

# Miscellanea

## PUBLICATIONS

APL staff members were authors or co-authors of the following unclassified books and technical articles that were recently published:

**Aramini J, Ashar R, Babin S, Blazes D, Buckeridge D, Burkom H, Chretien J-P, Coberly J, Cooper D, Erickson RL, Glass J, Hakre S, Happel Lewis S, Hauenstein L, Holtry R, Lehmann H, Hurt-Mullen K, Lombardo JS, Loschen W, Ma H, Magruder S, Martin C, Mukhi SN, Mundaca C, Ross D, Sikes M, Sniegoski C, Taberner N, Thompson MW, Tokars JL, and Wojcik R**

*Disease Surveillance: A Public Health Informatics Approach*, Lombardo JS, Buckeridge DL (eds.), Wiley-Interscience (2007).

**Babin SM, Burkom HS, Holtry RS, Taberner NR, Stokes LD, Davies-Cole JO, DeHaan K, and Lee DH**

Pediatric patient asthma-related emergency department visits and admissions in Washington DC, from 2001–2004, associations with air quality, socio-economic status, and age group, *Environmental Health* 6, <http://www.ehjournal.net/content/6/1/9> (2007).

**Babin SM, Magruder S, Hakre S, Coberly J, and Lombardo JS**

Understanding the data: Health indicators in disease surveillance, Chap. 2 in *Disease Surveillance: A Public Health Informatics Approach*, Lombardo JS, Buckeridge D (eds.), Wiley-Interscience (2007).

**Behum SE, and Trifonov O**

On a problem of Ore, in *Combinatorial Number Theory*, Landman B, Nathanson MB, Nesetril J, Nowakowski RJ, Pomerance C (eds.), de Gruyter (2007).

**Buckeridge DL, Thompson MW, Babin SM, and Sikes ML**

Evaluating automated surveillance systems, Chap. 10 in *Disease Surveillance: A Public Health Informatics Approach*, Lombardo JS, Buckeridge DL (eds.), Wiley-Interscience (2007).

**Hahn DV, Baldwin KC, and Duncan DD**

Non-laser-based scanner for three-dimensional digitization of historical artifacts, *Applied Optics* 46(15), 2838–2850 <http://www.opticsinfobase.org/abstract.cfm?URI=ao-46-15-2838> (2007).

**Happel Lewis S, Hurt-Mullen K, Martin C, Ma H, Tokars JL, Lombardo JS, and Babin SM**

Modern disease surveillance systems in public health practice, Chap. 6 in *Disease Surveillance: A Public Health Informatics Approach*, Lombardo JS, Buckeridge D (eds.), Wiley-Interscience (2007).

**Hunter LW, Chang Y, Oguz HN, Wilkerson JT, Lennon AM, Cain RP, Carkhuff BG, Thomas ME, Walts SC, Mitchell CA, Blodgett DW, and Terry DH**

The environment created by an open-air solid rocket propellant fire, *Combustion Sci. and Technol.* 179(5), 1003–1027 (2007), <http://www.tandf.co.uk/journals/titles/00102202.asp>.

**Leahy-Hoppa MR, Fitch MJ, Zheng X, Hayden LM, and Osiander R**

Wideband terahertz spectroscopy of explosives, *Chem. Phys. Lett.* 434, 227–230 (2007).

**McCally RL, Bonney-Ray J, de la Cruz Z, and Green WR**

Corneal endothelial injury thresholds for exposures to 1.54 mm radiation, *Health Phys.* 92(3), 205–211 (2007).

**Shim B, Ringkamp M, Lambrinos GL, Hartke TV, Griffin JW, and Meyer RA**

Activity-dependent slowing of conduction velocity in uninjured L4 C-fibers increases after an L5 spinal nerve injury in the rat, *Pain* 128, 40–51 (2007).

## PRESENTATIONS

APL staff members were among those who gave the following presentations:

**Akinpelu AA, Kagel AA, Moy DW, Ratliff AL, and Rogers CC**

Assessment of enhanced position location reporting system (EPLRS) radio support for AN/KSQ-1 amphibious assault direction system (AADS) in joint operations, *9th Annu. EPLRS Multi-Service Conf.*, SPAWAR Systems Center, Charleston, SC (Mar 2007).

**Babin SM, and Clayton K**

EPA's water security initiative, City of Milwaukee Water/Health Tech. Subcommittee, Milwaukee, WI (Jan 2007).

**Barrios AL, Patchan RM, Miller JD, Landis MA, and Schott G**

Aegis BMD independent verification and validation, *5th Missile Defense Conf. and Exhibition*, Washington, DC (Mar 2007).

**Bush DM**

Colors talk: Are you listening?, Hopkins Women's Network, Laurel, MD (Apr 2007).

**Cernak I**

Blast-induced neurotrauma: An old problem with new clothes, *CNS Injury Conf.*, Philadelphia, PA (Apr 2007).

**Cropper KM, McKneely JAB, and Moundalexis ML**

Undersea warfare situation awareness and fatigue, *Human Systems Integration Symp. (HSIS) 2007*, Annapolis, MD (Mar 2007).

**Fitch MJ, Leahy-Hoppa MR, Dikmelik Y, Spicer JB, and Osiander R**

Trace explosive detection using THz reflection spectroscopy, *10th Annu. Army Landmine Detection Mtg.*, Springfield, VA (Feb 2007).

**Harrison GA**

Multiple kill vehicle weapon-target assignment, *5th Annu. U.S. Missile Defense Conf.*, Washington, DC (Mar 2007).

**Maurer RH, Roth DR, Zeitlin CJ, Goldsten JO, and Haggerty DK**

Combined Ion and Neutron Spectrometer for Space Applications (CINS), *NASA Human Res. Prog. Workshop*, Houston, TX (Feb 2007).

## CONFERENCES WITH PROCEEDINGS

APL staff members were among those who gave the following presentations that appeared in conference proceedings:

**Benson AK, Barger CB, Brady SL, Denning AW, Page LM, and McCally RL**

Thermoacoustic wave generation and propagation in the cornea: The potential for damage, in *Proc. of SPIE*, #78, San Jose, CA (Feb 2007).

**Cropper KM, McKneely JAB, and Moundalexis ML**

Undersea warfare situation awareness and fatigue, in *HSIS 2007 Tech. Program Proc.*, Annapolis, MD (Apr 2007).

**Grizzard JB, Sharma V, Nunnery C, Kang BH, and Dagon D**

Peer-to-peer botnets: overview and case study, in *HotBots '07*, Cambridge, MA, [http://www.usenix.org/events/hotbots07/tech/full\\_papers/grizzard/grizzard.pdf](http://www.usenix.org/events/hotbots07/tech/full_papers/grizzard/grizzard.pdf) (Apr 2007).

**Ryals KT, and Groër CS**

Sensitivity analysis in simulation of stochastic activity networks: a computational study, in *10th INFORMS Computing Soc. Conf. Proc., Extending the Horizons: Adv. in Computing, Optimization, and Decision Technologies Conf.*, Coral Gables, FL (Jan 2007).

**Farroha BS, Cole RG, Farroha DL, and DeSimone A**

An investigative analysis of information assurance issues associated with the GIG's P&P architecture, in *SPIE Defense and Security Symp.—Defense Transformation and Net-Centric Systems 2007*, Paper #6578-5, Orlando, FL (May 2007).

**Ockerman JJ, Tzeng NH, Koterba NT, and Cantu O**

Experimenting with enhanced chat, in *Human Systems Integration Symp. 2007*, Annapolis, MD (Mar 2007).

**Zaidan O, Eisner J, and Piatko C**

Using “annotator rationales” to improve machine learning for text categorization, in *Human Language Technologies: Proc. of the Annu. Conf. of the North Am. Chapter of the Assoc. for Computational Linguistics (NAACL-HLT)*, Rochester, NY, <http://www.cs.jhu.edu/~jason/papers/> (Apr 2007).