OPPORTUNITIES

Events current at time of publication. Have a virtual resource or event to share? Email us!

- August 15-19 – 30th Pacific Northwest Economic Region Annual Summit
- August 25-27 – Preparedness Summit
- October 5-7 – 2020 Partners in Emergency Preparedness Conference
- October 7-8 – Joint Civil and DOD CBRN Symposium and Technology Showcase

CONTACT

- Want to know more? Visit us at pnnl.gov/projects/nwrtc.
- Contact the NWRTC with questions and comments at nwrtc@pnnl.gov.

AROUND THE REGION IN HOMELAND SECURITY

The Northwest Regional Technology Center (NWRTC) is a virtual resource center, operated by Pacific Northwest National Laboratory (PNNL), to support regional preparedness, resilience, response, and recovery. The center enables homeland security solutions for emergency responder communities and federal, state, and local stakeholders in the Northwest.

PISCES PARTNERSHIP OFFERS NO-COST SECURITY MONITORING FOR PUBLIC SECTOR

Smaller cities and counties now have easy access to free network information security monitoring, thanks to a new partnership called PISCES—the Public Infrastructure Security Cyber Education System (PISCES).

PISCES-NW

In partnership with the Department of Homeland Security Cybersecurity and Infrastructure Security Agency (CISA) and PNNL, PISCES is a nonprofit organization that partners with the private sector, colleges and universities, and local governments to provide no-cost cybersecurity event monitoring to small public sector organizations. The program is currently partnered with Western Washington University, Spokane Falls Community College, Central Washington University, and Eastern Washington University.

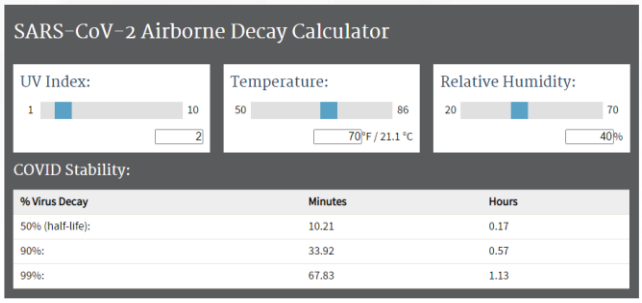
“Through PISCES, we are helping build a reliable high-quality student pipeline to address the shortage of cyber professionals ready for the workforce,” said Steve Stein, executive director. “Cities and counties get the cyber defense they need, and students gain hands-on experience as entry-level cyber analysts.”

PISCES provides qualified academic institutions with data, curricula, and supervised experiences to train students as entry-level cyber analysts. Students analyze streaming data for small communities or municipalities, which may otherwise not be able to obtain security monitoring.

PISCES is growing in Washington State and actively seeking new community partners. If you represent a jurisdiction or academic institution interested in PISCES, you can learn more about the program and how to participate on the PISCES website at https://pisces-nw.org/.

DHS S&T LAUNCHES TOOL TO PREDICT AIRBORNE VIRUS DECAY

The DHS Science and Technology Directorate (S&T) added a new calculator to their online tool suite to estimate the natural decay of SARS-CoV-2 (the virus that causes COVID-19) in the air under various environmental conditions. The airborne decay calculator evaluates the impact of conditions with temperatures ranging from 50-86 degrees Fahrenheit, relative humidity of 20-70 percent, and sunlight with an ultraviolet index up to 10. Using the results of research conducted at S&T's National Biodefense Analysis and Countermeasures Center, the tool is designed to assist response efforts and minimize person-to-person transmission by analyzing environmental factors that may affect the ability of the virus to spread. These resources are being produced as part of S&T's Probabilistic Analysis for National Threats Hazards and Risks program.



MICRO-AEROSOL DISINFECTING SYSTEM AIDS IN BATTLE AGAINST CORONAVIRUS

First responders are on the frontline in the battle against COVID-19, often exposing themselves, equipment, and vehicles to the deadly virus. The Florida State Firefighters Association (FSFA) has added a new disinfection technology developed at PNNL in their effort to control and mitigate the ongoing spread of the virus. The technology, known as Paerosol, was licensed to a South Carolina company called NanoPure in 2018.

Paerosol converts salt water into a powerful, micro-aerosol disinfectant that kills 99.999% of bacteria, viruses, and spores—including the COVID-19 virus. Recent testing conducted by Mako Medical Laboratories in North Carolina has provided preliminary results demonstrating Paerosol's effectiveness at eliminating the COVID-19 viral particles.

The FSFA has deployed multiple response units in the state of Florida and disinfected dozens of fire stations, restaurants, businesses, hospitals, schools, and first response vehicles. According to the FSFA, Paerosol is simple to use, cost-effective, and requires no technical training, no site preparation, and no clean up.

Read the web feature for details.

TEST-DRIVE PNNL INTELLECTUAL PROPERTY

Interested in learning more about PNNL's available technologies that could help with the battle against the coronavirus? For a limited time, PNNL is offering its entire portfolio of patented technologies on a research trial basis—at no cost. Through December 31, 2020, the standard $1,000 fee will be waived for organizations and entrepreneurs interested in signing a nonexclusive exploratory license agreement, which means more than one organization can hold a license for the same technology. Read the news release to learn more.

For more information, contact Director Ann Lesperance (ann.lesperance@pnnl.gov | (206) 528-3223), or Deputy Directors Ryan Eddy (ryan.eddy@pnnl.gov | (509) 372-6622) and Rob Jasper (robert.jasper@pnnl.gov | (509) 371-6430), or visit pnnl.gov/projects/nwrtc.
PNNL-SA-154248