

## TOPICAL INSTITUTES

**PNNL has formed strategic partnerships with four joint research institutes, collaborating on research with global impacts.**

**The Joint Global Change Research Institute**, located at the University of Maryland, houses an interdisciplinary team dedicated to understanding the problems of global climate change and their potential solutions.

**The Microproducts Breakthrough Institute**, collaboratively managed with Oregon State University, is committed to the development of micro and nano-technologies for sustainable energy and healthy environments.

**The Bioproducts, Sciences, and Engineering Laboratory**, is a partnership with Washington State University whereby researchers teams are coming together to create biofuels, new chemicals and bioproducts that will reduce our nation's dependence upon oil.

**At the Aerosol Chemistry and Climate Institute**, located at the University of California at San Diego, scientists bridge two of the most important fields in climate science—atmospheric science and fundamental molecular science and chemistry—for more precise predictions of climate change and its effects.



## ABOUT PNNL

Pacific Northwest National Laboratory is a Department of Energy Office of Science national laboratory where interdisciplinary teams advance science and technology and deliver solutions to America's most intractable problems in energy, the environment and national security. PNNL employs 4,800 staff, has an annual budget of nearly \$1.1 billion, and has been managed by Ohio-based Battelle since the lab's inception in 1965.

For more information about PNNL's Institutional Partnerships program contact:

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# Institutional Partnerships



**Partnerships are a vital part of research**



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At the Pacific Northwest National Laboratory, our collaborators help us achieve greater, more impactful results than we could working alone. The diversity of approaches and resources—which are provided by a rich set of partnerships—enable us to continue to expand the frontiers of science and provide solutions to the world’s most pressing problems.

## University Partnerships

Engagement with university collaborators is a key part of the Laboratory’s research strategy. By seeking out institutions with complementary strengths, we are collaboratively able to strengthen the value of our research within the science and technology community.

Beyond a traditional university partnership, we have established topical research institutes with key universities, and deeper researcher to researcher collaborations with others.



**PNNL’s Institutional Partners are key to having the greatest impact as we deliver world-leading science and technology solutions.**

## Topical Institutes

The Laboratory has several Joint Research Institutes on focused specific, pressing topics with key university partners. These Institutes may be virtual or physical, and engage a significant number of both PNNL and university staff on large research problems.

## PI-to-PI Research Collaborations

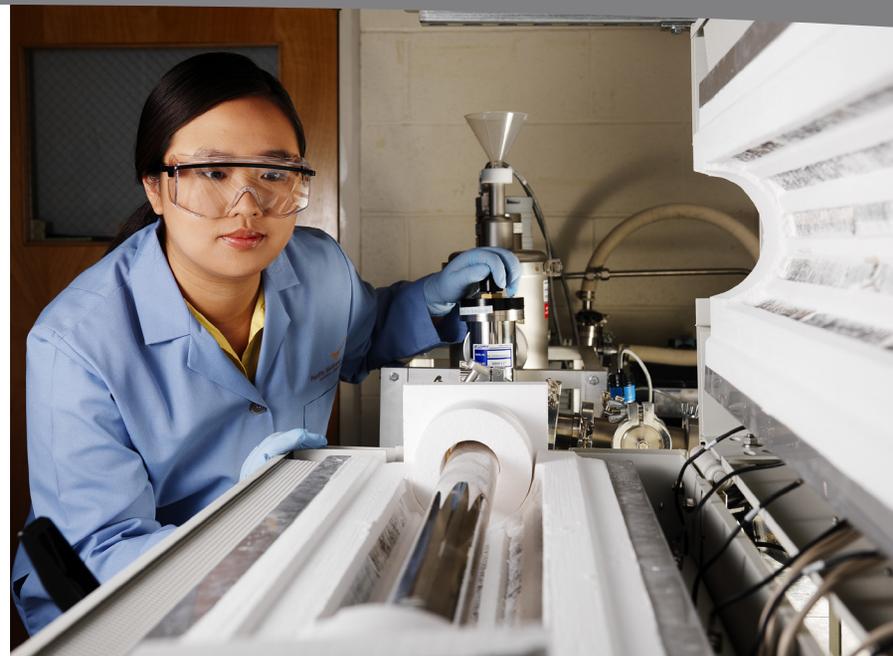
The foundation of our university interactions are those initiated by principal investigators who reach out to colleagues around the globe to collaborate on specific projects.

PNNL works to provide an environment where such collaborations are made as simple as possible, so the researchers can focus on what they do best.

## Joint/Dual Appointments

The Joint (or Dual) Appointment Program serves as a means of furthering a strategic relationship between the Laboratory and other key research institutions. Joint Appointment arrangements are used to enhance the ability of both institutions to achieve common research and education missions.

A Joint Appointment is strategic in nature to both institutions and is generally a long-



Pacific Northwest National Laboratory’s research collaborations with universities and institutes will build a stronger Laboratory with a diverse staff to handle today’s leading problems.

term relationship. Joint Appointees have the flexibility to work in both the Laboratory and academic environments in order to produce courageous, high-value research which is beneficial to each partner and their respective field.

PNNL has Joint/Dual Appointment arrangements with Washington State University, the University of Utah, the University of Delaware, and the University of Washington.

Individual Joint Appointments with key institutions are also arranged when mutually beneficial.