

PAUL WILSON

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Paul Wilson is the Grainger Professor of Nuclear Engineering in and chair of the University of Wisconsin-Madison's Department of Engineering Physics. His research interests focus on developing improved tools for computational modeling of complex nuclear energy systems, with applications in radiation shielding, nuclear waste management, nuclear non-proliferation, and energy policy. Paul joined UW-Madison as an assistant professor in August 2001 as part of the Energy Systems and Policy Hiring Initiative. Previously, he chaired UW-Madison's Energy Analysis and Policy graduate certificate program and served on the governance committee of UW-Madison's Nelson Institute for Environmental Studies. In addition to the research pursued by his Computational Nuclear Engineering Research Group (CNERG), Paul has served in a number of advisory and consultant roles. From 2001-2003, he was a member of the U.S. Department of Energy's Generation IV Technology Roadmap Committee. In 2010, he was engaged as a consultant to the CEA Saclay, ERC Petten, the Karlsruhe Institute of Technology, and the Blue Ribbon Commission on America's Nuclear Energy Future. Born in Edinburgh, Scotland, and raised in Fort Saskatchewan, Alberta, Canada, Paul specialized in the nuclear power option of the Engineering Science program at the University of Toronto. After receiving his bachelor of applied science in engineering science, he began his graduate schooling in nuclear engineering at UW-Madison. After three years, he moved to Karlsruhe, Germany, where he studied in the Institute for Neutron Physics and Reactor Engineering (of the Karlsruhe Institute of Technology), earning his Dr.-Ing. degree in mechanical engineering in 1998. Returning to Madison, Paul completed his Ph.D. in nuclear engineering in 1999. Paul was the founding president of North American Young Generation in Nuclear [NA-YGN], an organization created to provide unique opportunities to young professionals in all fields of nuclear science and technology. He has been active in the American Nuclear Society (ANS) for over 15 years, including membership on various committees and chairing both the Student Sections Committee and the Special Committee on Electronic Communications and Publications. Paul also represented the ANS and NA-YGN at the international climate change negotiations in Buenos Aires, Argentina (1998), and Bonn, Germany (1999). He is a member of both the American and Canadian Nuclear Societies, the American Society for Engineering Education, and the NA-YGN.