Independent self-motivated US citizens or permanent residents (green card) with a doctorate degree in the fields of engineering/physics/closely related field are invited to apply for a research position at the Navy Technology Center for Safety and Survivability. Eligible candidates must have a background in performing computations in combustion. The Navy Technology Center for Safety and Survivability is conducting research on fundamental and applied combustion and fire suppression behavior. Knowledge in canned software like FLUENT and in programing-languages will be a plus. The applicant will participate in a R&D team working on developing understanding of crude oil spray and natural gas combustion behavior in Arctic conditions and scaling from bench-scale to intermediate, and to field scale. In addition, the applicant will perform simulations of experimental nozzle/burner design, interact with experimentalists, and interface with the Department of Defense and other government and non-government entities to develop new avenues of research. A strong record of research accomplishments, the ability to work in a team environment, excellent oral and written communications skills, presentations of scientific results at national meetings, and/or publications in peer-reviewed journals are desired. The Naval Research Laboratory is dedicated to advancing basic and applied research with emphasis on topics relevant to naval operations. State-of-the-art DOD High Performance Computing facilities and infrastructure are available.

For more information, contact:

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