

INL News Release
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Idaho Chemical Engineer Earns Prestigious Membership

The American Institute of Chemical Engineers (AIChE) this summer named Terry Todd, director of the Idaho National Laboratory Fuel Cycle Science and Tech Division, as a Fellow. This level of membership is the highest offered by the AIChE. It is awarded to outstanding members of the profession who have been working for 25 years or more, and is recognition from peers of outstanding professional achievements.

Todd has been a chemical engineer for 33 years, beginning with his bachelor's degree in chemical engineering from Montana State University. He has a Ph.D. in radiochemical engineering from the Khlopin Radium Institute, St. Petersburg, Russia.

At INL, where he has spent more than 30 years, Todd currently specializes in chemical separations methods to recycle nuclear fuel and reduce waste. He has held numerous leadership positions, and in 2008 earned the INL distinction of Laboratory Fellow.

In addition to authoring many peer-reviewed publications over his career, Todd has been awarded 29 patents. Some of these patents relate to the Nano-Composite Arsenic Sorbent, an affordable polymer particle that removes the toxic substance from drinking water. Todd says the invention "might help make life better for affected people." The technology received a prestigious R&D 100 Award in 2006.

"I really like what I do," says Todd, crediting his success to teams of collaborators from different disciplines which help foster innovation. "I've worked with some great people...you kind of play off each other."

Being a member of the chemical engineering institute affords Todd even more opportunity to collaborate and think outside the box. His training as a chemical engineer makes him exceptional in a nuclear R&D organization such as INL. He is the only current INL employee named as a Fellow of the AIChE, which has 45,000 members in 90 countries.

INL is one of the DOE's 10 multiprogram national laboratories. The laboratory performs work in each of the strategic goal areas of DOE: 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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