



# TAMUS reports: Improving how metals withstand nuclear reactions

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*By The Texas A&M University System National Laboratories Office*

Researchers from the Texas A&M University Department of Materials Science and Engineering and Los Alamos National Laboratory (LANL) Materials Science at Radiation and Dynamics Group are improving the metals used to construct nuclear technology. This collaboration is made possible by The Texas A&M University System National Laboratories Office and LANL.

Michael Demkowicz, Ph.D. and Kelvin Xie, Ph.D. from Texas A&M, and Yongqiang Wang, Ph.D. from LANL, are investigating hydrogen retention in metals that are exposed to nuclear processes, with the intent of improving how these materials perform over time.

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