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) Visiting 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) Senior Member, ACM
   - (4) Member, USTPC

2. **Research and Creative Activity**
   (a) **Journal Publications**
   - (1) Alec Yasinsac and Cynthia Irvine, "Is there a Trustworthy Systems Doctor in the House?", IEEE Security and Privacy Magazine, Vol. 11, No. 1, Jan-Feb 2013
   - (2) 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
   - (3) 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
   - (4) 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
   - (5) 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
   - (6) Todd McDonald, Yong C. Kim, and Alec Yasinsac, "Software Issues in Digital Forensics," *ACM Operating Systems Review*, Volume 42 Issue 3, April 2008

(7) 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

(8) Todd Andel and Alec Yasinsac, "Surveying MANET Protocol Security Analysis", *IEEE Communications Surveys*, 4th Quarter 2007, Volume 9, No. 4, pp. 70-84

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

(10) 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

(11) 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

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

(13) 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

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

(15) 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

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

(17) 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

(18) 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) Palash Pal, Rituparna Datta, Aviv Segev, and Alec Yasinsac, "Condition Based Maintenance of Turbine and Compressor of a CODLAG Naval Propulsion System using Deep Neural Network", accepted to the 6th International Conference on Artificial Intelligence and Applications (AIAP-2019), May 25-26, 2019, Vancouver, Canada

(2) Mark Yampolskiy, Lena Schuetzle, Uday Vaidya and Alec Yasinsac, "Security Challenges for Additive Layer Manufacturing with Metallic Alloys", The Ninth Annual IFIP Working Group 11.10 International Conference on Critical Infrastructure Protection SRI International Arlington, Virginia, USA, March 16 - 18, 2015

(3) Mark Yampolskiy, William Glisson, and Alec Yasinsac, "Intellectual Property Protection in Additive Layer Manufacturing: Requirements for Secure Outsourcing", The 4th Program Protection and Reverse Engineering Workshop (PPREW-4), New Orleans, LA., December 14, 2014

(4) Alec Yasinsac, "Independent Computations for Safe Remote Electronic Voting", Security Protocols XXI, 21st International Workshop, March 18-20th, 2013, Sidney Sussex College, Cambridge, UK, LNCS 8263, ISBN 978-3-642-41716-0

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

(6) 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

(7) 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

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

(9) 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)

(10) 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

(11) 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

(12) 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

(13) 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

(14) 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

(15) 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.

(16) 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

(17) 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

(18) 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

(19) 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

(20) 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

(21) 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%)

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

(23) 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)

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

(25) 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

(26) 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

(27) 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

(28) 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

(29) 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)

(30) 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

(31) 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

(32) 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)

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

(34) 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

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

(36) 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

(37) 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

(38) 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

(39) 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

(40) 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

(41) 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.

(42) 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

(43) 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

(44) 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

(45) 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

(46) 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

(47) 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

(48) 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

(49) 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

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

(51) 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)

(52) 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

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

(54) 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

(1) 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) Mark Yampolskiy, Todd R. Andel, J. Todd McDonald, William B. Glisson, Alec Yasinsac, "Towards Security of Additive Layer Manufacturing", ACSAC 2014, New Orleans, LA., December 14, 2014, Presented at the "Work in Progress" session.

(2) Alec Yasinsac, "Precision In Elections: Extracting a Precise Result from an Imprecise Process," the International Journal of Critical Infrastructure Protection 5 (2012), pp. 135-136 DOI information: 10.1016/j.ijcip.2012.09.002

(3) 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

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

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

(6) 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

(7) 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

(8) 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

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

(10) 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

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

(12) 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

(13) 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

(14) 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

(15) 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

(16) 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

(17) 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.

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

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

(20) 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)

(21) 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.

(22) 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

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

(24) 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

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

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

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

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

(29) 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

(30) 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

(31) 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) "Sorting and Filtering Cyber Security Students and Programs", Keynote Lecture, 17th Colloquium on Information Systems Security Education, Mobile, Alabama, June 13, 2013

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

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

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

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

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

(7) "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

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

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

(10) "Application Security", Florida Department of Juvenile Justice, October 26, 2007

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

(12) "Application Security", Florida Government Technology Conference, September 11, 2007, Tallahassee, Florida

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

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

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

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

(17) "Software Security", Center for Computer Security Research Lecture Series, Mississippi State University, October 10, 2006

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

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

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

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

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

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

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

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

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

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

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

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

(30) 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) U. S. Federal Agency, [Title and agency withheld at Sponsor's Request], January 1, 2019-December 31, 2021, $7,100,000

(2) National Science Foundation, "Phase I IUCRC University of South Alabama: Center for Advanced Research in Forensic Science (CARFS)", NSF 1740434, July 2017-June 2022, $749,840

(3) National Science Foundation, "Renewal for USA Cyber Scholars Program", NSF 1564518, Oct 2016-Sep 2021, $3,704,570

(4) National Science Foundation, "Planning Grant: I/UCRC for Center for Advanced Forensic Science Research at University of South Alabama", NSF 1624793, Jul 2016-Jun 2017, $14,993

(5) National Science Foundation, ACI, "EAGER: Creating a TTP Ecosystem Discovery and Support Resource for Cybersecurity Technology Transfer to Practice", NSF 1636470, Aug 2016-Jul 2017, $249,902

(6) National Science Foundation, ACI, Cyber Security Transition to Practice Workshop #2: Creating a TTP Roadmap", NSF 1550544, Jul 2015-Jun 2016, $48,819

(7) Alabama Department of Commerce, Alabama Innovation Fund, "Cybersecurity Research for Critical Infrastructure Protection", June 2016, $20,000

(8) National Science Foundation, Campus Cyber Infrastructure, "CC*IIE Networking Infrastructure: Data Driven Expansion at The University of South Alabama", NSF 1440784, August 2014-July 2016, $497,307

(9) National Science Foundation, ACI, " Transitioning Funded Research Outcomes to Practice: Barriers, Opportunities, and Challenges ", NSF 1503654, Aug 2014-Nov 2015, $43,130

(10) National Science Foundation, Cyber Scholars, "Scholarship for Service in Information Assurance", January 2013, $2,407,000.

(11) Alabama Department of Commerce, Alabama Innovation Fund, "Metrics for K12 Computing Education", $78,000, June 2012

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

    (40)   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) Summer 2011, CIS 5910, Secure Coding Concepts (8)

    (2) Spring 2008, CIS 5370, Computer Security (12)

    (3) Spring 2008, CIS 5035, Software Engineering (18)

    (4) Spring 2007, CIS 8976, Master's Thesis Defense (2)

    (5) Spring 2008, CIS 5970, Thesis (2)

    (6) Fall 2007, CIS 4360, Computer Security (27)

    (7) Fall 2007, Small Research and Thesis Sections (8)

    (8) Fall 2007, CIS 6980, Dissertation (1)

    (9) Spring 2007, CEN 5035, Software Engineering (20)

    (10) Spring 2007, CIS 5370, Computer Security (19)

    (11) Spring 2007, CIS 5970, Thesis (1)

(12) Spring 2007, CIS 6935, Securing Distributed Systems (3)

(13) Spring 2007, CIS 6980, Dissertation (2)

(14) Spring 2007, CIS 8976, Masters Thesis Defense (1)

(15) Spring 2006, CEN 5035, Software Engineering (20)

(16) Spring 2006, CIS 5370, Computer Security (19)

(17) Spring 2006, CIS 3931, Introduction to Information Security (8)

(18) Spring 2006, CIS 5970, Thesis (2)

(19) Spring 2006, CIS 6935, Securing Distributed Systems (5)

(20) Spring 2006, CIS 6980, Dissertation (2)

(21) Spring 2006, CIS 8976, Masters Thesis Defense (1)

(22) Fall 2005, CIS 6930, Wireless Network Security (15)

(23) Fall 2005, CIS 4930, Wireless Security (20)

(24) Fall 2005, CIS 6935, Mobile Agent Security (5)

(25) Fall 2005, CIS 8976, Masters Thesis Defense (1)

(26) Fall 2005, CIS 6980, Dissertation (1)

(27) Spring 2005, CIS 4933, Honors Work in Computer Science, (1)

(28) Spring 2005, CIS 5970, Thesis, (2)

(29) Spring 2005, CIS 6900, Security Research (2)

(30) Spring 2005, CIS 6935, Wireless and Mobility Issues (2)

(31) Spring 2005, CIS 6980, Dissertation (1)

(32) Spring 2005, CIS 8976, Masters Thesis Defense (1)

(33) Spring 2005, CEN 5035, Software Engineering, (25)

(34) Fall 2004, CIS 6930, Secure Wireless Networks (10)

(35) Fall 2004, CIS 4933, Honors Work in Computer Science (1)

(36) Fall 2004, CIS 6935, Advanced Seminar in Network Systems (1)

(37) Fall 2004, CIS 8962, PhD Qualifying Exam (2)

(38) Fall 2004, CIS 6900, Security Research (2)

(39) Spring 2004, CIS 4362, Network Security and Cryptography (24)

(40) Spring 2004, CIS 5970, Thesis (1)

(41) Fall 2003, CIS 5357, Network Security, Active and Passive Defense (25)

(42) Fall 2003, CIS 4930, Applied Security (10)

(43) Fall 2003, CIS 6935, Information Security Seminar (4)

(44) Fall 2003, CIS 5970, Thesis (2)

(45) Fall 2003, CIS 4933, Honors Work (1)

(46) Fall 2003, CIS 5940, Supervised Teaching (1)

(47) Spring 2003, CEN 5452, Network Security, Active and Passive Defense (23)

(48) Spring 2003, CEN 4452, Network Security and Cryptography (12)

(49) Spring 2003, CIS 6935, Information Security Seminar (7)

(50) Spring 2003, CIS 8966, Masters Comprehensive Exam (2)

(51) Spring 2003, CIS 5970, Thesis (4)

(52) Spring 2003, Supervised Research (1)

(53) Spring 2003: CIS 4933, Honors Work (1)

(54) Spring 2003, CIS 5940, Supervised Teaching (1)

(55) Fall 2002, COP 3502, Introduction to Computer Science (49)

(56) Fall 2002, CIS 6935, Information Security Seminar (6)

(57) Fall 2002: CIS 8966, Masters Comprehensive Exam (2)

(58) Fall 2002: CIS 5970, Thesis (6)

(59) Summer 2002, CIS 6930, Wireless Network Security (9)

(60) Summer 2002, CIS 6935, Information Security Seminar (6)

(61) Spring 2002: CEN 4542, Network Security and Cryptography (15)

(62) Spring 2002: CGS 5892, Network Security, Active and Passive Defenses (25)

(63) Spring 2002: CIS 5970, Thesis (3)

(64) Spring 2002: CIS 5915, Graduate Software Project (2)

(65) Spring 2002: CIS 5900, Directed Study in Network Security (3)

(66) Spring 2002: CIS 8966, Masters Comprehensive Exam (1)

(67) Spring 2002: CIS 8976, Masters Comprehensive Exam (1)

(68) Fall 2001, CEN 5035 Software Engineering (34)

(69) Fall 2001, CIS 5915, Software Project (6)

(70) Fall 2001, CIS 5970, Thesis, FSU, (2)

(71) Fall 2001, CIS 8966, Masters Comprehensive Exam (1)

(72) Fall 2001, CIS 5900, System Security Analysis (1)

(73) Summer 2001: CIS 5900, Directed Study in Security Protocols (1)

(74) Summer 2001: CIS 5910, Supervised Research (1)

(75) Summer 2001: CIS 5915, Graduate Software Project (6)

(76) Summer 2001: CIS 8966, Masters Comprehensive Exam (2)

(77) Spring 2001: CEN 4542, Network Security and Cryptography (17)

(78) Spring 2001: CGS 5892, Network Security, Active and Passive Defenses (5)

(79) Spring 2001: CIS 5915, Graduate Software Project (4)

(80) Spring 2001: CIS 5900, Directed Study in Network Security (1)

(81) Spring 2001: CIS 5900, Directed Study in Security Protocols (1)

(82) Fall 2000: CEN 5035, Software Engineering (25)

(83) Fall 2000: CIS 5900, Directed Study in Network Security (1)

(84) Fall 2000: CIS 4900, Directed Study in Computer & Network Forensics (1)

(85) Spring 2000: CIS 4930/5930, Network Security and Formal Methods (37)

(86) Spring 2000: CIS 4933, Honors in Computer Science (1)

(87) Spring 2000: CIS 5915, Graduate Software Project (1)

(88) Spring 2000: CIS 8976, Masters Comprehensive Exam (1)

(89) Spring 2000: CIS 8966, Masters Comprehensive Exam (1)

(90) Spring 2000: CIS 5970, Thesis (1)

(91) Fall 1999: CEN 5035, Software Engineering (8)

(92) Fall 1999: CIS 4933, Honors Work in Computer Science (1)

(93) Fall 1999: CIS 5900, Directed Study in Network Security (1)

(94) Fall 1999: CIS 5900, Directed Study in Security Protocols (1)

(95) Fall 1999: CIS 5915, Graduate Software Project (1)

(96) Fall 1999: 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 Survivability", FSU Doctoral Dissertation, April 2007

(d) Master's Thesis/Project Directorships (20)

(e) Undergraduate Project Directorships (6)

(f) Master's Committee Memberships (28)

4. Service

(a) Conference and Program Committees

(1) Program Committee, "5th International Conference on Information Systems Security and Privacy (ICISSP 2019)," February 23 - 25, 2019, Prague, Czech Republic

(2) Program Committee, "The 16th Annual Conference on Privacy, Security and Trust (PST 2018)", August 28-30, 2018, Belfast, UK

(3) Program Committee, "4th International Conference on Information Systems Security and Privacy (ICISSP 2018)," 22-24 January, 2018, Funchal, Maderia - Portugal

(4) Program Committee, "The 19th International Conference on Information and Communication Security (ICICS2017)", 6-8 December 2017, Beijing, China

(5) Program Committee, "Tenth International Conference on Availability, Reliability and Security" (ARES 2017), Aug 29-Sept 2, 2017, Università degli Studi Mediterranea di Reggio Calabria, Italy

(6) Program Committee, "12th Conference on Systematic Approaches to Digital Forensics Engineering (SADFE 2017)", May 24th, 2017, San Francisco, California, USA

(7) Program Committee, "4th International Conference on Information Systems Security and Privacy (ICISSP 2017)," 19-21 February, 2017, Porto, Portugal

(8) Program Committee, "11th Conference on Systematic Approaches to Digital Forensics Engineering (SADFE 2016)", September 20th – 22nd, 2016, Kyoto, Japan

(9) Program Committee, "Ninth International Conference on Availability, Reliability and Security" (ARES 2016), Aug 31–Sept 2, 2016, Salzburg University of Applied Sciences, Salzburg, Austria

(10) Program Committee, "National Cyber Summit '16" (NCS 2016), June 7-9, 2016, Von Braun Center, Huntsville, Alabama

(11) Program Committee, "2nd International Conference on Information Systems Security and Privacy (ICISSP 2016)," 19-21 February, 2016, Rome, Italy

(12) Program Committee, "17th International Conference on Information and Communication Security (ICICS2015)," December 9-11, 2015, Beijing, China

(13) Program Committee, "10th Conference on Systematic Approaches to Digital Forensics Engineering (SADFE 2015), Malaga, Spain, Sept 30 - Oct 2, 2015

(14) Program Committee, Ninth International Conference on Availability, Reliability and Security (ARES 2015), Aug 24–28, 2015, Université Paul Sabatier, Toulouse, France

(15) Program Committee, "Thirteenth Annual Conference on Privacy, Security and Trust (PST2015)," 21-23 July 2015 in İzmir, Turkey, IEEE Computer Society

(16) Program Committee, "Third Workshop on Security and Forensics in Communication Systems (SFCS 2015)," Larnaca, Cyprus, July 6-9, 2015

(17) Program Committee, "7th Annual Southeastern Cyber Security Summit (SCSS 2015)," June 3 - 4, 2015 at the Von Braun Center in Huntsville, AL.

(18) Program Committee, Cyber Security track at the 2015 IEEE International Conference on Technologies for Homeland Security (HST'12), Apr 14-16, 2015, Waltham, MA.

(19) Program Committee, IEEE Globecom 2014 - Global Communications Conference, Exhibition, and Industry Forum, December 8-12, 2014, in Austin, Texas

(20) Program Committee, Eighth International Conference on Availability, Reliability and Security (ARES 2014), September 8-12, 2014, University of Fribourg, Switzerland

(21) Program Committee, "Fourteenth Annual Conference on Privacy, Security and Trust (PST2014)," Toronto, Canada, July 23-24, 2014, IEEE Computer Society

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

(23) Program Committee, Eighth International Conference on Availability, Reliability and Security (ARES 2013), September 2nd - 6th 2013, University of Regensburg, Germany

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

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

(26) General Chair, The 17th Colloquium for Information Systems Security Education (CISSE 2013), Mobile, Alabama, USA, June 7-12, 2013

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(90) 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(116) 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

(117) 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

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

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

(b) Editorial Responsibilities

(1) Editorial Board Member, Computers and Security (COSE) (2013-present)

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

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

(4) Associate Editor, IEEE Security and Privacy Magazine, (2011-2014)

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

(6) 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

(c) Panels

(1) National Science Foundation, participated in 32 NSF panels since 2000

(2) "Cybersecurity and the Law: What Judges Need to Know", National Bar Association 93rd Annual Judicial Convention, New Orleans, Louisiana, July 27 – August 2, 2018

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

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

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

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

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

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

(9) National Science Foundation, May 2008

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

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

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

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

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

(d) International Committee Service

(1) ACM US Public Policy Committee (member)

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

(3) USACM/USTPC Council, August 2012-present

(e) Boards and Councils

(1) City of Mobile Mayor's IT Task Force, Dec 2013-present (Chair)

(2) Foundation Board, Alabama School of Math and Science, 2011-present

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

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

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

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

(f) 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"