PUBLIC HEALTH RESEARCH ACADEMY FOR NATIVE HIGH SCHOOL STUDENTS
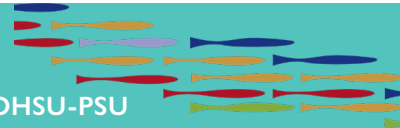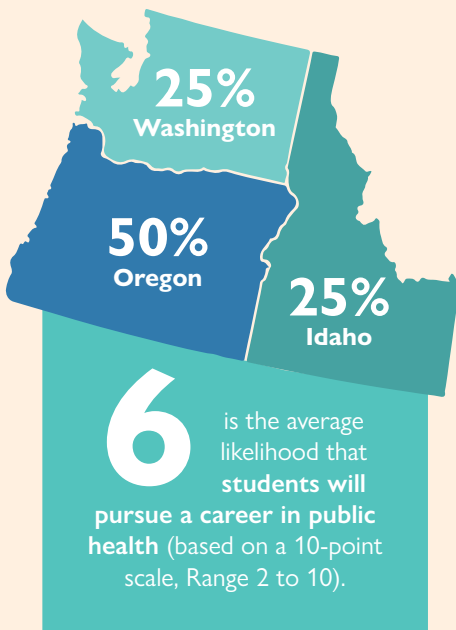
Pre-Survey Baseline Report
June 26, 2023 | 📍 THRIVE, NPAIHB, NPAIHB: OHSU-PSU

WHO ARE THE YOUTH?

25% Washington

50% Oregon

25% Idaho

6 is the average likelihood that **students will pursue a career in public health** (based on a 10-point scale, Range 2 to 10).

100% Female

5 Tribal Affiliations

11th & 12th Grades
One student was entering 10th grade.

WHAT ARE THEIR PUBLIC HEALTH CAREER INTERESTS?

#1 Public Health Nurse (50%)

#2 Biologist, Health Educator, Public Health Physician, Social Worker (25%)

#3 Epidemiologist, First Responder, Scientist/Researcher (25%)

Other roles not selected, 0% - communication, planner, IT, lawyer, policy, nutritionist, web design)

HOW FAMILIAR ARE THEY WITH PUBLIC HEALTH RESEARCH METHODS?

38% Used or practiced surveys, focus groups/talking circles, and interview.

12% Used or practiced a community needs/resource assessment.

0% Used or practiced a community health project, photovoice, or story maps.

HOW DID THIS HAPPEN?

Planning for the youth-driven evaluation approach started in February 2023. In this process, we developed a visual evaluation plan to guide our work. Our team at NPAIHB worked with Allyson Kelley and Brighten Crawford-Martin to develop a 1-hour presentation about evaluation during the NPAIHB THRIVE conference.

WHAT DID WE DO?

As a group, we discussed public health research methods and how to collect data. Our goal was to give students experience collecting qualitative/quantitative data and discuss the process of how they could then use that data to tell a story through an oral evaluation report. Each student participated and collected data through photos, written/oral words, numbers, or art. Below is an example of how we collected data in each of these ways.
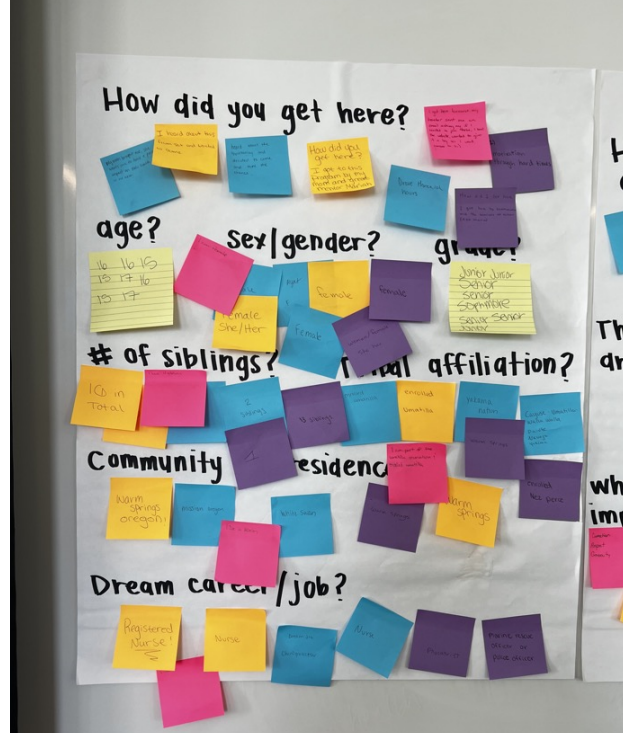
Photos

Each student had 30 seconds to take a picture of something that made them smile. Students also practiced taking photos over the course of the week and adding captions to them, to prepare for the PhotoVoice projects that will happen later in the year.

Written words

Students wrote on sticky notes various types of data, including – What is your tribal affiliation? How did you get here? What is your dream job? What are you unsure of?

Oral words and visioning

We asked students to close their eyes and imagine their life in a year when the research academy is over. In addition, they were asked to envision themselves as an elder in their tribe who is retired from their career as a public health researcher. They took time to breathe and imagine how they felt, what they saw, what was happening in their communities. Students shared their experiences with the group. Many felt happy; their community was doing better, and proud of the work they accomplished.

Numbers

We asked students questions with quantitative outcomes such as age, sex/gender, grade in school, number of siblings, etc.

Art

We asked students to draw their family with art chalk and pastels.

Example: What values and principles are important to you in evaluation?

Respect and **connection** were mentioned the most, followed by sustainability, community-driven, teamwork, kindness, respect, generosity, engaging with the community, learning new things, confidence, and empowerment.

Example: How much do you know about evaluation on a scale of 1 to 10 where 1 is nothing and 10 is everything?

4 is the average knowledge about evaluation (range 1 to 5)

EVALUATION MODEL

We shared this visual evaluation model with students during the training. This model demonstrates how the evaluation utilizes resources, values, and multiple data collection methods to create stories about the project. This model will be included in other lesson plans covered in the Fall and Spring.

PUBLIC HEALTH RESEARCH ACADEMY

NPAIHB

NW NATIVE AMERICAN RESEARCH CENTER FOR HEALTH

METHODS USED TO CREATE STORIES

THRIVE

TRIBAL PUBLIC HEALTH

ADVISORY TEAM

EVALUATION TEAM

CURRICULUM

GOALS
- Spark Learning
- Connect to Mentors
- Meet Role Models
- Grow Researchers
- Improve Public Health

NARCH NPAIHB

VALUES
- Connection
- Confidence
- Hope
- Empower
- Sustain
- Transform
- Equity

RESOURCES

PRAYERS OF ANCESTORS

After data was collected, students learned what the different roles of an evaluation team were. Students were given a name tag as we orally role-played what they would do in their assigned roles. Each role was described.

Once we discussed and assigned each role of the evaluation team, we talked about different ways they might organize the data. Students learned the importance of understanding their audience- who is this data going to? We also talked about the different ways they could present the data, through a written report, oral report, podcast, brochure, etc. This helped them consider how they were going to prioritize and organize the data.

NOW WHAT?
We learned that youth are interested in public health research methods and evaluation. Most have some experience with collecting data via surveys and focus groups; they rated their evaluation knowledge moderate (4 out of 10). Youth value respect, connection, community, and empowerment. These and other values they mentioned will be woven into the evaluation approach and implementation. Together, we will plan, implement, and share stories from the evaluation of the Forging our Futures project with the world.

Project Manager
Keeps things organized, on track leads, and supports various evaluation positions and tasks/deliverables.

Data Collector
Gets all data into one place. Cleans and sorts data to understand what it means.

Qualitative Researcher
Collects all qualitative data (text responses) and analyzes data for themes to answer a question, "What story can we tell about the 2023 NPAIHB PH Research Academy students?"

Quantitative Researcher
Collects all quantitative data (numeric responses like grade, average age, # siblings etc.) to answer the question, "What are the characteristics of 2023 NPAIHB PH Research Academy students?"

Storyteller
Tells the story at the end and helps create a narrative around data points collected. Story can be written, oral, drawing, or other.

Cultural Reviewer
Reviews content from a cultural lens. Does the approach and data honor and uplift culture, focus on strengths and resilience, recognize unique gifts of each tribe, land-based, sovereignty, etc.

#INDIGENOUSEVALUATION
#EVALUATIONASSTORY
#PUBLICHEALTHRESEARCHMETHODS

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