

Applied Research



News

Haley & Aldrich expands environmental research with new U.S. government funding

Burlington, Mass., March 5, 2024 – Haley & Aldrich has won funding from the U.S. government for two new research projects focused on improving remediation and management approaches for [PFAS](#) (per- and polyfluoroalkyl substances) and chlorinated solvents.

The U.S. Department of Defense (DOD) will fund the projects through its [Strategic Environmental Research and Development Program](#). Haley & Aldrich's [Min-Ying Jacob Chu](#), Ph.D., P.E.; [Raul Tenorio](#), Ph.D., EIT; and [John Xiong](#), Ph.D., P.E., will lead the projects under the umbrella of Haley & Aldrich's [Applied Research program](#), which has received over \$8 million in research funding from the DOD and other government entities over a decade, furthering remediation possibilities for multiple legacy and emerging contaminants.-

"This new round of funding underscores the success of our teams' past efforts and the confidence that partners continue to have in our ability to solve difficult problems," said John, who leads the Applied Research program. "We're grateful to continue working together toward new, more environmentally responsible practices that benefit our shared communities and natural environment."-

John will collaborate with academic researchers at the University of California, Riverside, and the University of Texas at Austin to lead a project focused on developing a cost-effective in situ method to destroy PFAS in groundwater, using ligand-coordinated zero-valent metals at ambient conditions. Jacob and Raul will lead the other project in collaboration with Weile Yan of the University of Massachusetts, Lowell, with aim of developing a cutting-edge monitoring tool capable of demonstrating the occurrence of abiotic transformation and estimating its rate in situ.-

Both projects begin in 2024, and researchers expect them to run through 2028.-

For more information: -

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