

UCSD materials scientist and nuclear energy researcher elected to National Academy of Engineering

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Massoud T. Simnad, adjunct professor in the department of applied mechanics and engineering sciences at the University of California, San Diego, was one of 77 individuals elected this year to the National Academy of Engineering.

Election to the academy is considered one of the highest professional honors for an engineer.

Simnad's research focuses around materials science and engineering, nuclear energy and energy technologies. The goal of his work is to develop materials and fuels for advanced nuclear energy systems through interdisciplinary activities that bridge materials science and energy technologies.

Simnad, who joined the UCSD faculty as an adjunct professor in 1982, held several senior positions with nearby General Atomics from 1956 to 1981; he continues to work as a consultant for that organization.

Simnad also has served as a visiting professor at MIT, a senior research and faculty member at Carnegie-Mellon University, and a research associate at Cambridge University.

He is a fellow of the American Nuclear Society, American Society of Metals, and the American Association for the Advancement of Science.

In 1993, he was honored by the American Nuclear Society with an Outstanding Achievement Award.

Simnad has authored more than 100 papers in scientific/technical journals and has been issued 18 patents, including two involving nuclear fuel.

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