

Douglas W. Jacobson

University Professor  
Department of Electrical and Computer Engineering  
Iowa State University  
Ames, Iowa 50011-3060

## Education

Iowa State University	Computer Engineering	B.Sc., 1980
Iowa State University	Electrical Engineering	M.Sc., 1982
Iowa State University	Computer Engineering	Ph.D., 1985

## Professional Experience

2008–present	University Professor, Department of Electrical and Computer Engineering, Iowa State University
2007–2008	Professor, Department of Electrical and Computer Engineering, Iowa State University
2006–present	Director of Undergraduate Education, Department of Electrical and Computer Engineering
2000–present	Director, Information Assurance Center, Iowa State University
2000–present	Director of Graduate Education, Information Assurance Program
1989–2007	Associate Professor, Department of Electrical and Computer Engineering, Iowa State University
1986–1989	Assistant Professor, Department of Electrical and Computer Engineering, Iowa State University
1985–1986	Temporary Instructor, Department of Electrical and Computer Engineering, Iowa State University

## Publications

### Relevant

1. Doug Jacobson, James A. Davis “Computer Security Faculty Development Workshop”, 2004 FIE conference Savannah Georgia, October 20-23.
2. Doug Jacobson, “Teaching Information Warfare with a Break-in Laboratory”, Proceedings of the 2004 American Society for Engineering Education, Salt Lake City, June 2004.
3. Doug Jacobson, “Teaching Information Warfare with Lab Experiments via the Internet”, 2004 FIE conference Savannah Georgia, October 20-23.
4. Doug Jacobson, “Development of a Graduate Certificate in Information Assurance”, Proceedings of the 2004 American Society for Engineering Education, Salt Lake City, June 2004.

5. Tom Richardson, James A. Davis, and Doug Jacobson, "Developing a database of vulnerabilities to support the study of denial of service attacks", Second Annual CERT conference, September 27-29, 2000, Omaha, NE

### **Other relevant information**

Jacobson, D. W., and J. A. Davis. 2000. Network connection blocker, method, and computer readable memory for monitoring connections in a computer network and blocking the unwanted connections U.S. Patent #6,044,402.

Jacobson, D. 1996. Network security bridge and associated method. U.S. Patent #5,548,649.

### **Graduate and Postdoctoral Advisors**

Dr. Stan Burns, Iowa State University—M.S.  
Dr. Art Pohm, Iowa State University—Ph.D.

### **Graduate and Postdoctoral Scholars Advised**

Last five years: Major Professor for 20 M.S. and 4 Ph.D. students