



Dr. Christopher Aardahl | Director

Homeland Security Programs
National Security Directorate

Dr. Christopher Aardahl is the Director of the Homeland Security Programs in the National Security Directorate at Pacific Northwest National Laboratory (PNNL). Christopher's principal role is outreach to the homeland security community including Department of Homeland Security agencies, state and local government, industry and academia to deliver multi-disciplinary research, development, and operations capabilities to important homeland security missions and technical challenges.

Previously, Christopher was the Division Director for Signatures Science & Technology, which included principal line management functions for 350+ researchers and support staff. Prior to management assignments, he has served in the positions of Principal Investigator, Co-Principal Investigator, Chief Engineer, and Project Manager for over \$30M in research and development projects since joining PNNL in 1998.

Christopher's past research interests include chemical hydrogen storage, automation of nuclear materials characterization for non-proliferation and treaty monitoring activities, heterogeneous catalysis and non-thermal plasma discharges for a variety of applications, aerosol chemical-physics and WMD signature collection materials. He has been awarded 12 US patents and is co-author of 48 peer reviewed publications and reports. In 2003, he was part of a team that received a Federal Laboratory Consortium Award for Technology Transfer for the development of plasma-facilitated lean NOx catalysis, and in 2009, he received the DOE Hydrogen Program R&D Award.

Christopher holds a Bachelor of Science degree in Chemical Engineering from the University of California, Davis and a Doctorate of Chemical Engineering degree from the University of Washington.

