

Philip T. Amuso, Ph.D., HCLD (American Board of Bioanalysis)

EDUCATION

Ph.D., Tropical Public Health and Communicable Disease, University of South Florida (USF),
Tampa, Florida
M.S., Microbiology, USF, Tampa, Florida
B.A., Biology, USF, Tampa, Florida
MANAGEMENT FELLOW, Executive Management
Training Program, Florida Department of Health and Rehabilitative
Services

PROFESSIONAL EXPERIENCE

2001 to pres: Associate Chief for Florida Department of Health Bureau of Laboratories and the
Director of the Tampa Laboratory

As the Associate Bureau Chief I serve as the Operations Director for the statewide management of five public health laboratories, employing 350 individuals with an operating budget of over \$42 million in order to provide public health laboratory services to 67 counties. I also serve as the laboratory director for the Tampa Laboratory, Clinical Consultant (CLIA), Technical Supervisor (CLIA), and General Supervisor (CLIA) in microbiology, serology and immunology. As the laboratory director I am directly responsible for the overall administration of the Tampa laboratory in the delivery of laboratory services to seventeen (17) County Health Departments. In Tampa, I directly manage a staff of 52 technical and support positions, including the core biological defense laboratory. I serve as a Bureau of Laboratories' Biological Defense liaison for the Florida Department of Health and as Co-Principal Investigator on a Department of Defense funded biological defense contract entitled "Enhancement of Public Health Preparedness for Dealing with Bioterrorism".

2001 to pres: Assistant Professor, College of Medicine, Department of Internal Medicine, Division of Infectious Diseases, University of South Florida, Tampa, FL

- Teach clinical microbiology to medical doctors who are specializing in infectious diseases at the University of South Florida.
- Provide research guidance to students pursuing masters and doctoral (Ph.D.) degrees from the College of Medicine and the College of Public Health.

2000 to pres: Laboratory Director and Co-Principal Investigator, USF Center for Biological Defense, Tampa, FL

1982 to 2001: Assistant Laboratory Director

1979 - 1981: Florida Department of Health, Bureau of Laboratories, Tampa, FL

Served as the assistant laboratory director, technical supervisor (CLIA), and General Supervisor (CLIA) in microbiology, serology and immunology. Responsible for the overall administration and day-to-day technical operation of a large public health laboratory, in the delivery of laboratory services to seventeen (17) County Health Departments. Managed a staff of 35 technical and support persons, including the core biological defense laboratory.

1981 - 1982 Management Fellow

Florida Department of Health and Rehabilitative Services, Tallahassee, FL

One of 14 employees chosen for a one-year appointment as a Management Fellow. During this time I received full-time training in executive management. I reported directly to the Deputy Secretary for the Department, and served on several state-wide committees for the Governor and the Department's Secretary, including an appointment

as Chairman of the Secretary's Task Force for Paperwork Reduction, as a member of the Departmental Automation and Computerization Committee, and Departmental representative to the Governor's Private Industry Council, which consisted of the CEO's and presidents from some of Florida's largest corporations.

1975 - 1979: Biological Scientist Supervisor
Florida Department of Health, Epidemiology Research Center, Tampa, FL

I served as the manager and lead investigator for a project funded by the U.S. Environmental Protection Agency, to study the pathogenic free-living amoebae *Naegleria fowleri*, which is the etiologic agent of Primary Amoebic Meningo-Encephalitis. This project involved extensive examination of lakes throughout Florida and Georgia, for the purpose of accumulating information about the ecology, physiology, epidemiology and pathology of *Naegleria fowleri*.

1974 - 1975 Microbiologist
Centro Asturiano Hospital, Tampa, FL

Performed a variety of diagnostic tests for the identification and characterization of bacteria, fungi, viruses, and protozoan parasites.

MEMBERSHIPS, CERTIFICATIONS AND LICENSES

Member, American Association of Bioanalysts (AAB)
Member, (National) Association of Public Health Laboratories (APHL)
Member, National Center for Public Health Laboratory Leadership (NCPHLL) Advisory Board
Member, American Society for Microbiology (ASM)
Member, Dean's Advisory Committee, Univ. of S. Florida College of Public Health (2001 – pres.)
Member, Delta Omega Public Health Society (2005)
Member, Florida Infectious Disease Society (2003 – pres.)
Member, Florida Public Health Foundation Board (2002 – 2003)
Member, Florida Public Health Association (1982 – present)
Member, Greater Tampa Sertoma Club; President (1991-1992 and 2001 – 2002); V.P. and Director (1988 – 1991; 2002 – present)
Member, Infectious Diseases Society of American (IDSA)
Member, Phi Kappa Phi National Honor Society
Board Certified High Complexity Laboratory Director, American Board of Bioanalysis (ABB); certificate no. 3518
Licensed Clinical Laboratory Director, State of Florida; license number DI 10093

COMMITTEE SERVICE

Member, Council of State and Territorial Epidemiologists (CSTE) Primary Amebic Meningoencephalitis (PAM) Workgroup (2008 – 2009)
Member, (National) Association of Public Health Laboratories (APHL) committee on public health laboratory workforce development (2006 – pres.)
Member, Advisory Board, Association of Public Health Laboratories (APHL) National Center for Public Health Laboratory Leadership (2007 – pres.)
Member, Florida Dept. of Health – Florida Dept. of Agriculture Interagency Workgroup (2004 – pres.)
Member, Florida Dept. of Health Pandemic Influenza Planning Team (2005 – pres.)
Member, Hillsborough County Metropolitan Medical Response System work group (2000 – pres.)
Member, Regional Biocontainment Laboratory Design Team, University of South Florida Health Sciences Center (2002 – 2004).
Member Search Committee, Univ. of S. Florida College of Public Health Dean (Jan. 2002 – May 2002)
Member, Greater Tampa Sertoma Club Endowment Development Committee
Chair, Univ. of S. Florida Sertoma Endowed Scholarship Board of Directors (1994 – pres.)

Member, Univ. of S. Florida Health Strategic Committee on Development (2005 – 2008).
Faculty Senate representative for the Univ. of S. Florida College of Medicine (2007 – 10)
Member, Univ. of S. Florida Alumni Association Board of Directors (1997 – 2003)
Member, Univ. of S. Florida Alumni Association Student and Young Alumni Relations Committee (2003 – 2007)
Member, Univ. of S. Florida Health Infectious Diseases Work Group (Dec. 2001 – 2008)
Member, State Working Group for Domestic Security, Health and Medical Committee (2003 – pres.)
Treasurer and Director, Florida Public Health Foundation, Inc. (2002 – 2003)

FUNDED RESEARCH ACTIVITIES

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: December 16, 2010 – December 15, 2011
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 1,012,000

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 31, 2009 – October 30, 2010
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 1,187,000

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 31, 2008 – October 30, 2009
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 1,227,000

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: September 1, 2007 – October 30, 2008
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 1,985,885

Co-Principal Investigator for award #0600000435
Grantor: Fractal Systems, Inc.
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 1, 2008 – September 30, 2009
Title: Direct Toxin-Specific Biowarfare Detector
Funding: \$ 170,000

Co-Principal Investigator for award #0600000435
Grantor: Fractal Systems, Inc.
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 1, 2005 – September 30, 2007
Title: Direct Toxin-Specific Biowarfare Detector
Funding: \$ 199,172

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: September 1, 2006 – October 30, 2007
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 2,053,783

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: September 1, 2005 – October 30, 2006
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 2,237,201

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, RDECOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: September 1, 2004 – October 30, 2005
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 2,496,198

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, SBCCOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: September 1, 2003 – October 30, 2004
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$ 2,618,181

Co-Principal Investigator for award #MDA972-03-C0092
Grantor: Titan Corporation
Grantee: University of South Florida, Center for Biological Defense
Contract Period: August 31, 2003 – December 31, 2003
Title: Testing the Effectiveness of the Binary Ionization Technology
Funding: \$ 71,000

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, SBCCOM
Contract Period: November 1, 2002 – October 30, 2003
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$2,400,000

Co-Principal Investigator for award #DAAD13-01C-0043
Grantor: U.S. Dept. of Defense, SBCCOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 1, 2001 – September 30, 2002
Title: Enhancement of Public Health Preparedness Against Bioterrorism: Strategic Approaches to Rapid Surveillance, Detection, and Protection Against Potential Biological Pathogens
Funding: \$1,995,478

Co-Principal Investigator for contract number DAAD13-00-C0045
Grantor: U.S. Dept. of Defense, SBCCOM
Grantee: University of South Florida, Center for Biological Defense
Contract Period: October 1, 2000 – April 30, 2002
Title: Enhancement of Public Health Preparedness for Dealing with Bioterrorism
Funding: \$1,213,000

AWARDS AND HONORS

Recipient of the Award of Excellence as a Laboratory Director (2010), presented by U.S. Department of Homeland Security
Recipient of the Gold Standard for Public Health Laboratory Excellence Award (2005), presented by the Association of Public Health Laboratories
Selby Foundation Scholar (1972 and 1973)
Recipient of the Homer D. Venters Award for Outstanding and Exemplary Service in the Field of Public Health (1978), presented by the Florida Public Health Association
Recipient of the 1995 Gary Saunders Memorial Award for Outstanding Community Service, presented by the Florida Region of Sertoma International
Recipient of the Distinguished Service in Infectious Disease Community Award (2002), presented by the Univ. of So. Florida College of Medicine, Division of Infectious Diseases, Tampa, FL

PATENTS

Ewert, M., Amuso, P.T. and Cannons, A.C. (2002) Early detection of pathogens in blood. U.S. patent no. 2005/0014128 A1.

PUBLICATIONS

1. King, D., Luna, V., Cannons, A., Amuso, P. (2010) Procurement of spore-free *Bacillus anthracis* for molecular typing outside of BSL3 environment. *J Appl Microbiol.* 2010 May;108(5):1817-27.
2. Tatavarthy, A., Peak, K., Veguilla, W., Cutting, T., Harwood, V., Roberts, J., Amuso, P., Cattani, J. and Cannons, A. (2009) An Accelerated Method for Isolation of *Salmonella enteric* Serotype Typhimurium from Artificially Contaminated Foods, Using a Short Preenrichment, Immunomagnetic Separation, and Xylose-Lysine-Desoxycholate Agar (6IX Method). *Journal of Food Protection.* 72: 583-590.
3. Veguilla, W., Peak, K., Roberts, J., Luna, V., Davis, C., Cannons, A., Amuso, P., Cattani, J. (2008) Two-year study evaluating the potential loss of methicillin resistance in a methicillin-resistant *Staphylococcus aureus* culture collection. *Journal of Clinical Microbiology.* 46: 3494-3497
4. Carisa Davis. (2008) Pandemic *Vibrio parahaemolyticus*: Defining strains using molecular typing and a growth advantage at lower temperatures. Ph.D. Dissertation, University of South Florida. 2008 (Committee member)
5. Luna, V., Cannons, A., Amuso, P., and Cattani, J. The Inactivation and Removal of Airborne *Bacillus atrophaeus* Endospores from Air Circulation Systems Using UVC and HEPA Filters. *Journal of Applied Microbiology.* 2008; 104: 489 – 498.
6. Davis, C., Wingfield, D., Peak, K., Veguilla, W., Amuso, P., Cannons, A. and Cattani, J. Molecular Characterization of *Vibrio parahaemolyticus* Strains Associated with Foodborne Illness in Florida. *Journal of Food Protection.* 2007; 70: 2396 – 2401.
7. K. K. Peak, K. E. Duncan, W. Veguilla, V. A. Luna, D. S. King, L. Heller, L. Heberlein-Larson, F. Reeves, A. C. Cannons, P. Amuso and J. Cattani. 2007 *Bacillus acidicer* sp. nov., isolated from a forensic specimen, containing *Bacillus anthracis* pX02 genes. *International Journal of Systematic and Evolutionary Microbiology*, Sept. 2007, Vol. 57, part 7, p. 2031-2036.

8. Luna, V., King, D., Gullledge, J., Cannons, A., Amuso, P., and Cattani, J. Susceptibility of *Bacillus anthracis*, *Bacillus cereus*, *Bacillus mycoides*, *Bacillus pseudomycooides* and *Bacillus thuringiensis* to 24 Antimicrobials Using Sensititre® Automated Microbroth Dilution and Etest® Agar Gradient Diffusion Methods. *Journal of Antimicrobial Chemotherapy*. 2007; 60: 555 – 567.
9. Luna, V. A., D.S. King, K.K. Peak, F. Reeves, L. Heberlein-Larson, W. Veguilla, L. Heller, K.E. Duncan, A.C. Cannons, P.A. Amuso, J. Cattani. *Bacillus anthracis* Virulent Plasmid pX02 Genes Found in Large Plasmids of Two Other *Bacillus* Species. *Journal of Clinical Microbiology*, July 2006, Vol. 44, No.7, p. 2367-2377.
10. Roberts, J., Cannons, A., Amuso, P., and Cattani, J. Virtual Digest of Secondary Enzymes for Use in Pulsed-Field Gel Electrophoresis of *S. aureus*. *Journal of Microbiological Methods*. 2006; 66(2): 362 – 368.
11. Tatavarthy, A., Peak, K.K., Veguilla, W., Reeves, F., Cannons, A., Amuso, P., and Cattani, J. Comparison of Antibiotic Susceptibility Profiles and Molecular Typing Patterns of Clinical and Environmental *Salmonella enterica* Serotype Newport. *Journal of Food Protection*. 2006; 69: 749-756.
12. Roberts, J., Peak, K., Veguilla, W., Cannons, A., Amuso, P., and Cattani, J. Community-Associated Methicillin-Resistant *Staphylococcus aureus* Epidemic Clone USA300 Demonstrated in Isolates from Florida and Washington. *Journal of Clinical Microbiology*. 2006; 44: 225-226.
13. Luna, V., Peak, K., Veguilla, W., Reeves, F., Larson, L., Cannons, A., Amuso, P. and Cattani, J. Use of Two Selective Media and Broth Motility Test Can Aid in Identification or Exclusion of *Bacillus anthracis*. *Journal of Clinical Microbiology*. 2005; 43: 4336-4341.
14. Davis, C., Heller, L., Peak, K., Wingfield, D., Goldstein-Hart, C., Bodager, D., Cannons, A., Amuso, P. and Cattani, J. Real-Time PCR Detection of the Thermostable Direct Hemolysin and Thermolabile Hemolysin Genes in a *Vibrio parahaemolyticus* Cultured from Mussels and Mussel Homogenate Associated with a Foodborne Outbreak. *Journal of Food Protection*. 2004; 67: 1005-1008.
15. King, D., Luna, V., Cannons, A., Amuso, P. and Cattani, J. Performance Assessment of Three Commercial Assays for Direct Detection of *Bacillus anthracis* Spores. *Journal of Clinical Microbiology*. 2003; 41: 3454-3455.
16. Luna, V., King, D., Davis, C., Rycerz, A., Ewert, M., Cannons, A., Amuso, P. and Cattani, J. A novel sample preparation method for the safe and rapid detection of *Bacillus anthracis* spores in environmental powders and nasal swabs. *Journal of Clinical Microbiology*. 2003; 41: 1252-1255.
17. Heller, L., Davis, C., Peak, K., Wingfield, D., Cannons, A., Amuso, P., and Cattani, J. Comparison of DNA isolation methods from food samples for detection of shiga toxin producing *E. coli* by real time PCR. *Applied and Environmental Microbiology*. 2003; 69: 1844-1846.
18. Doctoral Dissertation: Feasibility Study of a Multiplex Polymerase Chain Reaction Assay for Detection of Herpes Simplex virus, *Haemophilus ducreyi*, and *Treponema pallidum* in a High Risk Population. 2000.
19. Wellings, F.M. P.T. Amuso, A.L. Lewis, M.J. Farmelo, D.J. Moody and C.L. Osikowicz. Pathogenic *Naegleria*: Distribution in Nature. U.S. Environmental Protection Agency 1979; 600/1-79-018.
20. Wellings, F.M., P.T. Amuso, S.L. Chang and A.L. Lewis. Isolation and Identification of Pathogenic *Naegleria* from Florida Lakes. *Applied and Environmental Microbiology*. 1977; 34: 661-667.
21. Wellings, F.M., A.L. Lewis, P.T. Amuso and S.L. Chang. *Naegleria* and Water Sports. *Lancet*. 1977; i: 199-200.

BOOK AND CHAPTERS

Cannons, A., Amuso, P., Anderson, B. Biotechnology and the Public Health Response to Bioterrorism. In: Anderson, B., Friedman, H., Bendinelli, M., ed. *Microorganisms and Bioterrorism*. New York: Springer, 2006.

INVITED PRESENTATIONS

1. Amuso, P. "Laboratory Response Network for Bioterrorism and Chemical Terrorism". Presentation at the FBI Weapons of Mass Destruction Basic Training Course, Ft. Lauderdale, FL, January 11, 2011.
2. Amuso, P. "The State of Public Health Laboratory Preparedness in Florida and the Nation". Presentation to Florida Department of Health leadership, Tallahassee, FL, May 5, 2010.
3. Amuso, P. "Ready or Not: Responding to Biological Terrorism, Chemical Terrorism and Emerging and Re-emerging Infectious Diseases". Presentation at a meeting of the Florida Fusion Center for Homeland Security, March 25, 2009.
4. Amuso, P. "Public Health Response to Bioterrorism and Public Health Emergencies: Laboratory Preparedness", Homeland Security Medical Executive Training Course, Reno, NV. July 9 – 13, 2007.
5. Amuso, P. "Public Health Response to Bioterrorism and Public Health Emergencies: Laboratory Preparedness", Homeland Security Medical Executive Training Course, Tampa, FL. June 12 – 16, 2006.
6. Amuso, P. "Public Health Response to Bioterrorism and Public Health Emergencies", Homeland Security Medical Executive Training Course, Austin Texas. June 13 – 17, 2005.
7. Amuso, P. "Strength in Partnerships: Public Health Preparedness and Biodefense", 6th Annual Biodefense Consortium Meeting, Clearwater, Florida. May 31 – June 3, 2005.
8. Amuso, P. "Combating Bioterrorism: Florida's Strategic Plan", Homeland Security Medical Executive Training Course, Austin Texas. June 21 – 25, 2004.
9. Amuso, P. "Laboratory Preparedness and Response to Biological and Chemical Terrorism". A live television broadcast from the studios of Florida State University, Tallahassee, FL, June 15, 2004
10. Amuso, P. "Assisting the Laboratory Response Network", 5th Annual Biodefense Consortium Meeting, Clearwater, Florida. May 11 - 14, 2004.
11. Amuso, P. and M. Ritchie "Laboratory Capacity Building for Response to Bioterrorism and Chemical Terrorism". First Annual CDC Region IV Preparedness and Response Conference, Philadelphia, Mississippi. March 28 - April 1, 2004
12. Amuso, P. "Public Health Response to Biological and Chemical Terrorism." 5th Annual Conference on Managing Global Threats, Tampa, Florida. January 28, 2004.
13. Amuso, P. "Public Health Preparedness for Bioterrorism: Lab Capacity." Annual Meeting of the Florida Society for Medical Technology, Hollywood, Florida. September 6, 2003.
14. Amuso, P. "The Role of the Bureau of Laboratories in Florida." Conference of Health Department Planners and Trainers, Tampa, Florida. April 15, 2003.
15. Amuso, P. "Bioterrorism: The Public Health Laboratory as a Resource for Local Government." Seminar for retired university employees, University of South Florida, Tampa, Florida. June 11, 2002.
16. Amuso, P. "Bioterrorism: The Public Health Laboratory as a Resource for Local Government." Suncoast League of Municipalities 17th Annual Meeting, Plantation Inn and Golf Resort, Crystal River, Florida. June 1, 2002.

17. Amuso, P. "Role of the State Laboratory in Response to Bioterrorism." Physicians Office Laboratory Conference, Wyndom Harbor Island Hotel, Tampa, Florida. February 12, 2002.
18. Amuso, P. "Role of the State Laboratory in Response to Bioterrorism." Grand Rounds at All Children's Hospital, St. Petersburg, Florida. November 30, 2001.
19. Amuso, P. "Role of the State Laboratory in Response to Bioterrorism." Grand Rounds at St. Joseph's Hospital, Tampa, Florida. November 26, 2001.
20. Amuso, P. "The State Public Health Laboratory's Role in Response to Bioterrorism." Conference on Bioterrorism for the Medical Practitioner. University of South Florida Health Sciences Center, Tampa, Florida. November 10, 2001.
21. Amuso, P. "The State Public Health Laboratory's Role in Response to Bioterrorism." City of Tampa Safety Seminar, Tampa, Florida. November 8, 2001.
22. Amuso, P. "Public Health and Anthrax in Florida: A Report and Recommendations". Sponsored by the Florida Center for Public Health Preparedness at the University of South Florida College of Public Health October 11, 2001.
23. Amuso, P.T. Confirmation of *Neisseria gonorrhoeae* by Carbohydrate Degradation and Co-agglutination Techniques: A comparative Study. 1981. Presented at the Annual Meeting of the Florida Public Health Association, Ft. Lauderdale, Florida.
24. Amuso, P. Participated on a panel for TV Channel 8. Topic: "Bioterrorism and Infectious Diseases." Tampa, Florida. November 7, 2001.
25. Amuso, P.T. and F.M. Wellings. 1980. The Attenuation of Pathogenic *Naegleria*. Presented at the Second International Conference on Small Free-Living Amoebae, Univ. of Florida, Gainesville, Florida.

ABSTRACTS

1. Tatavarthy, A., Peak, K., Veguilla, W., Sanderson, R., Scilabro, G., Amuso, P., and Cannons, A. (2010) Molecular Typing and Antibiotic Resistance Analysis of *Salmonella enterica* Serotype Typhi. Poster presentation at the American Society for Microbiology, San Diego, CA, Annual General Meeting.
2. King, D., Luna, V., Cannons, A, and Amuso, P. 2009. Growth of *Bacillus anthracis* Under Asporogenous Conditions for Removal Outside of the BSL-3 Environment. American Society for Microbiology, Philadelphia, PA, Annual General Meeting
3. Peak, K., Duncan, K., Veguilla, W., Luna, V., King, D., McCarthy, P., Cannons, A., and Amuso, P. (2009) Putative Signature Sequences Used to Clarify the Phylogenetic Relationships among Strains Closely Related to Proposed *Bacillus similicirculans* sp. nov. American Society for Microbiology, Philadelphia, PA, Annual General Meeting
4. Roberts, J., Peak, K., Veguilla, W., Amuso, P., and Cannons, A. (2009) Characterization of Methicillin-Resistant *Staphylococcus aureus* Epidemic Clone USA100 Isolates Identified Among Strains Collected for Community-associated *Staphylococcus* Studies. American Society for Microbiology, Philadelphia, PA, Annual General Meeting
5. Tatavarthy, A., Amuso, P., and Cannons, A. (2009) Real-time PCR detection of *Salmonella* species using a novel target: the outer membrane protein F (OmpF) gene. American Society for Microbiology, Philadelphia, PA, Annual General Meeting
6. Davis, C., Koomen, J. Amuso, P., Cannons, A., & Cattani, J. 2008. Identification of cold shock proteins affecting differential growth of pandemic *Vibrio parahaemolyticus* grown at 12°C. American Society for Microbiology, Boston, MA, Annual General Meeting.
7. King, D., Luna, V., Cannons, A., Amuso, P., & Cattani, J. 2008. A method for Growing *Bacillus anthracis* in a spore-free culture for use in molecular applications outside of the Bio Safety Level 3 environment. American Society for Microbiology, Boston, MA, Annual General Meeting.

8. Peak, K., Duncan, K., Veguilla, W., Luna, V., King, D., Heller, L., Heberlein-Larson, L., Reeves, F., Cannons, A., Amuso, P., & Cattani, J. 2008. *Bacillus sp.* bearing *B. anthracis* pX02 genes is closely related to *B. circulans* and *B. nealsonii*. American Society for Microbiology, Boston, MA, Annual General Meeting.
9. Roberts, J., Tatavarthy, A., Cannons, A., Amuso, P., and Cattani, J. 2008. Multilocus Sequence Typing for Characterization of Salmonella Strains Using a Unique Combination of Housekeeping and Virulence Genes. American Society for Microbiology, Boston, MA, Annual General Meeting.
10. Tatavarthy, A., Peak, K., Cutting, T., Veguilla, W., Roberts, J., Amuso, P., Cattani, J., and Cannons, A. 2008. Accelerated isolation of Salmonella enterica serotype Typhimurium from artificially contaminated foods using a short pre-enrichment, immunomagnetic separation and Xylose media (6IX method). American Society for Microbiology, Boston, MA, Annual General Meeting.
11. Davis, C., Koomen, J., Cannons, A., Amuso, P. and Cattani, J. 2007. Temperature Specific Proteomic Comparison of Pandemic and Non-pandemic strains of *Vibrio parahaemolyticus*. Accepted for presentation at the Annual Meeting of the American Society for Microbiology, Toronto, Canada. Abstr. Ann. Meeting.
12. Krueger, R., Sweat, J., Butler, A., van Olphen, A., Cannons, A., Stark, L., Amuso, P. and Cattani, J. 2007. Nucleic Acid Based Detection and Subtyping of Influenza A Virus Using Fluorescent Microspheres. Accepted for presentation at the Annual Meeting of the American Society for Microbiology, Toronto, Canada. Abstr. Ann. Meeting.
13. Peak, K., Luna, V., Veguilla, W., Cannons, A., Amuso, P. and Cattani, J. 2007. Presentation and Preservation of Arcing Radial Filament Production by *Bacillus mycoides* and *B. pseudomycoides* on Reduced Strength R2A Medium. Accepted for presentation at the Annual Meeting of the American Society for Microbiology, Toronto, Canada. Abstr. Ann. Meeting.
14. Roberts, J., Cannons, A., Amuso, P. and Cattani, J. 2007. Sequence-Based Characterization of Community-acquired Methicillin-Resistant *Staphylococcus aureus* Isolates is Often Unsuccessful Due to Limited Genetic Diversity Among the Strains. Accepted for presentation at the Annual Meeting of the American Society for Microbiology, Toronto, Canada. Abstr. Ann. Meeting.
15. Veguilla, W., Peak, K., Luna, V., Roberts, J., Cannons, A., Amuso, P. and Cattani, J. 2007. Progress Report on a Two Year Study of MRSA Strains for Loss of *mecA* during Cryostorage in TSB with 10% Glycerol and in the Microbank™ Bead-based Bacterial Preservation System. Accepted for presentation at the Annual Meeting of the American Society for Microbiology, Toronto, Canada. Abstr. Ann. Meeting.
16. Roberts, J., Cannons, A. P. Amuso. 2006. Pulsed-Field Gel Electrophoresis, Multilocus Sequence Typing and Staphylococcal Protein A Gene Sequencing to Characterize Community-acquired Methicillin-Resistant *Staphylococcus aureus*. Presented at the Annual Meeting of the American Society for Microbiology, Orlando, FL. Abstr. Ann. Meeting
17. Davis, C., Wingfield, D., Peak, K., Veguilla, W., Cannons, A., Amuso, P., Cattani, J. 2006. Molecular Characterization of *Vibrio parahaemolyticus* Isolates Associated with Food Borne Illness in Florida. Presented at the Annual Meeting of the American Society for Microbiology, Orlando, FL. Abstr. Ann. Meeting
18. Peak, K., Veguilla, W., Luna, V., Roberts, J., Cannons, A., Amuso, P., Cattani, J. 2006. Evaluation of MRSA Strains for Loss of *mecA* during Cryostorage in TSB with 10% Glycerol and in the Microbank™ Bacterial Preservation System. Presented at the Annual Meeting of the American Society for Microbiology, Orlando, FL. Abstr. Ann. Meeting
19. Roberts, J., Cannons, A. P. Amuso. 2006. Pulsed-Field Gel Electrophoresis, Multilocus Sequence Typing. Presented at the Annual Meeting of the American Society for Microbiology, Atlanta, GA. Abstr. Ann. Meeting
20. Luna, V., King, D., Peak, K., Veguilla, W., Reeves, F., Heberlein-Larson, L., Cannons, A., Amuso, P., Cattani, J. *Bacillus anthracis* pX02 Plasmid ORFs Identified and Sequenced from 2 Soil *Bacillus* species. ASM Biodefense Washington DC, Feb. 2006

21. Peak, K., Duncan, K., Veguilla, W., Luna, V., King, D., Heller, L., Heberlein-Larson, L., Reeves, F., Cannons, A., Amuso, P., Cattani, J. Identification of Two Soil *Bacillus spp.* Containing *Bacillus anthracis* pX02 Genes and ORFs. ASM Biodefense Washington DC, Feb. 2006
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