

Research Translation Core (RTC)

Facilitating the application of our science

The [Research Translation Core \(RTC\)](#), facilitates the use of our research by federal and state government agencies, local government officials, interest groups, public health organizations and public consumers who could be exposed to [arsenic](#) and [mercury](#) through drinking water and food. Developing trusted relationships between our investigators and our stakeholders is a key component of the RTC, to ensure that stakeholder needs are addressed by our research.

Partnering for policy change

We work closely with our research partners to communicate information that helps local, state and federal agencies and community-based organizations make informed decisions on issues that affect public health.

With mercury science partners, we developed [fact sheets in the five U.N. languages](#), summarizing four mercury science-to-policy papers to inform the delegates to the [first Conference of the Parties of the Minamata Convention on Mercury](#) about the latest mercury science and gaps in knowledge.



Our long-term facilitation of the [New Hampshire \(NH\) Arsenic Consortium](#) informed the 2019 reduction of the NH maximum contaminant level for arsenic in public water from 10 parts per billion to 5. Our [Collaborative on Food with Arsenic and associated Risk and Regulation](#) brought scientists together with policy stakeholders for a workshop focusing on knowledge gaps and policy questions from soil to plate to policy.

Materials for concerned consumers

We create resources including [fact sheets](#), [websites](#) and [videos](#), to help the public stay informed about the latest research on mercury and arsenic and learn how to make choices for healthy families.

The Arsenic and You website informs users about sources and risks of arsenic exposure and includes actions to lower exposure: www.ArsenicandYou.org



Our two short videos on mercury and arsenic explain the risks of arsenic and mercury exposure and how to be a safe and conscientious consumer.

<https://sites.dartmouth.edu/toxmetal/home/check-out-our-videos/>

Please contact us!

Visit our Research Translation page: <https://sites.dartmouth.edu/toxmetal/program-resources/research-translation/>

Contact Laurie Rardin, Research Translation Coordinator:
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Community Engagement Core (CEC)

Making Connections

The [Community Engagement Core \(CEC\)](#) connects communities with researchers. Through bi-directional partnerships with diverse communities in Northern New England we enhance the ability to understand and address the health risks associated with [arsenic](#), [mercury](#), and [other environmental contaminants](#).

Our Communities

We work with families, providers, consumers, private well owners, high school science students, teachers, and many others, primarily in New Hampshire, Vermont, and Maine.



Resources

[Online learning module](#)

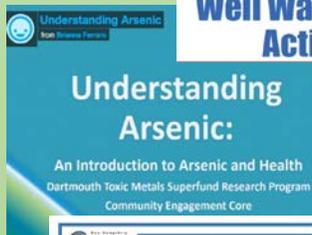
For providers to learn about arsenic.

[Research Brief](#)

For the medical community to learn about current research on arsenic in water and food.

[Vermont Fish App](#)

For shoppers and anglers to know what is safe to eat.



Sample Projects

[Mental Models for Arsenic Risk Communication](#)

What do people think about arsenic risk? We work with arsenic experts and community members to understand what people think to design better communication materials.

[The Dragonfly Project](#)

Through dragonfly larvae collection, we engage high school science students and teachers in the scientific process and data literacy on the topic of mercury in the environment. Dragonfly larvae serve as a bioindicator of mercury levels.

[Well Water Community Action Toolkit](#)

Are you a private well owner? In partnership with experts from the State of New Hampshire, we offer educational presentations on private wells to encourage communities to test their water!

[Science Education Partnership Award](#)

In partnership with the Mt. Desert Island Biological Lab in Maine, we promote data literacy in classrooms to increase private well water testing rates.

Questions?

Visit our Community Engagement page: <https://sites.dartmouth.edu/toxmetal/program-resources/community-engagement/>

Email us at Superfund.Community.Engagement@dartmouth.edu