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William H. Sanders is a Donald Biggar Willett Professor of Engineering, the Director of the Information Trust Institute, and the Acting Director of the Coordinated Science Laboratory at the University of Illinois at Urbana-Champaign. He is a professor in the Department of Electrical and Computer Engineering and Affiliate Professor in the Department of Computer Science. He is a Fellow of the IEEE and the ACM, a past Chair of the IEEE Technical Committee on Fault-Tolerant Computing, and past Vice-Chair of the IFIP Working Group 10.4 on Dependable Computing.

Dr. Sanders's research interests include secure and dependable computing and security and dependability metrics and evaluation, with a focus on critical infrastructures. He has published more than 200 technical papers in those areas. He is currently the Director and PI of the DOE/NSF/DHS Trustworthy Cyber Infrastructure for the Power Grid (TCIP) Center and the new DOE/DHS TCIPG Center, which are at the forefront of national efforts to make the U.S. power grid smart and resilient.

He is also co-developer of three tools for assessing computer-based systems: METASAN, *UltraSAN*, and Möbius. Möbius and *UltraSAN* have been distributed widely to industry and academia; more than 500 licenses for the tools have been issued to universities, companies, and NASA for evaluating the performance, dependability, and security of a variety of systems. He is also a co-developer of the Loki distributed system fault injector, the AQuA/ITUA middlewares for providing dependability/security to distributed and networked applications, and the NetAPT (Network Access Policy Tool) for assessing the security of networked systems.