

# Environmental Health Program

Celeste Davis

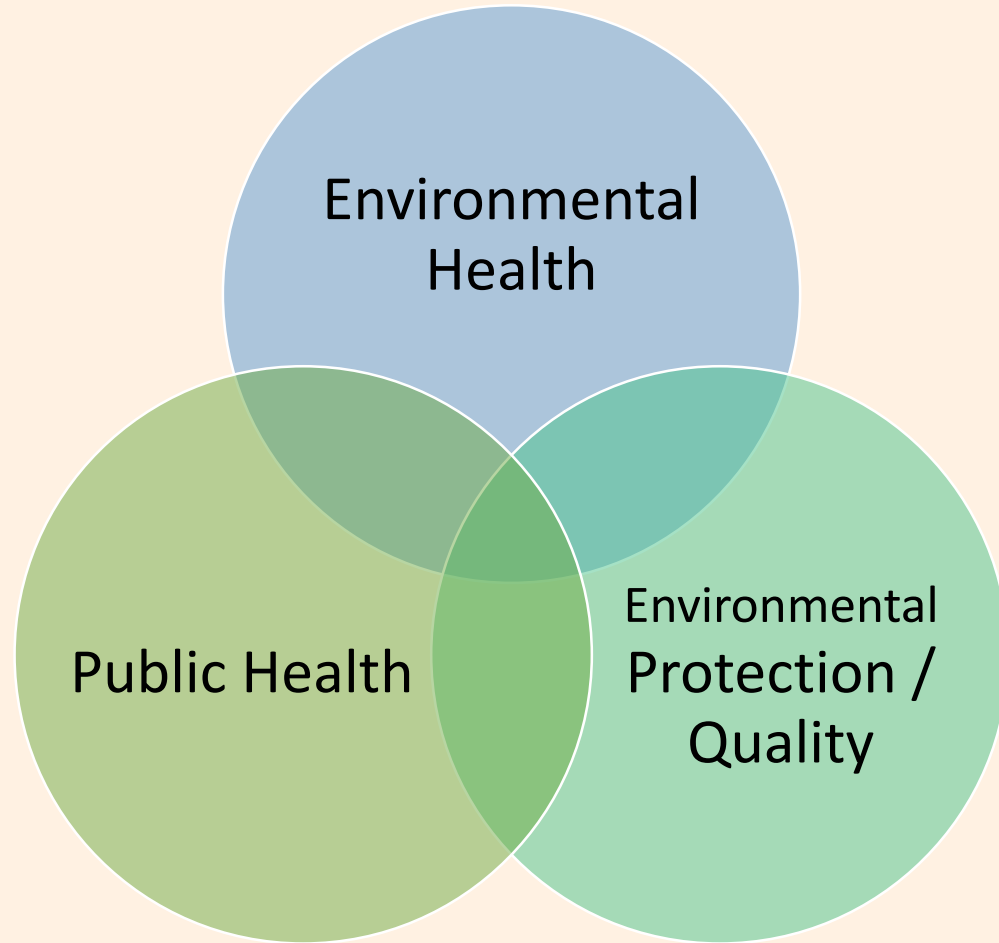
NPAIHB QBM

July 28, 2021

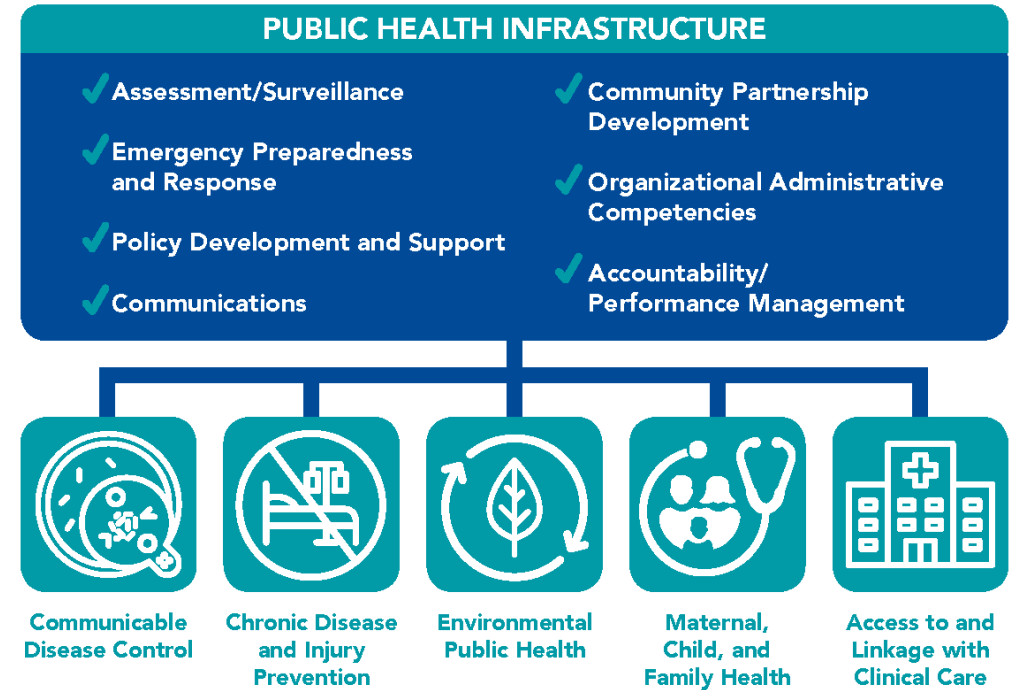


NORTHWEST PORTLAND AREA  
INDIAN HEALTH BOARD  
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# What is Environmental Health?



## phnci<sup>\*</sup> Foundational Public Health Services in Action



November 2018



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# Origin Story

- 2016 – 2017: Feasibility study for P.L. 93-638 of PAO IHS functions
- 2017– 2018: Decided to move forward with 638 of the PAO IHS DEHS program
- 2018 – 2019: Meetings, consultation, and NPAIHB and tribal resolutions in support
- October 2019: Transfer of DEHS PFSAs to NPAIHB
- February 2020: Initial staff hired
- July 2021: Full-steam ahead



# Your Team

Celeste L. Davis, REHS, MPH

- Program Director

Shawn Blackshear, RS, MS

- Sr. Env. Health Specialist

Antoinette Aguirre (Navajo Nation), BA

- Env. Health Specialist

Ryan Sealy (Chickasaw Nation), MPH

- Env. Health Scientist

Holly Thompson Duffy, HHS, MPH

- Env. Health Science Manager

Nicole Smith, MPH

- Env. Health Informatics Specialist



# “Base” Funding & Grant Funded Projects

- **IHS Environmental Health Services Program (638 Contract)**
  - Direct Services to 27 Tribes & Columbia River Sites (PAO IHS maintains direct service for 5 Tribes)
  - Technical Assistance & Consultation to All
- **CDC Office of Tribal Support Funded Grants (under the TEC)**
  - Environmental Health Priorities
  - Environmental Health Hazards & Disasters
- **CDC National Center of Environmental Health Capacity Building Grants**
  - Community Environmental Health Profiles
  - Well Water Safety
- **EPA Drinking Water Infrastructure Grant**
  - Lead Prevention in Child Care Centers

**The Future is Bright for More Opportunities!**



# Program Areas

- Air Quality (mostly indoor)
- Children's Health
- Climate Change (future)
- Clinical EH & Safety
- Community Environment & Sanitation
- Disasters
- Drinking Water
- Food Safety
- Healthy Housing



# Program Services

- **Environmental Health Services**

- Inspections, Audits & Assessments
- Investigations of Hazards & Outbreaks
- Consultation – Program & Plan Reviews, Evaluation
- Training
- Community EH Assessments

- **Environmental Health Science**

- Grants & Cooperative Agreements
- Special Projects or Studies
- Funding Tribal Projects
- Traditional Ecological Knowledge

- **Environmental Health Policy**

- Through NPAIHB Health Policy Analysts

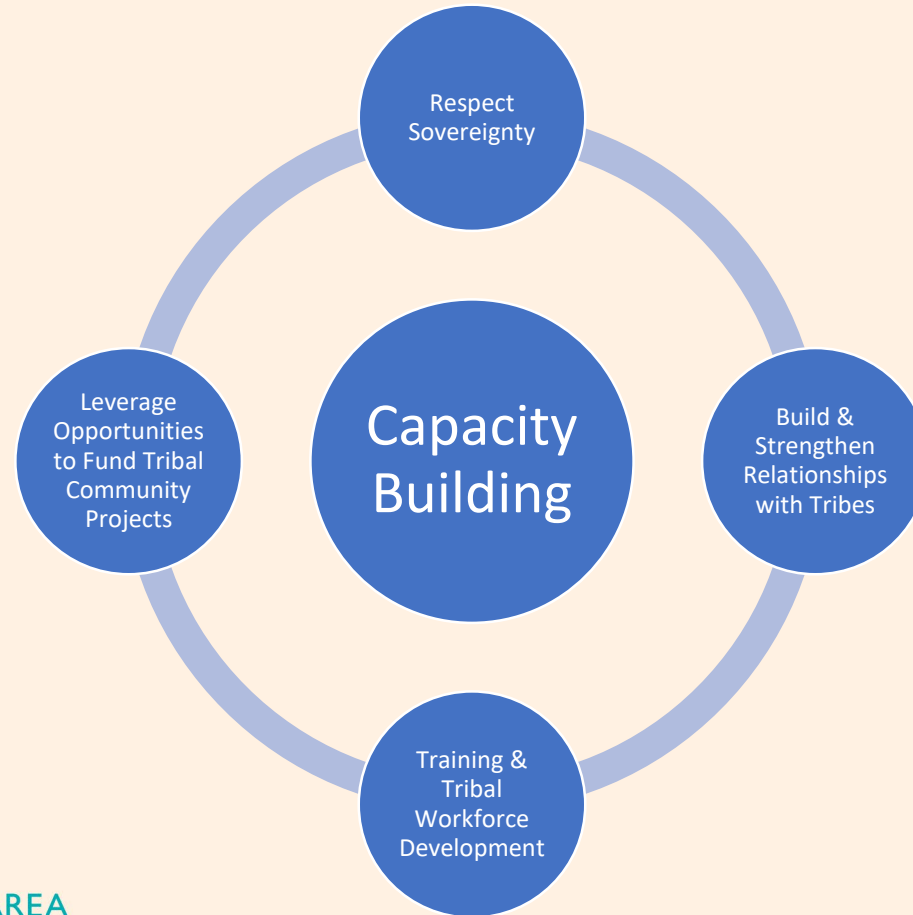
- **Environmental Health Surveillance**

- Health outcome data
- Exposure data
- Environmental quality data
- Environmental health hazards data





# Service Delivery Model





# Connecting Clinic and Community



- Integration of social determinants of health into primary care
  - SDH screening for health-related social needs (HRSN)
  - Environmental concerns
  - Housing quality
- Environmental Health can help improve health status
- Healthy People 2030 objectives



# How EH and the Clinic Can Collaborate

## Referrals from Primary Care Provider

- Asthma
- Maternal & Child Health
- Poisonings
- Injuries
- Infectious Disease

## Information to Primary Care Provider

- Residential Drinking Water Wells – Sample Results
- Environmental Hazards in the Home
- Community Environmental Health Profile Results



# Understanding Tribal Environmental Health Needs

## Community Environmental Health Profiles

- Needs Assessment & Improvement Plan
- Conduct every 3-5 years
- Profile informs community projects & guide services
- Help meet prerequisite for Public Health Accreditation

## Environmental Health Advisory Committee

- Grant applications
- Priority EH Services
- Regional Climate Change Program



# Thank You!



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