

INL News Release
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National nuclear organization honors INL employee for technical abilities

Priyush Sabharwall, a scientist in the Nuclear System Design and Analysis Division at Idaho National Laboratory (INL), will receive the American Nuclear Society Young Members Excellence Award at the ANS annual meeting in November. The annual recognition goes to an early-career nuclear scientist who demonstrates outstanding technical abilities.

Sabharwall's research is in developing new technology for very high temperature nuclear reactors. He also works on ways to integrate nuclear power and renewable sources, like wind energy, into the power grid — coupling a constant source with one that varies with the weather. Sabharwall's solutions could lead to a cleaner and more energy efficient future for the United States.

"He has a solid background in nuclear engineering and has actively developed a reputation of excellence with experts throughout the world," said INL scientist Michael G. McKellar, who has worked with Sabharwall on a number of research projects, including the development of hybrid energy systems.

"He possesses enormous energy, and knowledge base in the general area of nuclear engineering and research management," said Michael Glazoff, a distinguished staff scientist at INL. "He shows promise to grow into one of the future leaders of the American nuclear industry."

His manager, George Griffith, notes that Sabharwall has "a creative approach to solving things."

In addition to his own research, Sabharwall is a board director on the Idaho NASA Space Grant Consortia. Sabharwall came to INL in 2005. He received his Ph.D. in 2009 from the University of Idaho, and completed a master's in engineering management this past spring by taking advantage of the U.S. Department of Energy's education program.

"It lets me know that I am doing the right thing," Sabharwall said of the award. He says that he hopes to continue to work in the field, if the trend continues.

INL is one of the DOE's 10 multiprogram national laboratories. The laboratory performs work in each of DOE's strategic areas: energy, national security, science and environment. INL is the nation's leading center for nuclear energy research and development. Day-to-day management and operation of the laboratory is the responsibility of Battelle Energy Alliance.

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