in science, technology, engineering, math and medicine by engaging high school students in culturally relevant training. Participants will learn chemistry & laboratory techniques.

Application: Learn more here.

[Stanford Medical Youth Sciences Program](#)

Format: In-person

Location: Stanford campus

Duration: Five weeks (June 23-July 25, 2025)

Cost: Free

Description: Intensive program for low income, first generation juniors in high school students who live in Northern California.

Application: Closes in March. Learn more here.

[University of Alaska Rural Health CTEPS](#)

Format: In-person

Location: Local community & Anchorage at University of Alaska Anchorage (UAA)

Duration: Four days

Cost: Students earn college and high school credits.

Description: Hoping to inspire future Alaska rural health providers, UAA offers four courses for Alaska high school students. Courses are taught by Alaska instructors and are determined by school districts across the state. Two courses are taught on UAA campus; two are taught in local communities.

Application: Learn more here.

[University of Arizona KEYS Research Internship](#)

Format: In-person

Location: Phoenix, AZ

Duration: Seven weeks

Cost: Free; students receive some transportation & meal support

Description: Training program for high school students interested in developing STEM skills. Applications must be at least 16 years old, US citizens, and have lived in Arizona for at least one year. Students receive support for meals, transportation costs, etc. The first week is an intensive learning week followed by hands-on research with a researcher and opportunity to present at final showcase. Not specific to AI/AN.

Application: Opens in fall. Learn more here.

[American Indian Biomedical Science Academy](#)

Format: In-person

Location: Wake Forest University

Duration: Five days in July

Cost: Free, but parents must provide transportation to and from Wake Forest campus

Description: Summer program for North Carolina American Indian high school students. Youth will engage in inquiry-based learning through a lens of regenerative medicine. The goal of this program is to develop interest, skills, and the pursuit of health and biomedical science careers among AI youth in the North Carolina area.

Application: Learn more here.

[Biomedical Sciences Career Program](#)

Format: In-person

Location: Harvard Medical School, Cambridge MA

Duration: One day

Cost: Free

Description: Various programs designed for AI/AN, Black/African American, and Hispanic American high school students (through postdocs). Workshop topics include applying to college/medical school/professional schools, interviewing skills, financial aid, etc. Internship fair closes out the day. The goal of the BSCP is to inform, support, and mentor individuals from underrepresented groups about careers in medicine and the biomedical sciences.

Application: Learn more here.

[Broad Summer Scholars Program](#)

Format: In-person

Location: Broad Institute (Cambridge, MA)

Duration: Six weeks

Cost: \$3600 stipend plus some reimbursement for transportation costs

Description: Designed for rising seniors in the MA area who are interested in science careers. Not AI-AN-specific, but there is focused interest in applicants from groups underrepresented in the sciences. Students work with researchers in cancer biology, computational biology, psychiatric disease, infectious disease, etc. In addition, students will have the opportunity to present their research in a poster.

Applicants must attend a Massachusetts high school within commuting distance to the Institute.

Application: Opens in November. Learn more here.

[CDC Museum Disease Detective Camp](#)

Format: In-person

Location: Atlanta, GA (CDC)

Duration: One week

Cost: FREE (campers need to pay for own housing & transportation to CDC)

Description: Open to high school students entering their junior or senior years. Students learn diverse topics in public health science. Not AI-specific, but individuals from underrepresented groups highly encouraged to apply.

Application: Opens in December. Learn more here.

[CDC Museum Public Health Academy Online Summer Course](#)

Format: Format - asynchronous & synchronous

Location: Online

Duration: Four days in June

Cost: Free

Description: Fast, paced & web-based course with synchronous and asynchronous elements intended to introduce high school students to CDC's work. Sample topics include epidemiology, public health law, laboratory science, and public health disparities. High school students who are at least 16 years old can apply. Students can expect to spend 4-5 hours/day on this week-long course. Not specific to AI/AN.

Application: Opens in December. Learn more here.

[Creighton Mini Medical School](#)

Format: In-person

Location: Arizona and Nebraska

Duration: One weekend

Cost: \$300 scholarships are available once applications are received

Description: Specifically for American Indian, rural, and underrepresented students to learn about pathways in the medical field.

Application: Learn more here.

[Indigenous Pathways Program at University of Illinois](#)

Format: In-Person

Location: Champagne Urbana, IL (University of Illinois)

Duration: Five days

Cost: Free; up to \$500 reimbursement for travel to Urbana

Description: Designed for Native 10th-12th graders, this program provides students with a chance to experience college and an introduction to environmental sciences and engineering. Students from any federally recognized tribe may apply.

Application: Learn more here.

[NIH High School Scientific Training & Enrichment Program \(Hi-STEP\)](#)

Format: In-person

Location: NIH campus (Bethesda MD)

Duration: Eight week

Cost: Free; stipends available

Description: For rising 12th graders with a 3.0 GPA or higher from schools where 30% of students are on free and reduced lunch. Applicants must live in Washington DC, Maryland, or Virginia within 40 miles of the main NIH campus in Bethesda, Maryland. Only students living with their parents or legal guardians with primary residence in the DC/Maryland/Virginia area are eligible. This is an opportunity to explore science careers & learn more about biomedical research at the NIH. Not specific to AI/AN.

Applications from under-represented groups are encouraged.

Application: Learn more here.

[Social Media & Adolescent Health Research TEam \(SMAHRT\) Summer Research Scholars](#)

Format: Virtual

Duration: Two weeks

Cost: Free

Description: Research program for high school students. Students complete their own research project with a mentor. Not specific to AI/AN.

Application: Program is seeking donations to continue operate. Learn more here.

[University of Minnesota Native Americans](#)

[into Medicine \(NAM\)](#)

Format: In-person

Location: Duluth, MN

Duration: Seven weeks (cohorts last two years)

Cost: Free

Description: Summer program for college sophomores, juniors, and seniors interested in health care careers. NAM participants learn about quantitative and qualitative research methods.

Application: Learn more here.

This
generation
is
truly
the

CHANGE

we
need

in the world.