



## B I O G R A P H Y

### John C. Wagner, Ph.D.

#### *Director, Idaho National Laboratory*

Dr. John C. Wagner is the director of Idaho National Laboratory and president of Battelle Energy Alliance LLC. He is responsible for management and integration of a large, multipurpose laboratory with a mission focused on nuclear energy, national and homeland security, and energy and environment science and technology. He leads this U.S. Department of Energy national laboratory of more than 6,000 scientists, engineers and support staff in multiple nuclear and nonnuclear experimental facilities, with an annual budget exceeding \$2 billion.

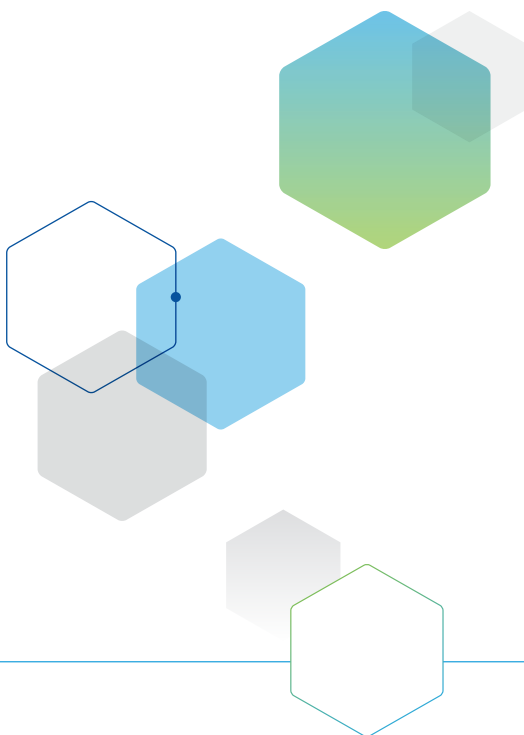
Wagner began serving as INL director in December 2020.

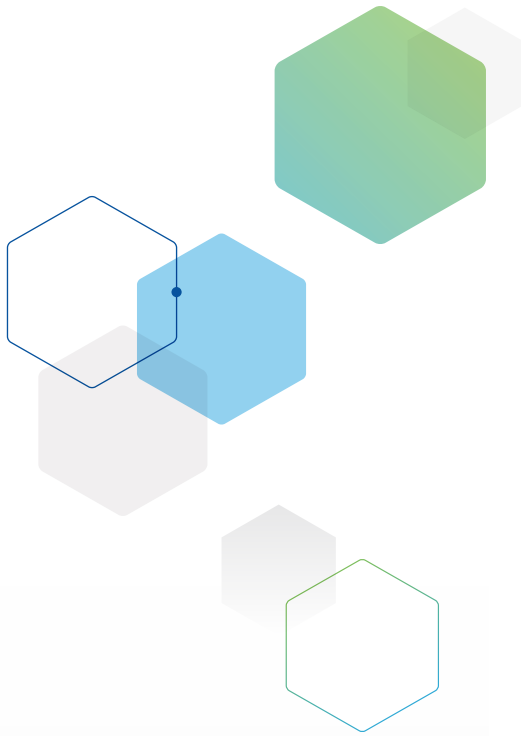
He has more than 25 years of experience performing research and managing and leading research and development projects, programs and organizations.

Wagner's experience is strongly aligned with INL's programmatic portfolio. He has guided and helped implement INL's nuclear energy strategy during a pivotal period for American nuclear energy. As a recognized expert in reactor and fuel cycle technologies, he is called upon frequently to advise on nuclear energy policy, including testifying before Congress on topics ranging from advanced reactor development to used nuclear fuel management.

Wagner earned a bachelor's in nuclear engineering from the Missouri University of Science and Technology in 1992, and master's and doctorate degrees from the Pennsylvania State University in 1994 and 1997, respectively. Following graduate school, Wagner joined Holtec International as a principal engineer, performing criticality safety analyses and licensing activities for used fuel storage pools and storage and transportation casks. Wagner joined Oak Ridge National Laboratory as a research and development staff member in 1999, performing research in the areas of hybrid (Monte Carlo/deterministic) radiation transport methods, burnup credit criticality safety, and spent nuclear fuel characterization and safety.

While at Oak Ridge, Wagner held various technical leadership positions, including technical lead for post closure criticality in support of the DOE Office of Civilian Radioactive Waste Management's Lead Laboratory for Repository Systems, Radiation Transport Methods Deputy Focus Area lead for the Consortium for Advanced Simulation





of Light Water Reactors, and national technical director of the DOE Office of Nuclear Energy's Nuclear Fuels Storage and Transportation Planning Project. Wagner held various management positions, including group leader for the Criticality and Shielding Methods and Applications, Radiation Transport, and Used Fuel Systems groups.

In 2014, Wagner became director of the Reactor and Nuclear Systems Division, with responsibility for management direction and leadership to focus and integrate the division's seven research and development groups and the Radiation Safety Information Computational Center.

Wagner is a Fellow of the American Nuclear Society and the American Association for the Advancement of Science and recipient of the 2013 E.O. Lawrence Award. He has authored or co-authored more than 180 refereed journal and conference articles, technical reports, and conference summaries. He was the original developer of the A3MCNP and ADVANTG codes and led the development of the CADIS and Forward-Weighted CADIS hybrid transport methods.