CURRICULUM VITAE

Alec Yasinsac

1. Professional Information

(a) Academic degrees

(1) Doctor of Philosophy, Computer Science, University of Virginia, 1996

(2) Master of Science, Computer Science, Naval Postgraduate School, 1986

(3) Bachelor of Science, Mathematics, Appalachian State University, 1979

(b) Academic Full Time Positions

(1) Professor and Dean, School of Computing, University of South Alabama, 2008-present

(2) Associate Professor of Computer Science, Florida State University, 2005-08

(3) Assistant Professor of Computer Science, Florida State University, 1999-2005

(4) Assistant Professor of Naval Science, University of Virginia, 1990-93

(c) Other Professional Positions

(1) Visiting Scholar, National Academy of Engineering, September 2006

(2) Associate Professor of Computer Science, Florida A&M University, 2006-2008

(3) Visiting Professor, Harris Corporation, Melbourne Florida, 2002

(4) Officer, United States Marine Corps, 1979-1999

(d) Professional Society Memberships

(1) Senior Member, IEEE

(2) Member, IEEE Computer Society

(3) Member, ACM

(4) Member, USACM

2. Research and Creative Activity

(a) Journal Publications.

(1) Todd R. Andel, Greg Back, and Alec Yasinsac, "Automating the Security Analysis Process of Secure Ad Hoc Routing," Simulation Modelling Practice and Theory, vol. 19, no. 9 (October 2011), pp. 2032-2049

(2) Harold Pardue, Jeff Landry, and Alec Yasinsac, “E-Voting Risk Assessment: A Threat Tree for Direct Recording Electronic Systems,” International Journal of Information Security and Privacy (IJISP), Vol. 4, Issue #3 (2011), pp. 19-35

(3) Yasinsac, A, and Pardue, H, “Voting System Risk Assessment: A Process Using Threat Trees,” *Journal of Information Systems Applied Research*, Vol. 4, Issue #1, April 2011

(4) Alec Yasinsac and Matt Bishop, “The Dynamics of Counting and Recounting Votes”, *IEEE Security and Privacy Magazine*, May-June 2008, Volume: 6, Issue: 3, pp. 22-29

(5) Todd McDonald, Yong C. Kim, and Alec Yasinsac, “Software Issues in Digital Forensics,” *ACM Operating Systems Review*, Volume 42 Issue 3, April 2008

(6) Alec Yasinsac and J. Todd McDonald, "Tamper Resistant Software Through Intent Protection", *International Journal of Network Security*, Volume 7, Number. 3, pp. 370-382, 2008

(7) Todd Andel and Alec Yasinsac, “Surveying MANET Protocol Security Analysis”, *IEEE Communications S urveys*, 4th Quarter 2007, Volume 9, No. 4, pp. 70-84

(8) Todd R. Andel, Alec Yasinsac, "On the Credibility of MANET Simulations," *Computer*, vol. 39, no. 7, pp. 48-54, July 2006

(9) Mike Burmester, Tri Le Van, and Alec Yasinsac, "Adaptive gossip protocols: Managing Redundancy and Security in Ad hoc Networks", *Journal of AdHoc Networks*, Elsevier, 4(3), pp. 504-515, 2006

(10) Alec Yasinsac and Mike Burmester, "Centers of Academic Excellence: A Case Study", IEEE Security and Privacy Magazine, Vol. 3, Issue 1, 2005, pp. 32-35

(11) Alec Yasinsac and Justin Childs, "Formal Analysis of Modern Security Protocols", *Information Sciences*, (Elsevier), Vol. 171/1-3, pp. 189-211, 2005

(12) Tysen Leckie and Alec Yasinsac, "Metadata for Anomaly Based Security Protocol Attack Detection", IEEE Transactions on Knowledge and Data Engineering, Volume 16, Number 9, September 2004, pp. 1157-68

(13) Mike Burmester and Alec Yasinsac, "Trust Infrastructures for Wireless, Mobile Networks", WSEAS Transactions on Telecommunications, Vol. 3, #1, January 2004, pp. 377-81

(14) Alec Yasinsac, Robert Erbacher, Donald G. Marks, Mark Pollitt, Peter M. Sommer, "Computer Forensics Education", *IEEE Computer Security and Privacy Magazine*, July-Aug 2003, Vol. 1, No. 4, pp. 15-23

(15) Alec Yasinsac, "An Environment for Security Protocol Intrusion Detection", *Journal of Computer Security*, Vol. 10, No. 1-2, 2002, pp. 177-88

(16) Alec Yasinsac, "Information Security Curricula in Computer Science Departments: Theory and Practice," *The George Washington University Journal of Information Security*, Volume 1, Number 2, 2002, 9 pages

(17) Alec Yasinsac and Wm. A. Wulf, "A Framework for A Cryptographic Protocol Evaluation Workbench", *The International Journal of Reliability, Quality and Safety Engineering (IJRQSE)*, Vol. 8 No. 4, December 01, 2001, pp. 373-89

(b) Symposium, Conference, and Workshop Publications

(1) Alec Yasinsac, "A Model For Managing System Insiders", accepted to the Hawaii International on Conference on System Sciences (HICSS-46), 7-10 January, 2013

(2) Todd Andel and Alec Yasinsac, "Secure Internet Voting Protocol for Overseas Military Voters", the Twentieth International Workshop on Security Protocols, April 11-13th, 2012 at Sidney Sussex College, Cambridge, UK, LNCS (in press)

(3) Alec Yasinsac, "Did Your Mailed Ballot Count: The Unrecognized Unreliability of Voting By Mail," The 9th International Conference on Politics and Information Systems, Technologies and Applications, July 19th - July 22nd, 2011

(4) Alec Yasinsac, "Comparative Risk Analysis: Using Technology to Make Military Members First Class Voters," 2nd International Conference on Society and Information Technologies, March 27-30, 2011

(5) Alec Yasinsac, "Insider Threats to Voting Systems," Workshop on Governance of Technology, Information, and Policies (GTIP), December 7, 2010

(6) J. Harold Pardue and Alec Yasinsac, "Voting System Risk Assessment Using Threat Trees," 2010 Conference on Information Systems Applied Research, Oct 28-31, 2010 (Distinguished paper)

(7) J. Harold Pardue, Alec Yasinsac, and Jeffrey P. Landry, "Towards Internet Voting Security: A Threat Tree for Risk Assessment," International Conference on Risks and Security of Internet and Systems 2010, October 10-13, 2010

(8) Mike Burmester, Prasanta Das, Martin Edwards, and Alec Yasinsac, "Multi-Domain Trust Management in Variable Threat Environments - A User-Centric Model", MILCOM 2009, October 18–21, 2009, Boston, MA USA

(9) Harold Pardue, Jeff Landry, and Alec Yasinsac, "A Risk Assessment Model for Voting Systems using Threat Trees and Monte Carlo Simulation", First International Workshop on Requirements Engineering for E-voting Systems, Atlanta, Georgia, USA Monday, August 31st, 2009

(10) Sean Peisert, Matt Bishop, and Alec Yasinsac, "Vote Selling, Voter Anonymity, and Forensic Logging of Electronic Voting Machines," *42st Hawaii International Conference on System Sciences,* January 5-8, 2009

(11) Mike Burmester, Prasanta Das, Martin Edwards, and Alec Yasinsac, "Domain Trust Management in Variable-Threat Environments Using Rollback-Access", MILCOM 2008, San Diego, California, November 17-19, 2008

(12) T. R. Andel and A. Yasinsac, "Automated Evaluation of Secure Route Discovery in MANET Protocols", in 15th International SPIN Workshop on Model Checking of Software (SPIN 2008), LNCS 5156, Springer-Verlag, 2008, pp. 26-41.

(13) Alec Yasinsac and Matt Bishop, “Of Paper Trails and Voter Receipts”, Proceedings of the *41st Hawaii International Conference on System Sciences,* January 7-10, 2008

(14) Mike Burmester, Breno DeMederios, and Alec Yasinsac, "Community-centric vanilla-rollback access, or: How I stopped worrying and learned to love my computer", *Security Protocols 13th International Workshop*, LNCS 4631, pp. 228-244, November 15, 2007

(15) Todd R. Andel and Alec Yasinsac, “Adaptive Threat Modeling for Secure Ad Hoc Routing Protocols”, *Electronic Notes in Theoretical Computer Science, 3rd International Workshop on Security and Trust Management* (STM07), September 26-27th, 2007, Dresden, Germany

(16) Todd R. Andel and Alec Yasinsac, “Automated Security Analysis of Ad Hoc Routing Protocols”, *Workshop on Foundations of Computer Security and Automated Reasoning for Security Protocol Analysis*, Wroclaw, Poland, July 8-9, 2007

(17) Alec Yasinsac and J. Todd McDonald, “Towards Working With Small Atomic Functions”, in the *Fifteenth International Workshop on Security Protocols*, Brno, Czech Republic, 18-20 April 2007, LNCS

(18) J. Todd McDonald and Alec Yasinsac, “Applications for Provably Secure Intent Protection with Bounded Input-Size Programs”, *The Second International Conference on Availability, Reliability and Security*, April 10-13, 2007 (28%)

(19) Todd R. Andel and Alec Yasinsac, “Invisible Node Revisited”, IEEE Southeast Conference 2007 (SoutheastCon 2007), March 22-25, 2007, pp. 686-691.

(20) J. Todd McDonald and Alec Yasinsac, "Program Intent Protection Using Circuit Encryption", *8th International Symposium on System and Information Security*, Sao Jose dos Campos, Sao Paulo, Brazil, November 8-10, 2006 (29%, 40/140)

(21) Alec Yasinsac, "Non-Boolean Authentication", *2nd International Semantic Web Policy Workshop*, Athens, Georgia, USA, Nov 6-9, 2006

(22) Todd R. Andel and Alec Yasinsac, "Wireless Protocol Security; to Simulate or not Simulate", *Symposium on Simulation Software and Security*, Von Braun Center, Huntsville, Alabama, April 2-6, 2006

(23) Alec Yasinsac and J. Todd McDonald, "Security-Aware Coding", *39th Annual Hawaii International Conference On System Sciences, Mini-track on Information Security Education and Foundational Research*, Jan. 4-7, 2006

(24) Tina Suen and Alec Yasinsac, "Peer Identification in Wireless Sensor Networks Using Signal Properties", Proceedings of the *2005 IEEE Workshop on Wireless and Sensor Network Security*, Nov. 7-10, 2005, Washington DC

(25) Alec Yasinsac and J. Todd McDonald, "Of Unicorns and Random Programs", *The Third IASTED International Conference on Communications and Computer Networks*, (CCN 2005), October 24-26, 2005, Marina del Rey, CA, USA

(26) J. Todd McDonald and Alec Yasinsac, "Application Security Models for Mobile Agent Systems", 1st International Workshop on Security and Trust Management, Milan, Italy, 15 September 2005, and *Electronic Notes in Theoretical Computer Science*, Volume 157, Issue 3, Pages 1-158 (25 May 2006), edited by S. Mauw, V. Issarny and C. Cremers, 25% acceptance (9/36)

(27) Willard Thompson, Alec Yasinsac, and Todd McDonald, "Semantic Encryption Transformation Scheme", *Proceedings of the 2004 International Workshop on Security in Parallel and Distributed System*s, San Francisco, CA, Sept. 15-17, 2004, pp. 516-21

(28) Todd McDonald, Alec Yasinsac, and Willard Thompson, "Mobile Agent Data Integrity Using Multi-agent Architecture", *Proceedings of the 2004 International Workshop on Security in Parallel and Distributed System*s, San Francisco, CA, September 15-17, 2004, pp. 536-42

(29) Mike Burmester, Tri Le Van, and Alec Yasinsac, "Weathering the Storm: Managing Redundancy and Security in Ad hoc Networks ", *3rd International Conference on AD-HOC Networks & Wireless*, July 20-22, 2004, LNCS 3158, Springer, pp. 96-107, 20% acceptance (30/150)

(30) Prabha Ramachandran and Alec Yasinsac, "Limitations of On Demand Secure Routing Protocols", *IEEE Information Assurance Workshop 2004*, June 10-11, 2004, pp. 52-59

(31) D. J. Scott and Alec Yasinsac, "Dynamic Probabilistic Rebroadcast in Ad hoc Networks", Proceedings of the *International Conference on Wireless Networks*, June 21-4, 2004, pp. 158-64

(32) Mike Burmester and Alec Yasinsac, "Modeling Trust in Ad hoc Networks", *6th WSEAS International Conference on Telecommunications and Informatics*, May 12-15, 2004

(33) Michael Burmester, Yvo Desmedt, Rebecca Wright, and Alec Yasinsac, "Accountable Privacy", *Security Protocols, 12th International Workshop*, Cambridge, UK, April 26-28, 2004, LNCS 3957, pp. 82-105

(34) Yanet Manzano and Alec Yasinsac, "Honeytraps, a Valuable Tool To Provide Effective Countermeasures for Crime Against Computer and Network Systems", *Proceedings of the 7th World Multi-conference on Systemics, Cybernetics and Informatics* (SCI), July 30, 2003, 6 pages

(35) Alec Yasinsac, "Rate of Change in Ad Hoc Networks", *Proceedings of the Information Resources Management Association International Conference*, pp. 698-701, May 18-21, 2003, Philadelphia, PA

(36) John Marshall, Vikram Thakur, and Alec Yasinsac, "Identifying Flaws in the Secure Routing Protocol", *Proceedings of The 22nd International Performance, Computing, and Communications Conference* (IPCCC 2003) April 9-11, 2003, pp. 167-174

(37) Mike Burmester and Alec Yasinsac, "Protocols for a Dynamic Key Exchange System for Ad Hoc Networks", *Eleventh International Workshop on Security Protocols*, Cambridge, UK, Apr. 2-4, 2003, Springer, LNCS 3364, pp. 274-87

(38) Stephen Carter and Alec Yasinsac, "Secure Position Aided Ad hoc Routing Protocol", Proceedings of the *IASTED International Conference on Communications and Computer Networks (CCN02)*, pp. 329-334, Nov. 4-6, 2002.

(39) Alec Yasinsac, Vikram Thakur, Stephen Carter, and Ilkay Cubukcu, "A Family of Protocols for Group Key Generation in Ad Hoc Networks," Proceedings of the *IASTED International Conference on Communications and Computer Networks (CCN02)*, pp. 183-187, Nov.4-6, 2002

(40) Michael Burmester, Yvo Desmedt, Rebecca Wright, and Alec Yasinsac, "Security or Privacy, Must We Choose?" *Symposium on Critical Infrastructure Protection and the Law*, Computer Science and Telecommunication Board, October, 2002, 8 pages

(41) Alec Yasinsac and Yanet Manzano, "Honeytraps, A Network Forensic Tool", Proceedings of the 6th World Multi-conference on Systemics, Cybernetics, and Informatics (SCI 02), July 15-19, 2002, pp. 600-05

(42) Alec Yasinsac and James A. Davis, "Modeling Protocols for Secure Group Communication in Ad Hoc Networks", 10th International Workshop, Cambridge, UK, April 17-19, 2002, Revised Papers Series: LNCS 2845, Christianson, B.; Crispo, B.; Malcolm, J.A.; Roe, M. (Eds.), 2004, VIII, 243, pp. 189-202, ISBN: 3-540-20830-5

(43) Ladislav Kohout, Alec Yasinsac, and Ernest McDuffie, "Activity Profiles for Intrusion Detection", *North American Fuzzy Information Processing Society-Fuzzy Logic and the Internet* (NAFIPS-FLINT 2002), New Orleans, LA, pp. 463-468, June 27-29, 2002

(44) Alec Yasinsac, Marion Bogdonav, and Jennifer Frazier, "Building An Information Security Laboratory", *6th IEEE National Colloquium for Information Systems Security Education, Government, Industry, and Academia*, June 4, 2002, 8 pages

(45) Justin Childs and Alec Yasinsac, "Analyzing Internet Security Protocols", The Sixth IEEE International Symposium on High Assurance Systems Engineering, pp 149-59, Boca Raton, FL, Oct 24-26, 2001

(46) Yanet Manzano and Alec Yasinsac, "Policies to Enhance Computer and Network Forensics", *The 2nd Annual IEEE Systems, Man, and Cybernetics Information Assurance Workshop*, United States Military Academy, June 2001, pp. 289-95

(47) Alec Yasinsac, "Detecting Intrusions in Security Protocols", *ACM Workshop on Intrusion Detection*, 7th ACM Conference on Computer and Communication Security, Nov 2000, 10 pages

(48) Alec Yasinsac, "Dynamic Analysis of Security Protocols", *Proceedings of the New Security Paradigms 2000 Workshop*, Sept 18-21, Ballycotton, Ireland, pp. 77-87, acceptance 42% (15/35)

(49) Alec Yasinsac and Wm. A. Wulf, "A Framework for A Cryptographic Protocol Evaluation Workbench", *Proceedings of the Fourth IEEE International High Assurance Systems Engineering Symposium* (HASE99), Washington D.C., Nov. 1999, pp. 197-205

(50) Alec Yasinsac and Wm. A. Wulf, "Evaluating Cryptographic Protocols", *4th Cambridge International Workshop on Cryptographic Protocols*, March 1996

(51) Wm. A. Wulf, Alec Yasinsac, Katie S. Oliver, and Ramesh Peri, "A Technique for Remote Authentication ", *Proceedings of the Internet Society Symposium on Network and Distributed System Security*, February 2-4, 1994, San Diego, Ca., pp. 159-164.

(c) Books and Guest Editor

(1) Alec Yasinsac and Michael Shamos, Guest Editors, "E-Voting Security", IEEE Security and Privacy Magazine, Vol. 10, No. 5, Sept/Oct. 2012

(2) M. Burmester and A. Yasinsac (Editors), *Mobile and AD hoc Networks and Sensors Security* (MADNES 2005), Lecture Notes in Computer Science, **LNCS** 4074, Springer-Verlag, Berlin Heidelberg, 2006

(d) Book Chapters

(1) Alec Yasinsac, "Identification: Remote Attestation", Chapter 11 in Wireless Sensor Network Security, Cryptology & Information Security Series (CIS), IOS Press, November, 2007, ISBN: 978-1-58603-813-7

(2) Alec Yasinsac, "Rate of Change in Ad Hoc Networks", in Commerce and M-Commerce Technologies, Chapter # 8, pp. 166-183, edited by Dr. Candace Deans, July 2004, Idea Group Inc. Publishers, ISBN 1-59140-566-1

(e) Theses

(1) Alec Yasinsac, "A Formal Semantics for Evaluating Cryptographic Protocols", Ph.D. Dissertation, University of Virginia, January 1996

(2) Alec Yasinsac and Robert Hartman, "JANUS/ADA Implementation of a Star Cluster Network of Personal Computers with Interface to an Ethernet LAN Allowing Access to DDN Resources", Master's Thesis, Naval Postgraduate School, Monterey, California, June 1986

(f) Abstracts, Reports, Posters, and Position Papers

(1) Alec Yasinsac, "Precision In Elections: Extracting a Precise Result from an Imprecise Process," the International Journal of Critical Infrastructure Protection, Elsevier, October 2012, http://dx.doi.org/10.1016/j.ijcip.2012.09.002

(2) Alec Yasinsac and Michael Shamos, Guest Editors Introduction, "The Realities of Evoting Security", IEEE Security and Privacy Magazine, Vol. 10, No. 5, Sept/Oct. 2012

(3) Alec Yasinsac, Poster Presentation, " Insider-Free Systems", Seventh Cyber Security and Information Intelligence Research Workshop (CSIIRW7), Oak Ridge National Laboratory, September 2, 2011

(4) Alec Yasinsac, "Insider Threats to Voting Systems," Dagstuhl Seminar Proceedings 10341: Insider Threats: Strategies for Prevention, Mitigation, and Response, January 4, 2011

(5) Alec Yasinsac, "The Military's Obligation to Military Voters: A Position Paper for the NIST 2010 UOCAVA Remote Voting Systems Workshop", Workshop on UOCAVA Remote Voting Systems, Washington, DC, August 6-7, 2010, http://www.nist.gov/itl/csd/ct/uocava_workshop_aug2010.cfm

(6) Richard Benham, Alec Yasinsac, and Jeremy Epstein, "Limited Proxy Voting as an Alternative to use of Complex Systems for UOCAVA voters", Workshop on UOCAVA Remote Voting Systems, Washington, DC, August 6-7, 2010, http://www.nist.gov/itl/csd/ct/uocava_workshop_aug2010.cfm

(7) Alec Yasinsac, Robert B. Sweeney, Ph.D., J. Harold Pardue, Ph.D., Jeffrey P. Landry, Ph.D., LisaAnn Z. Benham, Richard M. Benham, Jeremy J. Epstein, Paul Lux, E. John Sebes, and Ion Sancho, "Elections Operations Assessment," U. S. Election Assistance Commission, February 8, 2010, http://www.hp.isc.usouthal.edu/EAC/EOA_Threat_Trees_and_Matrices_and_TIRA_EAC_Boards_Review_Draft_Rev_1.pdf

(8) Michael Black and Alec Yasinsac, "Embedded Forensic Information", ARO Workshop on Digital Forensics, Washington D.C., Sept. 10-11, 2009

(9) Michael Clarkson, Brian Hay, Meador Inge, abhi shelat, David Wagner, and Alec Yasinsac "Software Review and Security Analysis of Scytl Remote Voting Software," September 19, 2008, https://doe.dos.state.fl.us/voting-systems/pdf/FinalReportSept19.pdf

(10) Ryan Gardner, Tadayoshi Kohno, and Alec Yasinsac, “Attacking theDiebold Signature Variant – RSA Signatures with Unverified High-order Padding”, Tech Report, www.cs.jhu.edu/~ryan/diebold_rsa_signature/gky_rsa_signature.pdf

(11) Kristine Amari, Ryan Gardner, Brian Hay, John Kerski, Kara L. Nance, and Alec Yasinsac, “Software Review and Security Analysis of the Diebold Voting Machine Software, Premier TSx Version 4.7.1 Supplement”, Security and Assurance in Information Technology Laboratory, Florida State University, December 19, 2007, for the Florida Department of State

(12) Alec Yasinsac, John Kerski, David Gainey, Michael Gerke, Kristine Amari, and Donald Newell, “Software Review and Security Analysis of the Diebold Voting Machine Software”, TSX Supplement, For the Florida Department of State, September 28, 2007

(13) Alec Yasinsac, Breno de Medeiros, David Gainey, John Kerski, Zachary Hartley, Ryan Walega, and Michael Gerke, “Software and Security Review for Elections Systems and Software iVotronic Firmware Versions 9.1.8.0 and 9.2.0.0”, Final Report, For the Florida Department of State, August 14, 2007, http://election.dos.state.fl.us/pdf/SAITreport8-14-07.pdf

(14) David Gainey, Michael Gerke, and Alec Yasinsac, “Software Review and Security Analysis of the Diebold Voting Machine Software”, Supplemental Report, For the Florida Department of State, August 10, 2007, http://election.dos.state.fl.us/pdf/DieboldSupplementalReportFinalSubmission.pdf

(15) Ryan Gardner, Alec Yasinsac, Matt Bishop, Tadayoshi, Kohno, Zachary Hartley, John Kerski, David Gainey, Ryan Walega, Evan Hollander, and Michael Gerke, “Software Review and Security Analysis of the Diebold Voting Machine Software”, Final Report

For the Florida Department of State, July 27, 2007, http://election.dos.state.fl.us/pdf/SAITreport.pdf

(16) A. Yasinsac, D. Wagner, M. Bishop, T. Baker, B. de Medeiros, G. Tyson, M. Shamos, and M. Burmester, “Software Review and Security Analysis of the ES&S iVotronic 8.0.1.2 Voting Machine Firmware, Final Report”, Security and Assurance in Information Technology Laboratory, Florida State University, February 23, 2007, http://election.dos.state.fl.us/reports/pdf/FinalAudRepSAIT.pdf.

(17) J. McDonald, Alec Yasinsac, W. Thompson "Trust in Mobile Agent Systems" FSU CS Department, March 30,2005, Technical Report, TR-050330, 26 pages

(18) J. McDonald, Alec Yasinsac, W. Thompson "A Survey of Mobile Agent Security" FSU CS Department, March 30,2005, Technical Report, TR-050329, 97 pages

(19) Tina Suen and Alec Yasinsac, "Ad hoc Network Security: Peer Identification and Authentication Using Signal Properties", The 6th IEEE SMC Information Assurance Workshop, West Point, NY, June 15-17, 2005 (Poster presentation)

(20) Willard Thompson, Alec Yasinsac, and Todd MacDonald, "A Software Tamper Resistant Mechanism Using Runtime Pathway Mappings", FSU CS Department, October 2004, Technical Report, TR-041021, 12 pages.

(21) Alec Yasinsac, Edwin A. Melendez, and Sachin Goregaoker, “Implementing an Object Oriented, Knowledge Based Network Reference Monitor and Intrusion Detection System”, FSU CS Department Technical Report TR-030801, August 29, 2003, 21 pages

(22) Kristin Burke and Alec Yasinsac, "Ramifications of E911", FSU CS Department Technical Report TR-030404, May 5, 2003,14 pages

(23) Alec Yasinsac and James A. Davis, "Modeling Protocols for Secure Group Communication in AdHoc Networks", FSU CS Department Technical Report TR-020302, March 26, 2002, 9 pages

(24) Alec Yasinsac and Sachin Goregaoker, "An Intrusion Detection System for Security Protocol Traffic", FSU CS Department Technical Report TR020301, March 5, 2002, 21 pages

(25) Alec Yasinsac and Michael P. Runy, "The Weakest Procondition Protocol Analysis Environment", FSU Computer Science Technical Report #TR010601, 7 pages

(26) Lois Hawkes, Alec Yasinsac, and C. Cline, "An Application of Visual Cryptography to Financial Documents", FSU Computer Science Technical Report #TR001001, 7 pages

(27) Alec Yasinsac, "Active Defense of Secure Network Services", Technical Report TR--000101, Department of Computer Science, FSU, Jan 2000, 12 pages

(28) Wm. A. Wulf, Alec Yasinsac, Katie Oliver, and Ramesh Peri , "A Technique for Remote Authentication", University of Virginia, Technical Report # CS-93-37, July 1, 1993, 6 pages

(29) Alec Yasinsac and Wm. A. Wulf, "A Formal Semantics for Evaluating Cryptographic Protocols", University of Virginia, Technical Report # CS-93-53, September 29, 1993, 20 pages

(30) Alec Yasinsac and Wm. A. Wulf, "Evaluating Cryptographic Protocols", University of Virginia, Technical Report # CS-93-66, December 22, 1993, 19 pages

(g) Invited talks

(1) “Insiders and Insider Threats”, Keynote Lecture, “The 9th International Conference on Politics and Information Systems, Technologies and Applications, July 19-22, 2011

(2) “Internet Voting, Facts and Fiction,” Plenary Keynote, The 2nd International Conference on Society and Information Technologies”, March 27-30, 2011

(3) "Digital Investigations," University of Louisville Information Security Seminar, March 31, 2010

(4) "Voting System Risk Analysis", Nat’l Association of State Election Directors (NASED). 2009 Summer Meeting, San Diego, CA, August 14-16, 2009

(5) "Risk in Voting Systems," International Association of Clerks, Recorders, Election Officials and Treasurers (IACREOT), July 7-11, 2009, Spokane, Washington

(6) "Considering Risk in Overseas Voting Systems", National Institute on Standards and Technology (NIST) meeting on UOCAVA Voting System Objectives, June 29-30, 2009, Gaithersburg, MD

(7) "No Status Quo for Military and Overseas Voters", Overseas Vote Foundation 2009 Third Annual UOCAVA Summit, February 5, 2009

(8) "Insider-free Computing," Dagstuhl Seminar Proceedings 08302 "Countering Insider Threats", July 2008

(9) “Application Security”, Florida Department of Juvenile Justice, October 26, 2007

(10) "The SAIT Diebold Report", The Election Verification Network, August 23, 2007, Middletown, CT

(11) “Application Security”, Florida Government Technology Conference, September 11, 2007, Tallahassee, Florida

(12) “Security in Voting Systems: Removable Media and Secure Software”, National Association of State Elections Directors, August 11, 2007, New Orleans, La.

(13) “Modern Encryption”, NSF HBCU-UP TALENT-21 Program, North Carolina Agriculture and Mechanical University, Greensboro, NC, June 8, 2007

(14) “SCADA Systems and Information Security”, Florida Department of Environmental Protection, Annual Meeting, Tampa, Florida, May 30-31, 2007

(15) “Information Security Education and Training”, Florida Information Technology Executive Council Annual Conference, Ponte Vedra Beach, Florida, Oct. 23-24, 2006

(16) “Software Security”, Center for Computer Security Research Lecture Series, Mississippi State University, October 10, 2006

(17) “Non-Boolean Authentication”, NSA Computer and Network Defense Research and Technology Workshop on Automated Response”, National Business Park, Annapolis Junction, Maryland, May 9, 2006

(18) “Non-Boolean Authentication”, Cyber Security and Information Infrastructure Research Workshop (CSIIR-06), Oak Ridge National Laboratory, Oak Ridge, Tn, May 10, 2006

(19) “Securing Ubiquitous Computing at FSU”, Cyber Security and Information Infrastructure Research Workshop (CSIIR-06), Oak Ridge National Laboratory, Oak Ridge, Tennessee, May 10, 2006

(20) "Security Aware Software", Troy University, Computer Science Colloquium on Information Technology, Rosa Parks Library and Museum Auditorium, Montgomery, Alabama, February 7, 2006

(21) "IT Integrity", 20th International Forum on CoCoMo Software Cost Modeling, University of Southern California, October 26, 2005

(22) "Security Aware Software", Tallahassee Technology Alliance, Tallahassee Florida, Sept 30, 2005, http://www.taltech.org

(23) Keynote Address, "The Changing Face of Information Security", The Northwest Regional Data Center Conference 2003, Tallahassee, FL., October 9, 2003

(24) "Wireless Network Security", Summer School on Information Security, SAIT Laboratory, Florida State University, May 23, 2003

(25) "The CPAL-ES Protocol Development Environment", The Security Seminar, Purdue University, April 11, 2001

(26) "Security Protocols, Research and Practice", Information Assurance Day, Harris Corporation, Melbourne, Florida, April 19, 2001

(27) "Information Security: Research, Education, and Practice", FSU Connect 2001 Kickoff, College of Arts and Sciences, Tallahassee, FL, Sept 24, 2001

(28) Guest Lecture, "Modern Cryptography", COT 3502, FSU CS Department, 2/7/2002

(29) Guest Lecture, "Cryptography: Ethical and Legal Issues", COT 3502, FSU CS Department, February 13, 2002

(h) Testimony and Statements Before Government Proceedings

(1) Alec Yasinsac, Testimony before the U. S. Elections Assistance Commission, "Elections Operations Assessment," March 11, 2010

(2) Alec Yasinsac, written testimony the U.S. House of Representatives, Committee of House Administration, Voting Subcommittee hearing on "Military and Overseas voting, Problems and potential solutions", May 21, 2009, http://cha.house.gov/view_hearing.aspx?r=50

(3) Alec Yasinsac, Testimony before the U.S. Elections Assistance Commission Interdisciplinary Roundtable Discussion of TGDC Proposed Voluntary Voting System Guidelines, May 5, 2008

(4) Alec Yasinsac, Written testimony to the U.S. Elections Assistance Commission Interdisciplinary Roundtable Discussion of TGDC Proposed Voluntary Voting System Guidelines, May 5, 2008, http://www.eac.gov/News/docs/testimony_alec_yasinsac_fsu/attachment_download/file

(5) Alec Yasinsac, Testimony before the U.S. Elections Assistance Commission Roundtable Discussion of Proposed Voluntary Voting System Guidelines, Austin, Texas, December 11, 2007

(6) "Software Independence", Alec Yasinsac, Written testimony to the U.S. Elections Assistance Commission Roundtable Discussion of Proposed Voluntary Voting System Guidelines, Austin, Texas, December 11, 2007, http://www.eac.gov/News/docs/2007-meetings-and-hearings-12-11-07-meeting-softwareindependence-yasinsac.pdf/attachment_download/file

(7) "Open Ended Vulnerability Testing", Alec Yasinsac, Written testimony to the U.S. Elections Assistance Commission Roundtable Discussion of Proposed Voluntary Voting System Guidelines, Austin, Texas, December 11, 2007, http://www.eac.gov/News/docs/2007-meetings-and-hearings-12-11-07-meeting-oevt-yasinsac.pdf/attachment_download/file

(8) Alec Yasinsac, "Voter Intent," Comments on Florida preliminary draft rule 1S-2.027 for discussion at the workshop on November 29, 2007, November 28, 2007

(9) Alec Yasinsac, "Comments on Rule #1S-2.004. Procurement, Use and Assessment of Voting Systems," Testimony before the Florida Department of State, Rules Meeting regarding Voting System Certification, June 10, 2006. http://election.dos.state.fl.us/laws/proposedrules/pdf/partA_pubCom_r1s_2_004_2_015.pdf (pages 21-24)

(i) Funding

(1) National Science Foundation, Scholarship For Service (subcontract from Mississippi State University), July 2010, $287,000

(2) Department of Defense, "Information Assurance Scholarship Program", July 2009, $113,000, PI

(3) U. S. Elections Assistance Commission, "Voting System Risk Assessment," $989,000, Sept. 2008-December 2009, PI

(4) Department of Defense, "Information Assurance Scholarship Program", July 2007, $197,000, PI

(5) Florida Department of State, Software Review and Security Analysis for Diebold Voting Machine Firmware", $100,000, May 2007-Sepember 2007, PI

(6) Florida Department of State, Software Review and Security Analysis for ES&S iVotronic Voting Machine Firmware", $147,000, Dec. 2006-Jun. 2007, PI

(7) Department of Defense, "Information Assurance Scholarship Program", July 2006, $150,000, Co-PI

(8) Department of Defense, "Information Assurance Scholarship Program", July 2005, $221,275, Co-PI

(9) Department of Defense, "Information Assurance Scholarship Program, Research Stipend", July 2005, $45,000, Co-PI

(10) Army Research Office, "Mobile Agent Security", Jul 2004-Jun 2006, $320,000, PI

(11) Department of Defense, "Information Assurance Scholarship Program", July 2004, $172,000, Co-PI

(12) Army Research Office, "Security Education at Edward Waters College", August, 2004, $15,000, Co-PI

(13) National Institute of Justice, "The Design and Development of the Predator and Prey Alert (PAPA) System", Jul 2004-Jun 2005, $280,998, Co-PI

(14) Army Research Office, "Workshop on Mobile Agent Security", Sept 2005, PI, $11,000

(15) National Science Foundation, PI, "Collaborative Project: Expanding Information Assurance Education", Sep 2003-Aug 2005, $185,405, PI

(16) Department of Defense, "Information Assurance Scholarships Program", Sep 2003-Aug 2004, $258,000, Co-PI

(17) Army Research Office, "Secure Tactical Mobile Intelligent Agents", July 2002-June 2003, $198,240, Co-PI

(18) Mainline Information Systems, $5,000, May 15, 2003

(19) Datamaxx Corporation, $100,000, April 2003

(20) Harris Corporation, $50,000, April 2003 (In kind gift, software)

(21) Cisco Corporation, $64,000, April 2003 (In kind gift, hardware)

(22) National Science Foundation, "Supplement to Cyber Training and Education at Florida State University", Jan 2002-Dec 2006, $86,000, Co-PI

(23) National Science Foundation, "Cyber Training and Education at Florida State University", Jan 2002-Dec 2006, $1.3M,Co-PI

(24) Private donation, Edward Tunstall, $750,000, May 2002 (estate gift)

(25) FSU Faculty Travel Grant, Dec 2002, $600

(26) Department of Defense, "Information Assurance Scholarships Program", Aug 2002-Apr 2003, $155,040, Co-PI

(27) Department of Defense, "Information Assurance Scholarships Program", Aug 2002-Apr 2003, $100,845, Co-PI

(28) FSU Faculty Travel Grant, May 2002, $600

(29) FSU First Year Assistant Professor Award, Summer 2000, $10,000

(j) Other Proposals.

(1) NSA Centers of Excellence, Re-certification approved April 2006.

(2) NSA Information Assurance Course Evaluation Program. Re-certification approved April 2006.

(3) NSA Centers of Excellence, Re-certification approved April 2003.

(4) NSA Information Assurance Course Evaluation Program. Re-certification approved April 2003.

(5) NSA Centers of Excellence, Certification approved April 2000.

(6) NSA Information Assurance Course Evaluation Program. Certification approved April 2000

3. Teaching and Mentoring

(a) Courses

(1) Spring 08, CIS 5370, Computer Security (12)

(2) Spring 08, CIS 5035, Software Engineering (18)

(3) Spring 07, CIS 8976, Master's Thesis Defense (2)

(4) Spring 08, CIS 5970, Thesis (2)

(5) Fall 07, CIS 4360, Computer Security (27)

(6) Fall 07, Small Research and Thesis Sections (8)

(7) Fall 07, CIS 6980, Dissertation (1)

(8) Spring 07, CEN 5035, Software Engineering (20)

(9) Spring 07, CIS 5370, Computer Security (19)

(10) Spring 07, CIS 5970, Thesis (1)
(11) Spring 07, CIS 6935, Securing Distributed Systems (3)
(12) Spring 07, CIS 6980, Dissertation (2)
(13) Spring 07, CIS 8976, Masters Thesis Defense (1)
(14) Spring 06, CEN 5035, Software Engineering (20)
(15) Spring 06, CIS 5370, Computer Security (19)
(16) Spring 06, CIS 3931, Introduction to Information Security (8)
(17) Spring 06, CIS 5970, Thesis (2)
(18) Spring 06, CIS 6935, Securing Distributed Systems (5)
(19) Spring 06, CIS 6980, Dissertation (2)
(20) Spring 06, CIS 8976, Masters Thesis Defense (1)
(21) Fall 05, CIS 6930, Wireless Network Security (15)
(22) Fall 05, CIS 4930, Wireless Security (20)
(23) Fall 05, CIS 6935, Mobile Agent Security (5)
(24) Fall 05, CIS 8976, Masters Thesis Defense (1)
(25) Fall 05, CIS 6980, Dissertation (1)
(26) Spring 05, CIS 4933, Honors Work in Computer Science, (1)
(27) Spring 05, CIS 5970, Thesis, (2)
(28) Spring 05, CIS 6900, Security Research (2)
(29) Spring 05, CIS 6935, Wireless and Mobility Issues (2)
(30) Spring 05, CIS 6980, Dissertation (1)
(31) Spring 05, CIS 8976, Masters Thesis Defense (1)
(32) Spring 05, CEN 5035, Software Engineering, (25)
(33) Fall 04, CIS 6930, Secure Wireless Networks (10)
(34) Fall 04, CIS 4933, Honors Work in Computer Science (1)
(35) Fall 04, CIS 6935, Advanced Seminar in Network Systems (1)
(36) Fall 04, CIS 8962, PhD Qualifying Exam (2)
(37) Fall 04, CIS 6900, Security Research (2)
(38) Spring 04, CIS 4362, Network Security and Cryptography (24)
(39) Spring 04, CIS 5970, Thesis (1)
(40) Fall 03, CIS 5357, Network Security, Active and Passive Defense (25)
(41) Fall 03, CIS 4930, Applied Security (10)
(42) Fall 03, CIS 6935, Information Security Seminar (4)
(43) Fall 03, CIS 5970, Thesis (2)
(44) Fall 03, CIS 4933, Honors Work (1)
(45) Fall 03, CIS 5940, Supervised Teaching (1)
(46) Spring 03, CEN 5452, Network Security, Active and Passive Defense (23)
(47) Spring 03, CEN 4452, Network Security and Cryptography (12)
(48) Spring 03, CIS 6935, Information Security Seminar (7)

(49) Spring 03, CIS 8966, Masters Comprehensive Exam (2)
(50) Spring 03, CIS 5970, Thesis (4)
(51) Spring 03, Supervised Research (1)
(52) Spring 03: CIS 4933, Honors Work (1)
(53) Spring 03, CIS 5940, Supervised Teaching (1)
(54) Fall 02, COP 3502, Introduction to Computer Science (49)
(55) Fall 02, CIS 6935, Information Security Seminar (6)
(56) Fall 02: CIS 8966, Masters Comprehensive Exam (2)
(57) Fall 02: CIS 5970, Thesis (6)
(58) Summer 02, CIS 6930, Wireless Network Security (9)
(59) Summer 02, CIS 6935, Information Security Seminar (6)
(60) Spring 02: CEN 4542, Network Security and Cryptography (15)
(61) Spring 02: CGS 5892, Network Security, Active and Passive Defenses (25)
(62) Spring 02: CIS 5970, Thesis (3)
(63) Spring 02: CIS 5915, Graduate Software Project (2)
(64) Spring 02: CIS 5900, Directed Study in Network Security (3)
(65) Spring 02: CIS 8966, Masters Comprehensive Exam (1)
(66) Spring 02: CIS 8976, Masters Comprehensive Exam (1)
(67) Fall 01, CEN 5035 Software Engineering (34)
(68) Fall 01, CIS 5915, Software Project (6)
(69) Fall 01, CIS 5970, Thesis, FSU, (2)
(70) Fall 01, CIS 8966, Masters Comprehensive Exam (1)
(71) Fall 01, CIS 5900, System Security Analysis (1)
(72) Summer 01: CIS 5900, Directed Study in Security Protocols (1)
(73) Summer 01: CIS 5910, Supervised Research (1)
(74) Summer 01: CIS 5915, Graduate Software Project (6)
(75) Summer 01: CIS 8966, Masters Comprehensive Exam (2)
(76) Spring 01: CEN 4542, Network Security and Cryptography (17)
(77) Spring 01: CGS 5892, Network Security, Active and Passive Defenses (5)
(78) Spring 01: CIS 5915, Graduate Software Project (4)
(79) Spring 01: CIS 5900, Directed Study in Network Security (1)
(80) Spring 01: CIS 5900, Directed Study in Security Protocols (1)
(81) Fall 00: CEN 5035, Software Engineering (25)
(82) Fall 00: CIS 5900, Directed Study in Network Security (1)
(83) Fall 00: CIS 4900, Directed Study in Computer & Network Forensics (1)
(84) Spring 00: CIS 4930/5930, Network Security and Formal Methods (37)
(85) Spring 00: CIS 4933, Honors in Computer Science (1)
(86) Spring 00: CIS 5915, Graduate Software Project (1)
(87) Spring 00: CIS 8976, Masters Comprehensive Exam (1)

(88) Spring 00: CIS 8966, Masters Comprehensive Exam (1)

(89) Spring 00: CIS 5970, Thesis (1)

(90) Fall 99: CEN 5035, Software Engineering (8)

(91) Fall 99: CIS 4933, Honors Work in Computer Science (1)

(92) Fall 99: CIS 5900, Directed Study in Network Security (1)

(93) Fall 99: CIS 5900, Directed Study in Security Protocols (1)

(94) Fall 99: CIS 5915, Graduate Software Project (1)

(95) Fall 99: CIS 5970, Thesis (1)

(b) Dissertations Directed

(1) Todd Andel, Formal Security Evaluation of Ad Hoc Routing Protocols, FSU Doctoral Dissertation, November 2007

(2) Jeffrey T. MacDonald, "Enhanced Security for Mobile Agent Systems", FSU Doctoral Dissertation, October 2006

(c) Dissertation Committee Memberships

(1) Jiangyi Hu, "Trust Management in Mobile Wireless Networks: Security and Servivability", FSU Doctoral Dissertation, April 2007

(d) Masters Committee Chairpersonships

(1) John Kerski, "Electronic Voting: Trusted Removable Media and its Contents", FSU CS Masters Thesis, May 2008

(2) Louis Brooks, "Botnets, A Threat to National Security. (An Examination of Bots, Botnets, and the Threats They Post to National Security)", FSU CS Masters Thesis, May 2008

(3) Evan Hollander, "E-voting Software Security Review Methodologies", FSU CS Masters Project, May 2008

(4) Tina Suen, "Geographic Ad Hoc Routing With Anonymous Properties", FSU CS Masters Thesis, April 2007

(5) D.J. Scott, "Reliability and Security in Mobile Ad Hoc Networks", FSU CS Masters Thesis, May 2006

(6) Ilkay Cubuku, "Formally Evaluating Wireless Security Protocols", FSU CS Technical Report #050730, May 2005

(7) Khandys Polite, "PPDA: Privacy Preserving Data Aggregation in Wireless Sensor Networks", FSU CS Technical Report #040502, May 2004

(8) Anna Suen, "Mobile Agent Protection with Data Encapsulation and Execution Tracing", FSU CS Technical Report #030402, May 2003

(9) Kristin Burke, "Group Key Generation in Wireless Ad Hoc Networks Using a Subgroup Method", FSU CS Technical Report #030403, May 2003

(10) John Marshall, "An analysis of the secure routing protocol for mobile adhoc network route discovery : Using intuitive reasoning and formal verification to identify flaws", FSU CS Technical Report #030502, May 2003

(11) Stephen Carter, "Secure Position-Aided AdHoc Routing", FSU CS Technical Report #021202, December 2002

(12) Tysen Leckie, “Anomaly-based Security Protocol Attack Detection”, FSU CS Technical Report #021203, December 2002

(13) Jenny Frazier, “Creating a Security Laboratory Environment for Education, Research and Outreach”, FSU CS Technical Report #020403, April 2002

(14) Shanmuga Ramaswamy, “Analysis of SET Protocol in CPAL-ES”, FSU CS Technical Report #020602 April 2002

(15) Nikhil Patel, “Knowledge Base for Intrusion Detection System”, FSU CS Technical Report #011203, December 2001

(16) Marion Bogdanov, “An Approach to Developing an Information Assurance Environment”, FSU CS Technical Report #011202, December 2001

(17) Edwin Melendez, “The Monitor and the Prinipals”, FSU CS Technical Report #010701, July 2001

(18) Sachin Goregaoker, “A Method For Detecting Intrusions on Encrypted Traffic”, FSU CS Technical Report #010703, July 2001

(19) Mike Runy, “The Weakest Precondition Protocol Analysis Environment”, FSU CS Technical Report #010601, May 2001

(20) Justin Childs, “Evaluating the TLS Family of Protocols with Weakest Precondition Reasoning”, FSU CS Technical Report #000703, July 2000

(e) Master's Thesis/Project Directorships

(1) Louis Brooks 2008

(2) John Kerski 2008

(3) Evan Hollander 2008

(4) Tina Suen, Spring 2007

(5) D.J. Scott, Spring 2006

(6) Ilkay Cubuku, May 2005

(7) Khandys Polite, May 2004

(8) Anna Suen, May 2003

(9) Kristin Burke, May 2003

(10) John Marshall, May 2003

(11) Stephen Carter, December 2002

(12) Tysen Leckie, December 2002

(13) Shanmuga Ramaswamy, April 2002

(14) Jenny Frazier, April 2002

(15) Nikhil Patel, December 2001

(16) Marion Bogdanov, December 2001

(17) Mike Runy, May 2001

(18) Edwin Melendez, July 2001

(19) Sachin Goregoaker, July 2001

(20) Justin Childs, July 2000

(f) Undergraduate Project Directorships.

(1) Donnie Newell (present)

(2) Jon Nilson (2006)
(3) Tina Suen, Spring 2005
(4) Don Scott, Fall 2003
(5) Yanet Manzano, Spring 2001, FSU CS Technical Report #000902
(6) Precious Jones, Spring 2001

(g) Master's Committee Memberships

(1) Shadi Azoum (Spring 2008)
(2) Prakash Mohan, Fall 2007
(3) Wickus Neinaber, Spring 2007
(4) Subhajit Datta, Summer 2006
(5) Eric Hokanson, Spring 2006
(6) Adam Chapman, Spring 2006
(7) Jason Nichols, Fall 2005
(8) Gabriel Onowho, Fall 2005
(9) Heng Yan, Summer 2005 (FAMU CIS Student)
(10) Karolina Maneva-Jakimoska, Spring 2005
(11) Matthew Rice, Spring 2005
(12) Robert Sherwood, Summer 2004
(13) Svitlana Mazurkova, Summer 2004
(14) Melissa Kryder, Spring 2004
(15) Jason Parker, Fall 2003
(16) Valentina Malaxa, Spring 2003
(17) Bobby Norton, Spring 2003
(18) Joey Belans, Spring 2003
(19) Yasir Syed Abbas, Fall 2002
(20) Erbil Yilmaz, Fall 2002
(21) Ron Larson, Fall 2002
(22) Shayne Steele, Fall 2002
(23) Sema Altan, Fall 2002
(24) Amit Fulay, Fall 2001
(25) Ashutosh Chitnis, Fall 2001
(26) Sathish Mohan, Spring 2001
(27) Marwan El Khatib, Spring 2001
(28) Mahesh Patel, Spring 2001

(h) Course Development Work

(1) Fall 03: CIS 4930 Applied Security. Complete course development.
(2) Summer 02, CIS 6930, Wireless Network Security, Complete course development.
(3) Spring 01: CIS 4930/5930, Practical Security, FSU. Complete course development.
(4) Spring 01: CEN 4542, Network Security and Cryptography. First time course.

(5) Spring 01: CGS 5892, Network Security, Active and Passive Defense. First time course.

(6) Spring 2000. Departmental security curriculum development. Contributed to the curriculum development and application process to enable the department to be certified to train NSA Security Professionals and this certification was accomplished.

(7) Spring 2000. NSA-CAEIAE. The department was recognized by the National Security Agency as a Center of Academic Excellence in Information Assurance Education through a collaborative effort between Dr. Desmedt, Dr. Baker, and me.

(i) Conferences, workshops, and professional development programs to improve teaching and professional competence in computer science:

(1) National Science Foundation, Cybersecurity Workshop, Washington D.C., June 2002

(2) Cyber Summit, Carnegie Mellon University Center, McConomy Hall in Pittsburgh, Pennsylvania, July 24-25, 2000

(3) 4th Annual National Colloquium for Information Systems Security Education, Security for the Ages, Sponsored by Critical Infrastructure Assurance Office, Washington D.C., May 2000

(4) National Security Telecommunications Information Systems Security Committee (NSTISSC) Conference, Hunt Valley, Maryland, April 2000

4. Service

(a) Departmental Committees

(1) Undergraduate Curriculum Committee (2005-7)
(2) Graduate Curriculum Committee (2004-7)
(3) Portfolio Committee (2004-5)
(4) Alternate member, FSU Security & Ethics Subcommittee (2004-5)
(5) Teaching Evaluation Committee (2004-5)
(6) Information Security Academic Program Director (2002-5)
(7) Faculty Recruitment Committee (member 2003-4)
(8) Graduate Student Recruitment/admissions Committee (member, 2001-4)
(9) Faculty Evaluation Committee (member, 2002-03)
(10) Software Engineering Curriculum Departmental Committee (2001-03, member)
(11) Chair Selection Committee (2000-02, member)
(12) Information Security Curriculum Departmental Committee (2001-02, member)
(13) Information Security Departmental Committee (2001-02, member)

(b) Conference and Program Committees

(1) Program Committee, IEEE Globecom 2013 - Global Communications Conference, Exhibition, and Industry Forum, Atlanta, Georgia, December 9-13, 2013

(2) Program Committee, The PST2013 International Conference on Privacy, Security and Trust (PST), July 10-12, 2013

(3) Program Committee, Communications and Information Systems Security Symposium (CISS), June 9-13, 2013, Budapest, Hungary

(4) General Chair, The 17th Colloquium for Information Systems Security Education (CISSE 2013), Mobile, Alabama, USA, June 10-12, 2013

(5) Program Committee, 8th Annual Cyber Security and Information Intelligence Research Workshop (CSIIRW8), Oak Ridge National Laboratory, January 8-10, 2013

(6) Program Committee, 46th Hawaiian International Conference on System Sciences (HICSS-46), January 7-10, 2013

(7) Program Committee, Cyber Security track at the 2012 IEEE International Conference on Technologies for Homeland Security (HST'12), Nov 13-15, 2012, Waltham, MA.

(8) Program Committee, The Sixth International Conference on Provable Security, September 26-28, 2012, Chengdu, China

(9) Program Committee, Seventh International Workshop on Systematic Approaches to Digital Forensics Engineering (SADFE), September 28, 2012, Vancouver BC, Canada

(10) Program Committee, Fifth International Conference on Availability, Reliability and Security (ARES 2012), August 20 - 18th 2012, Prague, Czech Republic

(11) Program Committee, International Conference on Security and Cryptography (SECRYPT 2012), Rome, Italy, July 24-7, 2012

(12) Program Committee, The 16th Colloquium for Information Systems Security Education (CISSE 2012), Lake Buena Vista, Florida, USA, June 2012

(13) Program Committee, First IEEE International Workshop on Security and Forensics in Communication Systems (SFCS 2012), Ottawa, Canada, June 10-15, 2012

(14) Program Committee, Workshop on Program Protection and Reverse Engineering (PPREW), Grenoble, France, March 20-28, 2012

(15) Program Committee, International Conference on Computing, Networking and Communications, Maui, Hawaii, January 30-February 2, 2012

(16) Program Committee, IEEE Globecom 2011 - Global Communications Conference, Exhibition, and Industry Forum, Houston, Texas, December 5-9, 2011

(17) Program Committee, the 26th Annual Computer Security Applications Conference (ACSAC), Orlando, FL, USA, December 5-9, 2011

(18) Program Committee, 11th International Conference on Information and Communications Security (ICICS 2011), Nov. 23-26, 2011, Beijing, China

(19) Program Committee, Sixth International Conference on Availability, Reliability and Security (ARES 2011), Vienna, Austria, August, 22 – 26, 2011

(20) Program Committee, 9th International Conference on Privacy, Security and Trust (PST2011) July 19-21, 2001 Montreal, Quebec, Canada

(21) Program Committee, International Conference on Security and Cryptography (SECRYPT 2011), Seville, Spain, July 18-21, 2011

(22) Program Committee, The 15th Colloquium for Information Systems Security Education (CISSE 2011), Dayton, Ohio, USA, June 13-15, 2011

(23) Program Committee, IEEE International Conference on Communications (ICC2011), Kyoto, Japan, June 5-9, 2011

(24) Program Committee, Sixth International Workshop on Systematic Approach to Digital Forensic Engineering (SADFE 2010), Oakland, California, May 26, 2011

(25) Program Committee, 4th IFIP International Conference on New Technologies, Mobility and Security (NTMS 2011), 7-10 February, 2011, Paris, France

(26) Program Committee, IEEE Globecom 2010 - Global Communications Conference, Exhibition, and Industry Forum, December 6-10, 2010

(27) Program Committee, IS'10: The 5th International Symposium on Information Security, Crete, Greece, October 26, 2010

(28) Program Committee, International Conference on Security and Cryptography (SECRYPT 2010), Athens, Greece, July 26-28, 2010

(29) Program Committee, The 15th Colloquium for Information Systems Security Education (CISSE 2010), Baltimore, Maryland, USA, June 6-9, 2010

(30) Program Committee, Systematic Approach to Digital Forensic Engineering (SADFE 2010), Oakland, California, May 20, 2010

(31) Program Committee, Fifth International Conference on Availability, Reliability and Security (ARES 2010), February, 15th - 18th 2010, Andrzej Frycz Modrzewski Cracow College, Krakow,Poland

(32) Program Committee, the 24th Annual Computer Security Applications Conference (ACSAC), Honolulu, Hi, USA, December 7-11, 2009

(33) Program Committee, 11th International Conference on Information and Communications Security (ICICS 2009), Dec. 14-17, 2009, Beijing, China

(34) Program Committee, Information Systems Security and Privacy 2009, Phoenix AZ, Dec 15-18, 2009

(35) Program Committee, 4th International Symposium on Information Security, November 1-6, 2009, Vilamoura, Algarve-Portugal

(36) Program Committee, 2nd International Workshop on Security and Privacy in Wireless and Mobile Computing, Networking and Communications, Marrakech, Morocco, October 12, 2009

(37) Program Committee, International Conference on Security and Cryptography (SECRYPT 2009), Milan, Italy, July 7-10, 2009

(38) Program Committee, The 13th Colloquium for Information Systems Security Education (CISSE 2009), Seattle, Washington, USA, June 1-3, 2009

(39) Program Committee, Fourth International Conference on Availability, Reliability and Security (ARES 2010), March, 16th - March, 19th 2009, Fukuoka, Japan

(40) Program Committee, the 24th Annual Computer Security Applications Conference (ACSAC), Anaheim, California, USA, December 8-12, 2008

(41) Program Committee, 10th International Conference on Information and Communications Security (ICICS 2008), Birmingham, UK, 20-22 October 2008

(42) Program Committee, 2008 ACM Conference on Computer and Communication Security (CCS), Alexandria, VA, USA, October 27 - October 31, 2008.

(43) **Program Chair**, Systematic Approach to Digital Forensic Engineering (SADFE 2008), Oakland, California, May 21, 2008

(44) Program Committee, The Third International Conference on Availability, Reliability and Security (ARES 2008), Barcelona, Spain, March 4-7, 2008

(45) Program Committee, Third International Conference on Information Systems Security (ICISS 2007), Delhi, India, 16-20 December 2007

(46) Program Committee, 2007 ACM Conference on Computer and Communication Security (CCS), Alexandria, VA, USA, October 29 - November 2, 2007.

(47) Program Committee, First International Symposium on Data, Privacy, and E-Commerce (ISDPE'07), Chengdu, China, November 1-3 2007

(48) Program Committee, 1st ACM Workshop on Information and Communications Security Standards and Regulations, Alexandria, VA, USA, October 29, 2007.

(49) Program Committee, International Conference on Emerging Security Information, Systems * Technologies (SECURWARE 2007), October 14-20, 2007, Valencia, Spain

(50) Program Committee, Workshop on Security and Trust Management (STM2007), Dresden, Germany, September 26-27, 2007

(51) Program Committee, 3rd International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing (SecPerU), Istanbul, Turkey, July 20, 2007

(52) Program Committee, 2007 SECRYPT, the International Conference on Security and Cryptography, Barcelona Spain, July 28-31, 2007

(53) Program Committee, The 11th Colloquium for Information Systems Security Education (CISSE 2007), 4-7 June, 2007 - Boston, MA

(54) Program Committee, The 2nd International Conference on Availability, Reliability and Security (ARES 2007), Vienna - Austria, April 10-13, 2007

(55) Publicity Chair and Program Committee, Systematic Approach to Digital Forensic Engineering (SADFE 2007), March 2007

(56) Advisory Committee, National Meeting Symposium on Electronic Voting, Irvine, California, National Academy of Engineering, February 8, 2007

(57) Program Committee, The Second International Conference on Information Systems Security (ICISS), at the Indian Statistical Institute, Kolkata, India, Dec.17-21, 2006

(58) Program Committee, Eighth International Conference on Information and Communications Security (ICICS '06), Raleigh, NC, USA, December 4-7, 2006

(59) Program Committee, 2006 ACM Conference on Computer and Communication Security (CCS), Alexandria, VA, USA, October 30 - November 3, 2006.

(60) Program Committee, International Conference on Communication, Network and Internet Security (CNIS 2006), Cambridge, USA, October 9-11, 2006

(61) Program Committee, Workshop on Security and Trust Management (STM06), Hamburg, Germany, September 20, 2006

(62) Program Committee, International Conference on Security and Cryptography, Setubal, Portugal, August 7-10, 2006

(63) Program Committee, Second Wireless Security and Privacy (WiSPr '06), Columbus, OH, from Aug. 14 - 18, 2006

(64) Program Committee, The 10th Colloquium for Information Systems Security Education, June 5 - 8, 2006

(65) Program Committee, The First International Conference on Availability, Reliability and Security (AReS), Vienna, AUSTRIA, April 20-22, 2006 (IEEE)

(66) Program Committee, International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing (SecPerU2006), Lyon, France, June 29, 2006

(67) Program Committee, 7th Annual IEEE Information Assurance Workshop, United States Military Academy, West Point, NY, 21-23 June 2006

(68) Session Chair, *Information Security*, The Third IASTED International Conference on Communications and Computer Networks, (CCN 2005), October 24-26, 2005, Marina del Rey, CA, USA

(69) Program Committee, 1st International Conference on Information Systems Security (ICISS), at Jadavpur University, Kolkata, India, December18-21, 2005 (LNCS 3803)

(70) Session Chair, Session I: Security, The Third IASTED International Conference on Communications and Computer Networks, October 24 - 26, 2005, Marina del Rey, CA

(71) Program Committee, European Symposium on Research in Computer Security (ESORICS-05), September 2005

(72) Program Committee, *Eighth International Symposium on Recent Advances in Intrusion Detection (RAID 2005)*, September 7-9, 2005

(73) Program Co-Chair, *Secure Mobile Ad-hoc Networks and Sensors*, proceedings in Springer-Verlag, September, 2005

(74) Program Committee, *2005 Information Resources Management Association (IRMA) International Conference*, October 2005

(75) Program Committee, IASTED International Conference on Communication, Network and Information Security (CNIS 2005), November, 2005

(76) Program Committee, International Conference on Pervasive Systems and Computing(PSC-05), June 2005

(77) Program Committee,*6th IEEE Information Assurance Workshop* (IAW 2005), 15-17 June 2005

(78) Program Committee, *2nd International Conference on E-Business and Telecommunication Networks*, (ICETE 2005), Oct. 3-7, 2005

(79) Program Committee, *IEEE GLOBECOM Workshop on Wireless Ad hoc and Sensor Networks*, Nov. 29- Dec 1, 2004

(80) Program Committee, *2005 Information Resources Management Association (IRMA) International Conference*, October 2005

(81) Program Committee, *International Workshop on Security in Parallel and Distributed Systems*, San Francisco, CA, September 15-17, 2004

(82) Program Committee, *Conference on E-business and Telecommunication Networks*, 24-25 August, 2004, Setubal, Portugal

(83) Program Committee, *International Workshop on VoIP Security* , 24-25 August, 2004, Setubal, Portugal

(84) Program Committee, *International Conference on E-business and TElecommunication Networks*" (ICETE 2004), August 2004

(85) Program Committee, *1st. International Symposium on Risk Management and Cyber-Informatics* (RMCI '04), Orlando, Florida, USA on July, 18-21, 2004

(86) Program Committee, *The 2004 International Conference on Wireless Networks (ICWN 2004)*, June 21-24, Las Vegas, Nevada

(87) Program Committee, *5th Annual IEEE Information Assurance Workshop (IAW 2004)*, 10-11 June, 2004, U.S. Military Academy, WestPoint, NY

(88) Co-Organizer, *FSU Summer School on Information Security*, May 3-7, 2004

(89) Program Committee, The 23rd International Performance, Computing and Communications Conference, April 14-17, 2004, Co-sponsored by the IEEE Computer Society

(90) Co-Organizer, FSU Summer School on Information Security, May 15-23, 2003

(91) Program Committee, First International Workshop on Wireless Security and Privacy, 6-9 October, 2003, Kaohsiung, Taiwan, ROC

(92) Program Committee, 4th Annual IEEE Information Assurance Workshop, 18-20 June, 2003, U.S. Military Academy, WestPoint, NY

(93) Program Committee, 2003 Information Resources Management Association (IRMA) International Conference, May 2003

(94) Program Committee, The 22nd International Performance, Computing and Communications Conference, April 9-11, 2003, Co-sponsored by the IEEE Computer Society Technical Committee on the Internet, and the IEEE Communication Society

(95) Program Co-Chair, Workshop on Security and Assurance in Ad hoc Networks, Held in conjunction with The 2003 International Symposium on Applications and the Internet, January 28, 2003

(96) Program Committee, 20th International Conference on Conceptual Modeling (ER 2001), Yokohama, Japan, Nov. 27-30, 2001

(97) Program Committee, Workshop on Data Mining for Security Applications, 8th ACM Conference on Computer Security in Philadelphia, PA, Nov 8, 2001

(c) Editorial Responsibilities

(1) Associate Editor, IEEE Security and Privacy Magazine, (2011-present)

(2) Editorial Review Board , Journal of Database Management (2002-present)

(3) Associate Editor, *Proceedings of the 2005 International Conference on Pervasive Systems and Computing*, Las Vegas, Nevada, USA, June 27-30, 2005

(4) Book Reviews

((a)) “Computer Security”, William Stallings, Prentice Hall, Nov/Dec 2006
((b)) "The Handbook of Information Security", John Wiley & Sons, January 2004
((c)) "Corporate Computer and Network Security", Raymond R. Panko, Prentice Hall, December 2003
((d)) "Security in Software Systems" by Eduardo Fernandez-Buglioni, Ehud Gudes, and Martin Oliver, Prentice Hall, May 2002
((e)) "Security in Software Systems", Textbook, Ch 4 & 7, Prenhall, 2002

(5) Journal Articles Refereed

((a)) Journal of Computer Science Education (2007)
((b)) Journal of Computer Security (2003, 2004(2), 2006(2))
((c)) International Journal of Information and Computer Security (2006)
((d)) International Journal of Network Security (2006)
((e)) Information Sciences (2005 (2), 2006)
((f)) Electronic Letters (2002, 2003, 2004, 2005, 2006)
((g)) IEE Proceedings in Information Security (2006)
((h)) IEEE Transactions on Intelligent Transportation Systems (2006)
((i)) IEICE Transactions on Information and Systems (2006)
((j)) Journal of Database Management (2001, 2002, 2003, 2004, 2006)
((k)) IEEE Software (2005)

((l)) International Journal of Computers and Applications (2005)
((m)) IEEE Transactions on Dependable and Secure Computing, Nov, 2004
((n)) Journal of Pervasive Computing and Communications (JPCC), Special Issue on "Wireless Networks and Pervasive Computing", 2005
((o)) Journal of Systems and Software (2004)
((p)) IEEE Transactions on Mobile Computing (2004)
((q)) International Journal of Computers and Applications (2004)
((r)) IEEE Transactions on Signal Processing (2003, 4)
((s)) Elsevier's International Journal of Systems Architecture (2003)
((t)) Electronics Letters ((2004(2), 2003 (5), 2002 (4))
((u)) IEEE Transactions on Knowledge and Data Engineering (2002)
((v)) Computer Networks (2001, 2002)
((w)) London Mathematical Society Journal of Computation and Mathematics (2001, 2002)
((x)) Requirements Engineering Journal, (2002)

(6) Reviewer activities

((a)) The 5th International Conference on Education and Information Systems, Technologies and Applications (EISTA) (2007)
((b)) Tenth Australasian Conference on Information Security and Privacy, ACISP 2005
((c)) Science & Engineering Research Council Agency for Science, Technology & Research, Singapore (2005)
((d)) Internet Society Network and Distributed System Security Symposium (NDSS'05)
((e)) IEEE Symposium on Security and Privacy, Oakland, CA (2002, 4)
((f)) First European Public Key Infrastructures Workshop (2004)
((g)) Information Resources Management Association (IRMA) International Conference 2003, May 2003 (5)
((h)) IEEE Security and Privacy Magazine (2003)
((i)) International Association of Science and Technology for Development (IASTED) International Conference on Communications and Computer Networks (CCN 2002), September 2002 (5)
((j)) IEEE Symposium on Computers and Communications (2002) (5)
((k)) Programming Language Design & Implementation (PLD&I) (2001)
((l)) 8th ACM CCCS (2001)
((m)) 2nd International Conference on Electronic Commerce and Web Technologies
((n)) Languages, Compilers, and Tools for Embedded Systems (LCTES) (2000)

(d) Panels

(1) National Science Foundation, May 2010

(2) "Voting System Risk Assessment," Election Verification Network Conference, Washington, D.C., March 26-27, 2010

(3) Panel Chair, "Voting at the Front Line: Focus on the Military Voter," Overseas Vote Foundation, Munich, Germany, March 18, 2010

(4) "UOCAVA Voting System Pilot Projects," Overseas Vote Foundation, Munich, Germany, March 19, 2010

(5) "Voting on the Internet" at Computers, Freedom and Privacy Conference 2009, George Washington University, Washington, D.C., June 1-4, 2009

(6) “Electronic Voting”, at the Applied Computer Security Associates Conference (ACSAC-24), Anaheim, California on December 8-12, 2008

(7) "Recruiting and Developing a Regional Technical Workforce", iTenWired Regional Summit, Andrews Institute in Gulf Breeze, FL, , October 2, 2008

(8) National Science Foundation, May 2008

(9) "Electronic Voting: The Politics of Broken Systems", RSA Conference 2008, sponsored by IEEE Security and Privacy Magazine, April 2008

(10) “Electronic Voting”, at the Applied Computer Security Associates Conference (ACSAC 2007), Miami, Florida, December 11-15, 2007

(11) “VVSG: New Metrics & Standards”, Information Technology and Innovation Foundation, Washington, D.C., December 6, 2007

(12) “Software Assurance”, at the 8th Annual IEEE SMC Information Assurance Workshop at the USMA, West Point, NY, June 21-22, 2007

(13) National Science Foundation, May 2005

(14) National Science Foundation, May 2004

(15) National Science Foundation, December 2002

(16) Panel Chair, Teaching Computer Forensics, First Workshop on Forensics, Center for Secure and Dependable Systems, University of Idaho, September, 2002

(17) National Science Foundation, November 2001

(18) National Science Foundation, December 2000

(19) National Science Foundation, April 2001

(20) National Science Foundation, May 2000

(e) International Committee Service

(1) ACM US Public Policy Committee (member)

(2) USACM Voting System Subcommittee (member, former Co-Chair)

(3) USACM Council, August 2012-Present

(f) Boards and Councils

(1) Board of Directors of the Elections by the People Foundation, 2009-2011

(2) State of Florida Help America Vote Act Planning Committee, October 2006-2008

(3) The Florida IT Executive Council (member), August 2005 - 2008

(4) Tallahassee Community College, Computer Programming Advisory Committee, November 2002-2008

(g) Interviews, Press and Television

(1) Radio Interview, “Topical Currents: Election Reform”, National Public Radio, 91.3 WLRN, Miami-Dade County, Florida, March 5, 2007

(2) Article/interview: Tallahassee Democrat, Tony Bridges, "How Safe is Your Wireless System?", Nov. 2003

(3) Television Interview: 11/7/2003, WCTV Channel 6, Sarah Grady, "The National Science Foundation Scholarships for Service Program at FSU"

(4) Television Interview: 7/24/2003, Florida News Channel, Deirdre Kaniweski, "Education and Research to Protect Florida's Cybersecurity"

(5) Article: FSView & Florida Flambeau, Shannon Dunker, "Students train to combat cyber terrorism", (Reporting on federal information assurance scholarships), July 2003

(6) Article: Tallahassee Democrat, 02/17/2003, Melanie Yeager, "Students studying up on security", (Reporting on federal information assurance scholarships)

(7) Article: Bulletin for Faculty and Staff of FSU, 03/16/2003, "FSU scholars to help protect national security"

(8) Radio Interview: 05/18/00, FSU Headlines, Dennis Schnittker, "Computer Assurance"

(9) Article: FSU Across the Spectrum, Jill Elish, "FSU Designated Center of Excellence for Computer Programs"