

Jon S. Warner, Ph.D.
Secure Systems Laboratory
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EDUCATION

Ph.D., Physics/Environmental Science, Portland State University, OR, 2002
M.S., Physics, Portland State University, OR, 1998
B.S., Physics, Southern Oregon University, OR, 1994
B.S., Business Management, Southern Oregon University, OR, 1994
A.A., Liberal Arts and Sciences, Clatsop Community College, OR, 1991
Machinist Mate, 'A' School Diploma, SSC, Naval Training Center, IL, 1989

OTHER EDUCATION

- RAP430 - RAPTOR Training and Evaluation Exercise, Emergency Operations Training Academy, US DOE/NNSA, April 28 – May 2, 2014, New Mexico
- Target Analysis & Vulnerability Assessment: An Interactive Workshop on Conducting Facility Vulnerability Assessments with Active Cooperation of Local Law Enforcement, Homeland Defense Journal Training Workshop, July 25-27, 2006, San Antonio, Texas
- Hands-On Hardware Hacking and Reverse Engineering Techniques, Federal Blackhat Training, Jan 23 – 26, 2006, Washington D.C.

PROFESSIONAL EXPERIENCE

Oct. 2007 – Present; **Argonne National Laboratory (ANL)**, (Argonne, Illinois)

April 2014 – Present; Systems Engineer, Electric Vehicle Smart-Grid Interoperability Center

Involved in the design and development of intelligent electric vehicle metering components, charging station design and the “smart charge adaptor” prototype. Worked with CAN bus, CHAdeMO, and other communications systems.

March 2014 – Present; Member, Radiological Assistance Program (RAP) team

Jan. 2014 – Present; Director, Secure Systems Laboratory

This is the Vulnerability Assessment Team with a new name and manager.

Oct. 2007 – Jan. 2014; Systems Engineer; Vulnerability Assessment Team

Studied/defeated/improved: Tamper Indicating Devices, Tamper Evident Packaging, Anti-Counterfeiting Tags, Electric Door Strikers, Proximity Card access control systems, Intrusion Sensors, Biometrics, Voting Machines, Drug Testing, Medical Devices, Courier Bags, Human Factors, Nuclear Safeguards, Physical & Cargo Security.

Developed: WACTD (Wine Anti-Counterfeiting and Tampering Device), Secured Sealed Radiological Sources, novel anti-counterfeiting devices, Anti-Evidence seals and traps, better Anti-Evident packaging, computer physical security, innovative approaches to Nuclear Safeguards, security training courses, and Smart electric grid load sensing charging system for electric vehicles.

Provided security assistance for over 50 private companies, government agencies, and NGOs.

Other duties: Argonne Series RD4, authorized Derivative Classifier with an expertise in National Security and Counter-Intelligence; Classified Matter Protection and Control Custodian for the VAT Facility; Building Manager - Bldg 206 ANL; Facility manager for two vault type rooms, one unclassified laboratory, and the Vulnerability Assessment exhibit room; mentor for technicians and Summer interns; designed and implemented cyber security plan for classified DOE certification of a Macintosh computer, and Assistant Editor, *The Journal of Physical Security*.

Oct. 2002 – Oct. 2007; **Los Alamos National Laboratory (LANL)**, (Los Alamos, NM)

Sept. 2004 – Oct. 2007; Technical Staff Member, Vulnerability Assessment Team

Oct. 2002 – Sept. 2004; Postdoctoral Researcher, Vulnerability Assessment Team

Studied/defeated/improved: GPS systems (1st person to demonstrate GPS spoofing, 2002), RFIDs, Contact Memory Buttons, Biometrics, Access Control Devices, Network Time Synchronizers, Tamper Indicating Devices, Tamper Evident Packaging, Anti-Counterfeiting Tags, as well as other physical security and Nuclear Safeguards applications.

Developed GPS spoofing countermeasures, novel Anti-Evidence seals and traps, better Anti-Evident packaging, computer physical security, innovative approaches to Nuclear Safeguards, PERL (Physical security Education Research Laboratory), ISIS (Inventory System Including Security), and microprocessor implementation of OPDAF (One-time Pad of Discrete Arbitrary Functions) used for field data authentication

Developed briefcase training devices for DoD and FBI bomb disposal units

Authorized Derivative Classifier; student mentor; and Assistant Editor, *The Journal of Physical Security*.

Sept. 1997 - Aug. 2002; **Physics Dept., Portland State University** (Portland, OR)

Research Assistant: Designed and built computer-driven calorimeter, electrolysis, chemical and surface physics instrumentation; data acquisition & statistical analysis; data acquisition & statistical analysis; proficiency with SEM (ISI SS40), EDS (Link AN1000), TEM (Hitachi HS-7S), XRD (Philips XRG-3000) and FIB (FEI 660 FIB) with SIMS.

Teaching Assistant: Taught Physics Labs, Assisted with Solid State Physics and Metallurgy courses.

Saturday Academy Mentor (1998-2001): trained/mentored high school summer students in lab practices and methods needed to run and analyze experiments.

April 1995-Sept. 1997; Clatsop **Community College** (Astoria, OR)

Ecosystem Workforce Developer: Designed multi-degree granting program; assisted the Dean in curriculum development and training protocols; developed analysis of staffing needs; drafted job descriptions; researched funding sources.

Learning Center Assistant: Assisted teaching GED and ESL students.

Tutor: math, chemistry and physics.

Sept. 1997 - Sept. 2003 **U.S. Air Force Reserves** (Portland, OR)

Pararescue Apprentice 1997 - 2003 Rank: E-5

Sept. 1988 - Sept. 1997 **U.S. Navy / Reserves** (Portland, OR)

- SIMA Everett Detachment 6 Naval Reserve Center, Portland OR, Rank: E-5
- Average yearly evaluation marks of 3.96 on a 4.0 scale.
- CPR Instructor (trained 210 students)
- Career Councilor for 35 Reservists
- Machinist Mate 2nd Class

CORE COMPETENCIES:

Physical security R&D, adversarial vulnerability assessments, penetration testing, covert entry techniques, Nuclear Safeguards and non-proliferation, homeland security, tamper and intrusion detection, counter-terrorism, security consulting & training, Macintosh cyber security.

Electronics: Embedded systems design and security, designed, prototyped, constructed, tested and debugged microcontroller based circuits using digital and analogue hardware; microprocessor firmware development using C, Basic, and Assembly languages; Communication and power management techniques as well as programming and designing for human interface.

Black Hat Capabilities: Hardware Hacking, Reverse engineering of both hardware and firmware, Digital Device Forensic Analysis, Counterfeiting, Lock Picking

Other capabilities: Custom tool making, various counterfeiting techniques, molding/casting of both low temperature metals and Silicone/Urethane rubber, silk-screening. General machine shop expertise (lathe, band saw, drill press, CNC mill, etc.).

OTHER LICENSES AND CERTIFICATIONS

- Active Q Security Clearance (Current)
- Active SCI Security Clearance (Current)
- Authorized Derivative Classifier (Current)

- Ordained as a Reverend with the Universal Life Church Monastery (Current)
- SCUBA Certification (Current)
- Property Management

- Series-6 Securities License
- Oregon State Life Insurance License
- Lifeguard Certification
- Series-63 Securities License
- Real Estate Law
- CPR Instructor Certification

AWARDS & HONORS

- CSO40 Award (CSO Magazine) for outstanding business value and security thought leadership (2013)
- Four ANL Spot Safety Awards, each award \$25, 2008, 2008, 2011, 2012
- Two LANL Achievement Awards, 2007 & 2004
- Teaching Assistant of the Year based on student evaluations, 1999
- Two Naval Reserve Meritorious Medals, 1990 & 1996
- Sailor of the Quarter Award, 1995
- Sigma Pi Sigma – National Honor Society for Physics Students, 1994
- Recognized for highest Navy advancement exam in a 6 state area, 1993
- National Defense Ribbon, 1992

SELECTED INVITED TALKS

JS Warner, “Intermodal Shipping; What you don’t know may be costly”, Chicago Actuarial Association Annual Workshop, Chicago, IL, March 24, 2015

JS Warner and RG Johnston, “Introduction to the Vulnerability Assessment Process”, World Institute for Nuclear Security Modeling and Simulation for Design and Assessment of Nuclear Security Systems workshop, Vienna, Austria, May 12-17, 2013

RG Johnston and JS Warner, “Boxing Outside the Think: Conducting Creative

Vulnerability Assessments”, CSO Security Confab, Braselton, GA, April 2-3, 2013

RG Johnston and JS Warner, “Magical Seals, Secure Voting Machines, and Other Fantasies”, Election Verification Network Conference, Chicago, IL, March 24-26, 2011

JS Warner, “Security Design Flaws”, Technology Surprise Seminar Series, Sandia National Laboratory, May 10, 2010

JS Warner, “The Vulnerability Assessment Team”, Technology Surprise Symposium, Washington DC, Oct 29, 2007

W Spurgeon and J Warner, “GPS Spoofing”, Technology Surprise Symposium, Washington DC, Oct 29, 2007

JS Warner and RG Johnston, "Limitations and Vulnerabilities of RFID and Contact Memory Devices", IAEA Workshop on Seals and Verification Monitoring, Vienna, Austria, Feb 12-16, 2007

RG Johnston and JS Warner, “Don’t Swallow the Snake Oil: Understanding the Vulnerabilities and Limitations of High Technology”, *ASIS International Live Virtual Internet Forum*, June 14, 2006, https://www.asisonline.org/store/program_detail.xml?id=23910886

J Warner, “What the Heck, its Just High Tech!” *Security Managers Workshop Meeting*, Sandia National Laboratory, July 27, 2005

J Warner, “*The Los Alamos National Laboratory Vulnerability Assessment Team & Appenix F*”, *Threat Reduction Directorate Review Committee*, Los Alamos National Laboratory, May 26, 2004

SELECTED CONTRIBUTED TALKS

RG Johnston and JS Warner, “Product and Technology Counterfeiting: It’s Not What,” 59th ASIS International Annual Meeting, Chicago, IL, Sep. 24-27, 2013

RG Johnston and JS Warner, “How to Think Like a Vulnerability Assessor,” ASIS/(ISC)2 World Congress, Philadelphia, PE, Sep. 10-13, 2012

JS Warner and RG Johnston, “Chirping Tag & Seal”, 9th Security Seals Symposium, Houston, TX, Aug. 30 - Sept. 3, 2010

RG Johnston and JS Warner, “Common Cargo Security Blunders & How to Avoid Them”, 9th Security Seals Symposium, Houston, TX, Aug. 30 - Sept. 3, 2010

JS Warner and RG Johnston, “Chirping Tag and Seal”, 51st INMM Meeting, Baltimore, MD, July 11-15, 2010.

RG Johnston and JS Warner, “Unconventional Approaches to Chain of Custody and

Verification”, 51st INMM Meeting, Baltimore, MD, July 11-15, 2010.

JS Warner and RG Johnston, “Why RFID Tags Offer Poor Security”, 51st INMM Meeting Baltimore, MD, July 11-15, 2010.

RG Johnston and JS Warner, “Security Theater in Future Arms Control”, 51st INMM Meeting Baltimore, MD, July 11-15, 2010.

RG Johnston and JS Warner, “Better Approaches to Physical Tamper Detection,” ShmooCon 2010, Washington DC, Feb 5-7, 2010 (Plenary Talk)

JS Warner and RG Johnston, “287 Security Blunders You Should Avoid,” 55th ASIS International Annual Meeting, Anaheim, CA, Sep. 21-24, 2009

RG Johnston and JS Warner, “Securing Pandora’s Box: Avoiding the Gotchas,” 8th Seals Symposium, Charleston, SC, Jan 29 – 31, 2007

JS Warner and RG Johnston, “Future Directions in Physical Security,” 8th Seals Symposium, Charleston, SC, Jan 29 – 31, 2007

RG Johnston, JS Warner, EG Bitzer, “How to Design a Physical Device, System, or Program,” 53rd ASIS International Conference, Las Vegas, NV, Sept 24-27, 2007

RG Johnston, et al., “Novel Approaches to Tamper Detection”, Technical Meeting on Sealing Systems and Containment Verification Methods, Vienna, Austria, February 12-16, 2007.

M Quirk, E Bitzer, R Johnston, and J Warner, “Risk Assessment of GPS Spoofing”, INFORMS 2006 Annual Meeting, Pittsburgh, PA, November 5-8, 2006

JS Warner and RG Johnston, “RFID & Contact Memory Button Vulnerabilities”, 7th Security Seals Symposium, Santa Barbara, CA, Feb 28 – March 2, 2006

JS Warner and RG Johnston, “Limitations and Vulnerabilities of RFID and Contact Memory Devices”, US/UK Tamper Indicating Devices Workshop, Pacific Northwest National Laboratory, April 18 - 22, 2006

RG Johnston & JS Warner, “Don’t Swallow the Snake Oil; Understanding the Limitations and Vulnerabilities of High Technology”, 51st ASIS International Conference, Orlando, Florida, Sept 11-15, 2005

RG Johnston, et al., “Nuclear Safeguards and Security: We Can Do Better”, 10th International Conference on Environmental Remediation and Radioactive Waste Management (ICEM’ 05), Glasgow, Scotland, Sept 4-8, 2005

J Warner, “Don’t Swallow the Snake Oil; Understanding the Limitations and Vulnerabilities of High Technology”, ASIS International; Emerging Trends Conference, Las Vegas, NV, May 3-5, 2005

RG Johnston and JS Warner, “Think GPS Offers Security? Think Again!”, Business

Contingency Planning Conference, Las Vegas, NV, May 23-27, 2004

JS Warner, "How to Defeat GPS", 6th Security Seals Symposium, Santa Barbara, CA, Feb 25, 2003

JS Warner, "Electrolysis of D₂O with Titanium Cathodes: Enhancement of Excess Heat and Further Evidence of possible Transmutation", 9th International Conference on Cold Fusion, May 19-24, 2002. Beijing, China: Tsinghua University, May 19-24, 2002

J Warner, "Consistent Explanation of Topography Change and Nuclear Transmutation in Surface Layers of Cathodes in Electrolytic Cold Fusion Experiments", 9th International Conference on Cold Fusion, May 19-24, 2002. Beijing, China: Tsinghua University, May 19-24, 2002

J Warner, "Heat Produced During the Electrolysis of D₂O with Titanium Cathodes", 8th International Conference on Cold Fusion, Lerici, Italy, May 21-26, 2000

SELECTED PEER-REVIEWED PUBLICATIONS

JS Warner, RG Johnston, "Contact Memory Buttons and Nuclear Safeguards", *Journal of Nuclear Materials Management*, 35(2), 11-15 (2009).

RG Johnston, MJ Timmons, and JS Warner, "Protecting Nuclear Safeguards Monitoring Data from Tampering", *Science and Global Security* 15(3), 185-209 (2007).

RG Johnston, JS Warner, ARE Garcia, et al., "Nuclear Safeguards and Security: We Can Do Better", LAUR-05-3658, *Proceedings of the 10th International Conference on Environmental Remediation and Radioactive Waste Management*, Sept 4-8, 2005, Glasgow, Scotland.

J Warner, and RG Johnston, "GPS Spoofing Countermeasures", *Journal of Homeland Security*, Dec. 2003, http://www.homelandsecurity.org/bulletin/Dual%20Benefit/warner_gps_spoofing.html

RG Johnston, ARE Garcia, AN Pacheco, RK Martinez, JS Warner, and SJ Trujillo, "New Approaches to Tamper and Intrusion Detection for Safeguards and Transport Security", *INMM Proceedings*, July 13-17, 2003, Phoenix, AZ.

J Warner, "Diffusion of Hydrogen Isotopes in Transition Metal Hydrides (Deuterides) and its role in the TNCF Model", *Journal of New Energy* 7(2), 2003 (In Press).

H Kozima, J Warner, C Salas Cano and J Dash, "TNCF Model Explanation of Cold Fusion Phenomenon in Surface Layers of Cathodes in Electrolytic Experiments" *Journal of New Energy* 7(1), (2003)

J Warner and RG Johnston, "A Simple Demonstration that the Global Positioning System (GPS) is Vulnerable to Spoofing", *Journal of Security Administration* 25(2), 19-28 (2002).

J Warner, J Dash, and S Frantz. "Electrolysis of D₂O with Titanium Cathodes: Enhancement of Excess Heat and Further Evidence of Transmutation", *Proceedings ICCF9*, May 19-24, 2002.

H Kozima, J Warner, C Salas Cano and J Dash, "Consistent Explanation of Topography Change and Nuclear Transmutation in Surface Layers of Cathodes in Electrolytic Cold Fusion Experiments", p.178 – 181, *Proceedings ICCF9*, May 19-24, 2002.

H Kozima, J Warner and G Goddard, "Cold Fusion Phenomenon and Atomic Processes in Transition-Metal Hydrides and Deuterides" *J. New Energy* 6-2, 126-141 (2001).

J Warner and J Dash, "Heat Produced During the Electrolysis of D₂O with Titanium Cathodes", p. 161 – 165, *Proceedings of the 8th International Conference on Cold Fusion*, Lerici, Italy: Italian Physical Society, May 21-26, 2000.

OTHER SELECTED PUBLICATIONS

RG Johnston, C. Folk, JS Warner, "Fearing NORQ, and Why Doing So in Bad for Security", *Homeland Security Today Magazine* July 15, 2014, http://www.nxtbook.com/nxtbooks/kmd/hst_20140607/#/40

RG Johnston and JS Warner, " Does Enterprise Physical Security Count as a 'Real' Field?", *Security Magazine* 51(5), 28-30 (2014), <http://www.securitymagazine.com/articles/85460-does-enterprise-physical-security-count-as-a-real-field?v=preview>

RG Johnston, and JS Warner, "Vulnerability Assessment Myths* (Or What Makes Red Teamers See Red)", *Journal of Physical Security* 7(1), 31-38 (2014)

RG Johnston and JS Warner, "What Vulnerability Assessors Know That You Should, Too", *Asia Pacific Security Magazine* 50, 40-42, Aug/Sept 2013.

RG Johnston and JS Warner, "Is Your Program Security Theater?", *Security Magazine*, 50(9), 58-62 (2013), http://www.securitymagazine.com/articles/84691-is-your-program-security-theater?_escaped_fragment_=#!

RG Johnston and JS Warner, "Debunking vulnerability assessment myths", *Security InfoWatch.Com*, Aug 6 and 13, 2013, <http://www.securityinfowatch.com/article/11078830/experts-discuss-commonly-held-misconceptions-about-vulnerability-assessments#!>

RG Johnston and JS Warner, "How to Choose and Use Seals", *Army Sustainment* 44(4), 54-58 (2012), http://www.almc.army.mil/alog/issues/JulAug12/Choose_Use_Seals.html

JS Warner and RG Johnston, "Chirping Tag and Seal", *Proceedings of the 51st INMM Meeting*, Baltimore, MD, July 11-15, 2010

RG Johnston and JS Warner, "Using Pointers For Better Key and Password Security", *Proceedings of the 51st INMM Meeting*, Baltimore, MD, July 11-15, 2010

JS Warner and RG Johnston, "Why RFID Tags Offer Poor Security", *Proceedings of the 51st INMM Meeting*, Baltimore, MD, July 11-15, 2010

RG Johnston and JS Warner, "Security Theater in Future Arms Control", *Proceedings of the 51st INMM Meeting*, Baltimore, MD, July 11-15, 2010

RG Johnston and JS Warner, "Unconventional Approaches to Chain of Custody and Verification", *Proceedings of the 51st INMM Meeting*, Baltimore, MD, July 11-15, 2010

RG Johnston, J Vetrone, and JS Warner, "Sticky Bomb Detection with other Implication for Vehicle Security", *Journal of Physical Security* 4(1), 36-46 (2010)

RG Johnston, EC Michaud, and JS Warner, "The Security of Urine Drug Testing", *Journal of Drug Issues*, 39(4), 1015-1028 (Fall 2009)

RG Johnston, EC Michaud, and JS Warner, "The (In) Security of Drug Testing", *Security* 70, March 2009

RG Johnston and JS Warner, "The Dr. Who Conundrum: Why Placing Too Much Faith in Technology Leads to Failure", *Security Management* 49(9), 112-121 (2005).

RG Johnston and JS Warner, "Cargo Tracking and Security", *EyeforTransport*, Sept, 2003, <http://www.eyefortransport.com/index.asp?news=38732&nli=freight&ch=>

H Kozima, J Warner, G Goddard and J Dash, "An Examination of Proton (Deuteron) Wave Functions in PdH (D) with Possible Application to the TNCF Model" (in press).

RG Johnston, and JS Warner, "Think GPS Cargo Tracking = High Security? Think Again", *Transport Security World*, Sept. 1, 2003, <http://www.transportsecurityworld.com> or <http://lib-www.lanl.gov/cgi-bin/getfile?00852245.pdf>.

J Warner and J Dash, "SEM and EDS Characterization of Titanium Cathodes Before and After Electrolysis in Heavy Water", *Microscopy and Microanalysis* 5, 1999. Portland, OR

OTHER SELECTED RECOGNITION:

My work has been discussed in a number of different news outlets. Some examples include:

- "Researchers break open voting machines in test of security", Chicago Sun Times.com (Nov. 30, 2012), <http://www.suntimes.com/15957038-418/researchers-break-open-voting-machines-in-test-of-security.html#.U-6Coki2zlo>

- "How I Hacked An Electronic Voting Machine", Popular Science (November 5, 2012)

<http://www.popsci.com/gadgets/article/2012-11/how-i-hacked-electronic-voting-machine>

- "How to Rig an Election", Harper's 325, 33-41 (Nov 2012), <http://harpers.org/print/?pid=225772>

- "How Your Vote Can Be Hacked", CNN Money, (October 31, 2012), Video: <http://money.cnn.com/video/technology/2012/10/31/ts-voting-machine-hack.cnnmoney/>

- "Iran Wins RC Model Competition and Takes Home the Prize" Granite Grok (Dec 18, 2011), GPS Spoofing, <http://granitegrok.com/blog/2011/12/iran-wins-rc-model-competition-and-takes-home-the-prize>

- "Argonne researchers 'hack' Diebold e-voting system", Computer World, (September 28, 2011), Article: http://www.computerworld.com/s/article/9220356/Argonne_researchers_hack_Diebold_e_voting_system

- "Diebold Voting Machines can be Hacked by Remote Control", Salon (September 27, 2011), Article: <http://www.salon.com/2011/09/27/votinghack/>

- "The Scary Truth About Voting Machine Hacking Risk (Exclusive Video)", ZDNet (October 23, 2011) <http://www.zdnet.com/blog/government/the-scary-truth-about-voting-machine-hacking-risk-exclusive-video/10945>

- "US Lab Says Electronic Voting Machines Easy to Hack", Voice of America (September 16, 2011), Article: <http://www.voanews.com/content/us-lab-says-electronic-voting-machines-easy-to-hack-132016698/174900.html>

- NBC Chicago, news story about Roger Johnston and the VAT (aired Jan. 06, 2011) <http://www.nbcchicago.com/news/tech/argonne-laboratory-technology-security-breach-113054464.html>

- "Detecting sticky bombs", Homeland Security News Wire, (Jul. 30, 2010) <http://homelandsecuritynewswire.com/detecting-sticky-bombs?page=0,0>

- GPS Spoofing, MAKE: Magazine blog (Sep. 19, 2008) http://blog.makezine.com/archive/2008/09/gps_spoofing.html

- GPS Spoofing by Bruce Schneier, Schneier on Security blog (Sep. 17, 2008) http://www.schneier.com/blog/archives/2008/09/gps_spoofing.html

- GPS and Wall Street by Sheri Davidoff Philosecurity blog (Sep. 11, 2008) <http://philosecurity.org/2008/09/11/gps-and-wall-street>

- Tampering with Transportainers by Sheri Davidoff Philosecurity blog (Aug. 25, 2008) <http://philosecurity.org/index.php?s=tampering>

- GPS Spoofing by Sheri Davidoff Philosecurity blog (Sept. 7, 2008) <http://philosecurity.org/2008/09/07/gps-spoofing>

- New bottle cap thwarts wine counterfeiters Argonne, Physorg.com (Aug. 1st, 2008)

<http://www.physorg.com/news137081078.html>

- Security team makes its home at Argonne, The Doings-ClarendonHills.com (Jan. 24, 2008)

- Argonne bolsters efforts in security research Argonne, Reuters (Nov. 28, 2007)
<http://www.reuters.com/article/pressRelease/idUS31761+28-Nov-2007+PRN20071128>

Sarah D. Scalet, "Vulnerability Assessment's Big Picture", CSO Magazine, June 2007, pp. 32-36, http://www.csoonline.com/read/060107/fea_ga.html or [http://www.cio.com/article/116800/How to Conduct a Vulnerability Assessment](http://www.cio.com/article/116800/How_to_Conduct_a_Vulnerability_Assessment)

Sarah D. Scalet, "The 5 Myths of RFID", CSO Online, May 2007,
http://www.csoonline.com/read/050107/fea_rfid.html

Courtney Macavinta, "Border Control", cover story for RFID Journal, Jan/Feb 2007,
<http://www.rfidjournal.com/article/articleview/3084/5/80/>.

A. Meena, "Antievidence--Innovative Method for Tamper Detection", *Homeland Security Alert* in Frosh & Sullivan Technical Insights, April 2006,
<http://www.frost.com/prod/servlet/frost-home.pag>

Defense Intelligence Agency, "The VAT and How GPS is Easy to Spoof", Tech Surprise Notes 3(2), February 2006.

Martha Baer, Katrina Heron, Oliver Morton, and Evan Ratliff, "Safe: The Race to Protect Ourselves in a Newly Dangerous World," (Harper Collins, 2005), pages 254-257 and 259.

"Get Creative to Reveal Unseen Vulnerabilities", IOMA Security Director's Report, Issue 05-11, November 2005, pp. 1, 12-13, <http://www.ioma.com/SECURE>.

M. Baer, et al., *Safe: The Race to Protect Ourselves in a Newly Dangerous World*, (2005), pp. 254-259, <http://www.safethebook.com/problemsolvers.html>

PharmaManufacturing.Com: "Why Pharma's Anti-Tampering Strategy Won't Work", January 13, 2005, <http://www.pharmamanufacturing.com/articles/2005/142.html>

Editor's Feature Article in *Mechanical Engineering*, May 2005,
<http://www.memagazine.org/contents/current/features/portslook/portslook.html>

"Can RFID Secure America's Ports", *Supply Chain Management Review*,
<http://www.manufacturing.net/scm/article/NEc0905414.8ne.html?industry=Supply+Chain+News&industryid=2380>

"The Eyes Don't Have It", *Business Travel Executive*, June 2005,
<http://www.askbte.com/article.asp?articleid=4206>