

**U.S. EPA Sustainable and Healthy
Communities Seminar Series Proudly
Presents...**

EPA Tribal Science Webinar Series

**Hosted by the National Center for
Environmental Research and the Office of
Science Policy**

January 31, 2017

Arctic Research, One Health and the Local Environmental Observer (LEO) Network: Ongoing Activities and Expansion to Lower 48

- You can access audio through your computer using Adobe Connect (preferred) or through the phone number provided.
- Please turn off all webcams and microphones.
- Please use the chat box in Adobe Connect to submit questions. These will be compiled and the presenters will respond to as many as possible.
- The webinar is being recorded and will be available upon request.

Featured Speakers:

Cynthia McOliver

National Center for Environmental Research, U.S. EPA

Santina Gay

EPA Region 10, Alaska Operations Office, U.S. EPA

Patrick Huber,

Office of International and Tribal Affairs, U.S. EPA

Ed Washburn,

Office of Science Policy, U.S. EPA

Rosalva Tapia

Office of International and Tribal Affairs, U.S. EPA

Research Grants

Tribal Science 2017 Webinar Series

Topic: Arctic Research, One Health and the Local Environmental Observer (LEO) Network: Ongoing Activities and Expansion to Lower 48

Jan. 31, 2017

[Learn more about the webinar and how to register.](#)

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Research Funding Opportunities



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- [Research Grants Listserv](#)
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Research Grant Areas



- [Air](#)
- [Climate Change](#)
- [Ecosystems](#)
- [Health](#)
- [Safer Chemicals](#)
- [Sustainability](#)
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Tools and Resources



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Research Grants

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Funding Opportunities

Research Areas

Air Research Grants

Climate Change Research Grants

Ecosystems Research Grants

Health Research Grants

Safer Chemicals Research Grants

Sustainability Research Grants

Water Research Grants


Research Grants Events

Health Research Grants

EPA provides grants and funding to the nation's leading researchers to improve the scientific basis for decisions on health and environmental issues.



Learn more about health research grants in the following areas:

- [Centers of Excellence on Environmental Health Disparities Research](#)
- [Children's Environmental Health and Disease Prevention Research Centers](#)
- [Healthy Schools Research Grants](#)
- [Tribal Environmental Health Research](#) 

Health Research Funding Opportunities:

Featured Health Resources

- [Health Research](#)
- [Health Science](#)
- [Learn about Health and Safety & Ask a Question](#)

Research Project & Grantee Database

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Research Grants

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Tribal Environmental Health Research

The Science to Achieve Results (STAR) grants program supports research that focuses on the assessment and reduction of risk in susceptible populations. Tribal populations have been tied inextricably to their environments for millennia. Because of their reliance on natural resources to maintain traditional diets, lifeways, customs and languages, there is a unique need for tribal-focused research to identify the impacts of pollution, dietary exposures, cumulative risks and climate changes, as well as to inform decisions to reduce health risks in these areas.

Tribal Environmental Health Research supports research to better understand the health effects of environmental contaminants on tribal populations. The STAR grants program has awarded funding in various research areas that explore such environmental risks, particularly cumulative chemical exposure and global climate change affecting tribes.

[Tribal Environmental Health Research Recipient Lists](#)

Featured Tribal Resources

- [STAR Tribal Past Events and Presentations](#)
- [A Decade of Tribal Environmental Health Research: Results and Impacts from EPA's Extramural Grants and Fellowships Programs \(PDF\)](#)



EPA Science to Achieve Results (STAR) grants supporting the Alaska monitoring activities

Alaska Native Tribal Health Consortium has received two grants supporting Rural Alaska Monitoring Program (RAMP) and biomonitoring efforts

- 2009 – 2015: An Epidemiologic Study of Time Trends and Health Effects of Persistent Organic Pollutants, Mercury and Micronutrients (EPA Grant Number: R833705)
- 2014- 2017: Assessment, Monitoring and Adaptation To Food and Water Security Threats to the Sustainability of Arctic Remote Alaska Native Villages (EPA Grant Number: R835597)

Graphics courtesy of Dr. Jim Berner, ANTHC

Video on RAMP program - <https://vimeo.com/125515030>

Project links:

https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/recipients.display/location_id/3956



To test the exposure history of an animal to certain contaminants and disease, RAM uses a paper blood test strip method developed in Canada. Paper is dipped in the blood of a harvested animal. Each paper tab can be used in the lab for a different test.

Contact Information

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Relevant websites

Main homepage: **<https://www.epa.gov/research-grants>**

People, Prosperity and the Planet: **<https://www.epa.gov/P3>**

Discussion