

William L. Scherlis is a Professor of Computer Science at Carnegie Mellon University and Special Advisor to the Software Engineering Institute, a DoD FFRDC at CMU. He recently served as director of DARPA's Information Innovation Office (I2O) leading program managers in the development of programs in cybersecurity, artificial intelligence, secure software, and information operations. At Carnegie Mellon (CMU) he served for more than a decade as head of the Software and Societal Systems Department, which hosts research and educational programs related to software development, security and privacy, IoT and mobility, AI engineering, social network analysis, and related topics. He founded the CMU PhD program in Software Engineering and led it for its first decade. His research relates to software assurance, cybersecurity, software analysis, and assured safe concurrency.

He has led several large research projects including the CMU National Security Agency Science of Security Lablet and the CMU/NASA High Dependability Computing Project. He served as program chair for technical conferences including ACM Foundations of Software Engineering (FSE) and ACM Partial Evaluation and Program Manipulation (PEPM).

Scherlis has led multiple national studies including the National Academies study that in 2010 produced the report Critical Code: Software Producibility for Defense. He has testified before Congress on federal software sustainment, on computing technology and innovation, and on roles for a Federal CIO. He is a Life Fellow of the IEEE and a Lifetime National Associate of the National Academy of Sciences. He was recently appointed the Computer Science and Telecommunications Board (CSTB) of the National Academies.

Dr. Scherlis received an AB magna cum laude from Harvard University in applied mathematics and a PhD in computer science from Stanford University, with an intervening year in the Department of Artificial Intelligence at the University of Edinburgh as a John Knox Fellow.