

Dr. Fred Cohen

Dr. Cohen has performed research over a period of years, published peer reviewed papers, two books, and book chapters on issues of digital forensic evidence examination including specific work on examining digital traces for consistency, similarity, and a variety of closely related issues. He has testified at deposition and at trial in matters involving digital forensics and software and have been qualified as an expert in Federal, State, and Local civil and criminal matters and has consulted in US military justice and administrative matters.

EDUCATION AND TEACHING

Dr. Cohen earned and received a B.S. in Electrical Engineering from Carnegie-Mellon University in 1977, an M.S. in Information Science from the University of Pittsburgh in 1981, and a Ph.D. in Electrical Engineering from the University of Southern California in 1986. His dissertation was titled "Computer Viruses" and his graduate work in electrical engineering was largely oriented toward issues related to information protection and the design, analysis, and operation of information technology. He was also granted an honorary doctorate (Honoris causa) of Computer Science at the University of Pretoria, South Africa in 2011 for his work in information protection and digital forensics.

He has taught and developed and continues to develop courses at the graduate level in the area of digital forensics, information protection, national security, and other related areas, and peer reviews articles and other publications written by authors in these fields. He has worked as a research professor creating and teaching graduate level courses in related areas for the University of New Haven, collaborated in the creation of new

Dr. Fred Cohen teaches the following courses at Park University:

- **COURSE-01: Identification, Collection and Preservation of Digital Forensic Evidence**
Digital Forensic Computer Investigation Certificate
- **NS-10: Future Issues and Global Trends in National Security and Intelligence**
National Security and Intelligence Analysis Certificate

Contact Wakisha Briggs, Director of Continuing Education at wakisha.briggs@park.edu for any questions.



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curriculum for doctorate level graduate degrees in digital forensics for California Sciences Institute, taught as a guest instructor in digital forensics for the Federal Law Enforcement Training Center, acted as a California POST certified law enforcement instructor in digital forensics, participated in the New York Electronic Crimes Task Force before there were regional task forces, and currently participates in the San Francisco Electronic Crimes Task Force, both of which are run by the United States Secret Service. He has taught courses and students from government agencies including, without limit, the United States Secret Service, the National Security Agency, branches of the US Department of Defense, State police from many states, agencies that are now members of the Department of Homeland Security, and other intelligence agencies.

RESEARCH, PUBLICATIONS, EDITORIAL BOARDS, AND HONORS

Dr. Cohen has performed and continues to perform research in the areas of information protection and digital forensics, including relevant recent funded research for the Defense Advanced Research Projects Agency (DARPA). He led a research and development team at Sandia National Laboratories that developed digital forensic methods and mechanisms, participated in the development of national guidelines for digital forensic evidence, authored chapters in books and two full books on this subject, performed and continues to perform a wide variety of other activities related to this field, and has given invited keynote speeches with associated papers at several international conferences over the last several years.

He has authored more than 200 articles and other papers in the information protection and digital forensics areas, has written several books on these subjects, is a member of editorial boards of professional publications in these areas, and was honored in 2011 by the International Information Systems Security Certification Consortium (ISC)² by being named a Fellow of the (ISC)². He has also been given various awards and honors over the years, regularly attends and speaks at conferences on related matters and this area has been a focus of his career since the 1970s.

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