

## Dr. Eugene Spafford

Eugene H. Spafford is a professor of Computer Sciences at Purdue University and a professor of Electrical and Computer Engineering, a professor of Philosophy (courtesy appointment), a professor of Communication (courtesy), and is the founder and Executive Director of the Center for Education and Research in Information Assurance and Security (CERIAS). CERIAS is a campus-wide multi-disciplinary Center, with a broadly-focused mission to explore issues related to protecting information and information resources. CERIAS was established in 1998 from the earlier COAST Laboratory, headed by Professor Spafford, and founded in 1992.



Dr. Spafford has written and spoken extensively about information security, cybercrime, software engineering, and professional ethics. He has published over 100 articles and reports on his research, has written or contributed to over a dozen books, and he serves on the editorial boards of several major infosec-related journals.

In his career to date, Professor Spafford and his students are credited with a number of security "firsts," including the first open security scanner, the first widely-available intrusion detection tool, the first integrity-based control tool, the first multistage firewall, the first formal bounds on intrusion detection, the first reference model of firewalls, and some of the first work in vulnerability classification databases. Much of the current security product industry can therefore be viewed as based, in part, on his past research; some of his ideas directly led to the establishment of two commercial firms: Tripwire and Signacert. His current research is directed towards issues of public policy and information security, architecture and construction of highly-secure systems, and cyberforensic technologies.

Dr. Spafford is a Fellow of the ACM, Fellow of the AAAS, Fellow of the IEEE, and is a charter recipient of the Computer Society's Golden Core award. In 2000, he was named as a CISSP, honoris causa. He was the year 2000 recipient of the NIST/NCSC National Computer Systems Security Award, generally regarded as the field's most significant honor in information security research. In 2001, he was named as one of the recipients of the "Charles B. Murphy" award and named as a Fellow of the Purdue Teaching Academy, and in 2003 was named to the "Book of Great Teachers" -- thus receiving all three of Purdue University's highest awards for outstanding teaching.

In 2001, Dr. Spafford was elected to the ISSA Hall of Fame, and he was awarded the William Hugh Murray medal of the NCISSE for his contributions to research and education in infosec. He is a 2003 recipient of the Air Force medal for Meritorious Civilian Service. In 2004, Spafford was named as the recipient of the IEEE Computer Society's Taylor Booth medal, and of the ACM SIGCAS's "Making a Difference" award. In 2005 he was named as a recipient of the IEEE Computer Society's Technical Achievement Award. In 2006, he received the ACM SIGSAC's "Outstanding Contribution" award, and in 2007 he was named as the recipient of the prestigious ACM President's Award.

Among his many activities, Dr. Spafford is chair of the ACM's U.S. Public Policy Committee, is a member of the Board of Directors of the Computing Research Association, and was a member of the most recent President's Information Technology Advisory Committee (PITAC).

More information may be found at <[http: /homes.cerias.purdue.edu/homes/~spaf](http://homes.cerias.purdue.edu/homes/~spaf)>.

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