

1. Name and Academic rank

Jeremy L. Rasmussen
Adjunct Professor

2. Degrees with fields, institution, and date

M.S. Engineering Management, University of South Florida, 1994
 B.S. Computer Science, University of South Florida, 1991

3. Years of service on this faculty, date of original appointment, and dates of rank advancement

August, 2000—Present Adjunct Professor

4. Other related experience – teaching, industrial, etc

October, 2005—Present	Staff Engineer and Staff Lead, Sypris Electronics
June, 2002— October, 2005	Principal Information Assurance Engineer, Sypris Electronics
February, 1998—June, 2002	Senior Systems Engineer, Sypris Electronics (formerly Group Technologies)
July, 1991—February, 1998	Software Engineer, Raytheon Systems Company
June, 1988—July, 1991	Engineering Intern, Honeywell Space Systems Division

5. Consulting, patents, etc.

Formed a new business to provide information security consulting services (vulnerability assessments, security policy development, and security awareness training) to U.S. government customers since 2000.

6. State(s) in which registered

None.

7. Principal publications of last five years

- J. Rasmussen, “Authentication” article in *The Handbook of Computer Networks*, to be published 2006 (Editor: H. Bidgoli).
- J. Rasmussen, “Password Security” article in *The Handbook of Computer Networks*, to be published 2006 (Editor: H. Bidgoli).
- J. Rasmussen, “Password Security” article in *The Handbook of Information Security*, 2005 (Editor: H. Bidgoli).
- J. Rasmussen, “Passwords” article in *The Encyclopedia of the Internet*, 2004 (Editor: H. Bidgoli).
- J. Rasmussen, “Systems Design” article in *The Encyclopedia of Information Technology*, 2003 (Editor: H. Bidgoli).

8. Scientific and professional societies of which a member

- Certified Information Systems Security Professional (CISSP) in the International Information Systems Security Certification Consortium (ISC)².
- Infragard (FBI-Industry security consortium).
- Information Systems Security Association (ISSA).
- Computer Security Institute (CSI).

9. Honors and awards

- Sypris Electronics Engineering Excellence Award, 2006
- Sypris Electronics Excellence Pin Award, 2005
- NSA Recognition Award, 2001
- NSA Information Assessment Methodology (IAM) Certification, 2000
- Certified Information Systems Security Professional (CISSP), 2000
- Group Technologies Engineering Achievement Award, 2000
- Raytheon Engineering Excellence Award, 1996
- Outstanding Senior Leader, University of South Florida, 1991

10. Institutional and professional service in the last five years

- Have served as a member of the USF Computer Science & Engineering Advisory Board since 2002.
- Have advised students in independent study projects, including honors thesis research, as a volunteer since 2001.
- Founded the Whitehatters Computer Security Club in August, 2005 and serve as its faculty advisor.
- Coached WCSC team in the University of California-Santa Barbara (UCSB) International Capture The Flag (iCTF), finishing 13th of 22 teams in first competition, 2005.
- Took WCSC eight-student team to Southeast Collegiate Cyber Defense Competition (SCCDC) at Kennesaw State University in March, 2006 and garnered second place honors.
- Have served as USF Engineering College Corporate Ambassador since 1999.
- Have contributed articles and information for undergraduate advising publication.
- Provided tutorial on Computer Security at the IEEE Local Computer Networks Conference, 2001.
- Reviewer for many textbook articles and other publications, such as the *Handbook of Computer Networks*.

11. Professional development activities in the last five years

- Attendance and participation at several conferences, including NSA Red Team/Blue Team Symposium, 2006; Defcon, 2005, 2004; Black Hat Briefings, 2004; INFOSEC World Conference & Expo, 2006, 2005, 2004, 2003, 2002; Tampa Bay technology Showcase, 2002; IEEE LCN, 2001, et al.
- Training in Engineering Project Management through Southern Methodist University (Instructor: Dennis Frailley), 2005
- Training in the SEI Capability Maturity Model-Integrated, extensive in-house coursework, 2005-6.

12. Courses taught this and last academic year term-by-term

Term/year	Course number	Course title	Semester hours	Class size
Fall, 2006	CIS 4930	Computer Security	3	45
Fall, 2006	ISM 4930	Information Security	3	30
Spring, 2006	ISM 4930	Information Security	3	20
Fall, 2005	CIS 4930	Computer Security	3	45
Fall, 2005	ISM 4930	Information Security	3	25
Spring, 2005	ISM 4930	Information Security	3	30
Fall, 2004	CIS 4930	Computer Security	3	40
Fall, 2004	ISM 4930	Information Security	3	30

13. Other Assigned Duties

None. Serve on USF Computer Science & Engineering Advisory Board.

14. Number of Undergraduate Students Advised Academically

None. Have overseen independent study for several student projects, including Honors theses.

15. Percentage devoted to scholarly/research activity

Estimated percentage of time devoted to scholarly and/or research activities: 10%. My major research and scholarly activities:

- Investigating penetration testing techniques.
- Novel and/or zero-day computer security exploits.
- Cryptography.
- Public Key Infrastructures (PKI).
- Government security policy and procedures.

16. If not full-time, percentage allocated to work and percentage allocated for CS program effort

- I teach one three-hour senior-level undergraduate course per semester in this department. Outside prep time (lecture preparation, paper grading, office hours with students, research, etc.) is about 6-7 hours per week. Therefore, I have about 10 hours/week allocated to the computer science program being evaluated. If I work 50 hours per week, this equates to about 20% of my working time.
- In addition, I volunteer as advisor to the computer security club, which is another 3-4 hours per week of preparation, meeting, and research time.