



News Release

Defense Advanced Research Projects Agency

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IMMEDIATE RELEASE

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DARPA PROGRAM MANAGER FINALIST FOR NATIONAL SECURITY AGENCY AWARD

Anup Ghosh, program manager in the Advanced Technology Office of the Defense Advanced Research Projects Agency (DARPA), was named one of three finalists for the National Security Agency’s Frank B. Rowlett Award for Individual Excellence in Information Assurance.

Ghosh was cited for his contributions as a key researcher in information assurance for over a decade, both in the private sector and for the Department of Defense (DoD). The award also referred to his “inspiring research leadership” and his efforts to “ensure that the U.S. military has the tools it needs to counter new, emerging cyber-threats now and in the future.”

The Frank B. Rowlett Awards recognize individual and organization one-time or long-term achievement in the improvement of national information systems security, information assurance readiness, or defensive information operations. The awards are named in honor of cryptologic pioneer Frank B. Rowlett.

Ghosh’s research over the years has focused on information assurance, including intrusion detection, malicious code analysis, mobile code security, security for wireless applications, and software vulnerability analysis.

In his current position as a program manager at DARPA, Ghosh is managing a number of programs that are developing novel approaches to solving tomorrow’s information assurance problems. One of his programs will defend against zero-day worms that target military networks like the DoD’s Global Information Grid. Another program will develop technologies that defend against malicious code attacks on tactical wireless networks such as the DoD’s Joint Tactical Radio System.

Ghosh has also written a number of e-commerce security books. He is on the editorial board of the Institute of Electrical and Electronics Engineers (IEEE) *Security and Privacy* magazine, and has served as associate editor for IEEE’s *IT Professional* magazine. He was guest editor of IEEE’s *Software* magazine’s January 2002 special issue on software security.

He is an active member in the information assurance professional community, and participates in a variety of information assurance groups, including the INFOSEC Research

Council, the Workshop on Rapid Malcode, and the Association for Computing Machinery's Conference on Computer and Communications Security. He also serves as chairman of the IEEE Computer Society of Northern Virginia.

In 2000, Ghosh was awarded an IEEE Third Millennium Medal for his outstanding contributions to e-commerce security. He received his bachelor's degree in electrical engineering from Worcester Polytechnic Institute, and his master's degree and doctorate in electrical engineering from the University of Virginia.

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