

City of Memphis



TENNESSEE

A C WHARTON, JR.
MAYOR

May 26, 2011

The Honorable Harold Collins, Chairman
Personnel, Intergovernmental & Annexation Committee
City Hall - Room 514
Memphis, TN 38103

Dear Chairman Collins:

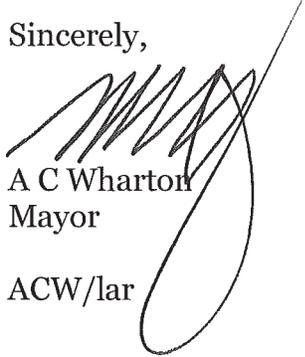
Subject to Council approval, it is my recommendation that:

Tyler Zerwekh

be appointed to the Memphis and Shelby County Cross Connection Board with a term
expiring October 31, 2011.

I have attached biographical information.

Sincerely,


A C Wharton
Mayor

ACW/lar

c: Council Members



City of Memphis

BIOGRAPHICAL INFORMATION APPOINTMENT TO BOARD/COMMISSION

Cross Connection
BOARD/COMMISSION

Name: TYLER ZERWEKH Race WHITE M F

E-Mail Address: TYLER.ZERWEKH@SHELBYCOUNTYTN.GOV Fax 901-544-7599

Profession/Employer: ADMINISTRATOR / SHELBY COUNTY HEALTH DEPARTMENT

Business Address: 814 JEFFERSON AVE., RM. 125 Zip 38105 Phone: 901-544-7582

Education: B.S. - PSYCHOLOGY, MASTERS IN PUBLIC HEALTH, DOCTORATE IN PUBLIC

Name of Spouse: CASSI SENTER ZERWEKH Number of Children: 1

Home Address: 382 HOLMES CIRCLE Phone: 901-484-8746

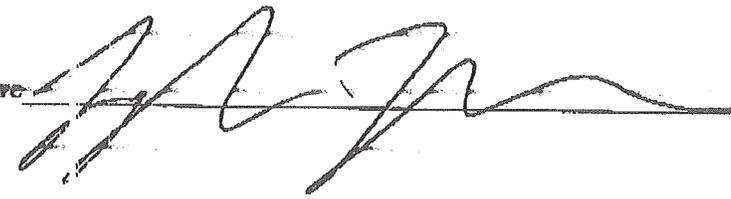
City: MEMPHIS State: TN Zip: 38111

I certify that I am a resident of the City of Memphis (Unincorporated areas and surrounding counties are not considered). Yes or No If yes, how long? 4 YRS

Professional Organization/Associations:

Other Organizations/Association:

Other Interests:

Signature:  Date: 5/24/11

Jason Tyler Zerwekh
382 Holmes Circle
Memphis, TN 38111
(901) 508-7360
Tyler.Zerwekh@shelbycountytn.gov
tzerwekh@gmail.com



EDUCATION

- 2000- 2003 University of Texas Health Science Center - Houston
School of Public Health
Degree: Doctorate in Public Health - Disease Control
Concentration: Epidemiology
- 1998-2000 University of Texas Health Science Center - Houston
School of Public Health
Degree: Masters in Public Health – Occupational Health
Concentration: Emergency Response
- 1993-1997 Texas Tech University, Lubbock, Texas
Major: Psychology
Minor: Chemistry
Degree: B.A.

EMPLOYMENT HISTORY

- 2008-present Administrator
Memphis and Shelby County Health Department
Environmental Health Services Bureau

Responsibilities include: Management and supervision of the four divisions under environmental public health: vector control, pollution control, environmental sanitation, and public health emergency preparedness. Develops policies, work procedures, and practices for the Bureau; directs the work of a field staff, in accordance with departmental and County policies and contracts, who inspect and license various private businesses and governmental operations whose activities have a relationship to protection of public health by the prevention of environmental health (EH) hazards and/or nuisances; develops and recommends the annual budget for the Bureau and monitors its implementation; drafts policies, code revisions, desired legislation, and reports to accomplish goals; supervises the training, orientation and evaluation of employees; conducts research, prepares and submits proposed budgets and special or recurring reports pertaining to activities of the Bureau; participates, as departmental representative, in various committees, conferences, professional meetings, and public hearings; addresses community groups on topics relating to EH protection and serves as a consultant to groups and individuals seeking information on environmental public health requirements and practices; works with community groups to further the prevention and control of EH hazards beyond what can be accomplished with traditional EH practice; assists other managers with responding to EH problems that may be encountered. Serves as the Emergency Services Coordinator for ESF-8 in the Shelby County Emergency Operations Center.

2007-2008

Regional Hospital Coordinator
Memphis and Shelby County Health Department
Public Health Emergency Preparedness Program

Responsibilities include: Coordination and collaboration with the region's 19 acute care hospitals for items related to emergency preparedness. Works in collaboration with Memphis Fire Department in efficient and efficacious management of emergency room activities like ambulance/ER diversion and surge capacity. Supervises and advises the HRSA and Joint Commission activities and requirements under emergency preparedness for each of the hospital facilities. Chairs the Shelby Regional Hospital Disaster Council. Member of the Metropolitan Medical Response System Working Group. Oversees the CHEMPACK cache for the Memphis and Shelby County region. Serves as a member of the Urban Area Security Initiative working group. **Served as the Cities Readiness Initiative Coordinator for the CDC Memphis Statistical Area.**

2004-2006

Bioterrorism Epidemiologist
Hawaii Department of Health, Kauai District Health Office
Division of Communicable Diseases

Responsibilities include: Development and implementation of all public health preparedness and response activities related to potential weapons of mass destruction for the island of Kauai. As Section Head, responsible for the daily surveillance of all reportable infectious diseases and the development and active surveillance for potential agents of bioterrorism. Initiated the Epidemic Outbreak Preparedness Committee which was responsible for the coordination of an island wide response in the event of an outbreak. Coordinated with clinical staff around the island for efficient disease reporting and effective disease surveillance. Departmental Safety coordinator. Implemented a department wide respiratory fit-testing program.

2001-2004

Safety Specialist
University of Texas Health Science Center - Houston
Environmental Health and Safety, Biosafety Division

Responsibilities include: A position requested by the Director of EHS to create and then develop bioterrorism preparedness and response efforts to the Texas Medical Center (TMC). Training of clinicians and laboratory personnel regarding the agents, clinical signs, and analysis of CDC's select list of potential bioterrorism agents. Initiated procedures for the delegation of, and testing capabilities of the TMC, and refined inter-agency communication with officers in contact with the TMC. Created a Level A Laboratory capability for ruling out anthrax mail hoaxes in the TMC. Actively participated in CDC Select Agent registration. Extensive experience in reviewing and presenting biological safety protocols to the UT-Houston Institutional Biosafety Committee (IBC) and Animal Welfare Committee (AWC). Experience with IRB/CPHS and biological agent approval. Regular biological and safety laboratory inspections.

1999-2000

Student Intern
Bureau of Laboratory Services
Houston Department of Health and Human Services

Responsibilities include: This position was part of a practicum completed during the summer that ended as a position that entailed setting up the clinical laboratory response to bioterrorism. Tasks included creating and revising assays for PCR, Fluorescent Antibody Microscopy, phage lysis for potential BT agents. General microbiological work, including culturing, isolation, identification, and research of infectious agents regarding newer techniques. Created written

protocols for the management, analysis, transportation, and storage of agents for response to bioterrorism. Member of Bioterrorism Preparedness Committee.

1999-2001

Graduate Research Assistant, Laboratory Manager
Centers for Infectious Diseases
University of Texas – School of Public Health, Houston, TX

Responsibilities include: lab work involving serologic testing for various infectious agents including STD's: RPR, ELISA, PCR, ALT, and Western blot techniques, maintenance of lab equipment, data entry, procurement of lab supplies, assistance in various activities. Experience in fieldwork regarding federally funded studies.

REFERENCES

Available upon request.

CURRICULUM VITAE
August 2010

NAME: Jason Tyler Zerwekh, Dr.P.H., M.P.H., B.A.

DATE/PLACE OF BIRTH: July 2, 1975
Tucson, AZ

ADDRESSES:

Offices

Memphis and Shelby County Health Department
Deputy Administrator
Environmental Health Bureau
814 Jefferson Ave.
Memphis, TN 38105
(901) 544-7734
(901) 508-7360 (cell)
Tyler.Zerwekh@shelbycountyttn.gov

Home

382 Holmes Circle
Memphis, TN 38111
(901) 508-7360

EDUCATION:

Undergraduate

Texas Tech University
Lubbock, TX
Bachelor of Arts in
Psychology, 1997

Graduate

University of Texas Health Science
Center – Houston, School of Public Health
Houston, TX
Master of Public Health,
Occupational Health Program, 2000

University of Texas Health Science
Center – Houston, School of Public Health
Houston, TX
Doctor of Public Health,
Disease Control, 2003

CURRENT ACADEMIC APPOINTMENTS:

Adjunct Faculty, University of Memphis, Department of Health Sciences, 2007-present.

Adjunct Faculty, Eastern Carolina University, Department of Environmental Health Sciences, 2003-present.

Faculty, University of Phoenix, Department of Health Care Sciences, 2003-present.

CURRENT ADMINISTRATIVE APPOINTMENTS:

Administrator, Environmental Health Bureau, Shelby County Health Department, 2008-present.

RELEVANT EXPERIENCE (including past appointments)

Regional Hospital Coordinator, Memphis and Shelby County Health Department, 2007-2008.

County Epidemiologist, Kauai District Health Office, Hawaii Department of Health, 2004-present.

Bioterrorism/All Hazards Preparedness Planner, Kauai District Health Office, Hawaii Department of Health, 2004-present.

Safety Specialist, Environmental Health & Safety, University of Texas-Houston Health Science Center 2001-2004

Laboratory Manager, Centers for Infectious Diseases, University of Texas Health Science Center, Houston – School of Public Health, Houston, TX, December 1998 – February 2001

Laboratory Technician, City of Houston Department of Health and Human Services, Bureau of Laboratory Services, Houston, TX, April 1999-August 2000.

INTERNAL COMMITTEE MEMBERSHIP AND SERVICE

Kauai District Health Office

Aloha Committee 2004-present
 Safety Committee 2004-present (Departmental Safety Coordinator)

University of Texas-Houston Health Science Center

Institutional Biosafety Committee 2001-2004
 Bioterrorism Task Force Team 2001 - 2004

EXTERNAL COMMITTEE MEMBERSHIPS

Memphis and Shelby County Health Department

Local Emergency Planning Committee, 2007-present
 MMRS Working Group, 2007-present
 Shelby Regional Hospital Disaster Council, 2007-present
 UASI Working Group, 2007-present
 Memphis MSA Cities Readiness Initiative Coordinator, 2007-present

City of Houston Department of Health

Bioterrorism Preparedness Committee 1999-2000

PROFESSIONAL SOCIETY MEMBERSHIPS

Tennessee Public Health Association
 American Public Health Association
 American Biological Safety Association
 Hawaii Pacific Health Association
 National Environmental Health Association

CURRENT ACADEMIC INSTRUCTION

Univiersity of Memphis

PH 510 – Introduction to Biostatistics

University of Phoenix

HCS 535 – Concepts of Population Health

HCS 544 – Current Issues in Health Law and Ethics
HCS 255 – Environmental Microbiology
HCS 220 – Human Nutrition

PREVIOUS ACADEMIC INSTRUCTION

East Carolina University

EHST 6120 – Biological Safety (lead instructor)

University of Texas Health Science Center Houston – School of Public Health

PH 3998 – Public Health Preparedness (guest lecturer)
PH 6998 – Vaccinology (guest lecturer)
PH 6998 – Topics in Microbiology and Immunology (guest lecturer)

University of Houston-Clear Lake

INDH 3133 – Industrial Laboratory Safety (guest lecturer)

Kauai Community College

HPER 195 – Modern Health: Personal and Community
FSER 103 – Sanitation and Safety (guest lecturer)

University of Hawaii

PH 792 – Biosecurity, Bioterrorism, and Bioagents
PH 696 – Advances in Bioterrorism Surveillance and Outbreak Investigation

OTHER STUDENT SERVICE AND SUPPORT

Adjunct Professor, Thesis Committee – University of Memphis, School of Public Health

CONTINUING EDUCATION INSTRUCTION AND OTHER TRAINING

Centers for Disease Control and Prevention

Environmental Public Health Leadership Institute, 2007-present.

National Emergency Training Center, Emmitsburg, MD

Consequences of Terrorism, January 2003

Healthcare Leadership Course, November, 2005, December, 2007

Hawaii Department of Health, Kauai District Health Office

Basic Disaster Life Support Training, June 2004

National Incident Management System

ICS-100

ICS-200

ICS-700

ICS-800

ICS-300/400

PUBLICATIONS

Refereed journals and publications

Zerwekh, JT, Emery, RJ, Waring, SC, Lillibridge, S, "Using the Results of Routine Laboratory Workplace Surveillance Activities to Assess Compliance with Recommended Biosafety Guidelines" *Applied Biosafety*, 2004, 9(2): 76-83.

Zerwekh JT, et. al. Mass medication modeling in response to public health emergencies: outcomes of a drive-thru exercise. *J Public Health Management Practice*. Jan/Feb 2007 13(1).

Zerwekh, JT, Hunt JA. Carbon monoxide exposure in employees performing a drive-thru mass dispensing clinic. *J Public Health Management Practice*. (in press)

Book chapters

Zerwekh, JT, Emery, RJ, "The Laboratory Response to Bioterrorism", chapter in The Encyclopedia of Bioterrorism, Monterrey Institute of Non-Proliferation Studies, Wiley and Sons, 2005.

Zerwekh, JT, Waring, SC, "The Epidemiology of Bioterrorism", chapter in The Encyclopedia of Bioterrorism, Monterrey Institute of Non-Proliferation Studies, Wiley and Sons, 2005.

Zerwekh, T. "An Overview of Biosecurity and Biosafety: The Issues and Pitfalls", chapter in Bioevent Disasters and the Public Health, Springer Press, *in press*.

Zerwekh, T. "Emergency Preparedness." chapter in Nursing Today: Transition and Trends, 6th edition, Saunders/Elsevier, 2008.

Zerwekh, JT, Emery, RJ, "The Laboratory Response to Bioterrorism", chapter in The Encyclopedia of Bioterrorism, 2nd edition. Monterrey Institute of Non-Proliferation Studies, Wiley and Sons, 2010.

Zerwekh, JT, Waring, SC, "The Epidemiology of Bioterrorism", chapter in The Encyclopedia of Bioterrorism, 2nd edition. Monterrey Institute of Non-Proliferation Studies, Wiley and Sons, 2010.

Zerwekh, T. "Emergency Preparedness." chapter in Nursing Today: Transition and Trends, 7th edition, Saunders/Elsevier, 2010.

FUNDED GRANTS:

CURRENT AREAS OF RESEARCH INTEREST:

1. Environmental Health
2. Epidemiology
3. Public Health Preparedness
4. Emergency Response
5. Biological Safety

SELECTED PRESENTATIONS:

University of Texas Health Science Center – Houston, School of Public Health Seminar Series, “An Introduction to Bioterrorism.” Houston, TX, October, 2001.

University of Texas Health Science Center – Houston, “Responding to the Current Mail Terrorism Threat: Anthrax in the Mail,” Houston, TX, November, 2001.

United States Postal Service Inspector Generals, Gulf Coast Division, “Responding to the Current Mail Terrorism Threat: Anthrax in the Mail,” Houston, TX, December, 2001.

University of Texas-System Risk Management Conference, “Responding to the Current Mail Terrorism Threat: Anthrax in the Mail,” Dallas, TX, December, 2001.

University of Texas Health Science Center, Environmental Health & Safety Academy Conference, “Bioterrorism and Public Health Implications,” Houston, TX, March, 2002.

American Biological Safety Association Conference, “Responding to the Current Mail Terrorism Threat: Anthrax in the Mail,” San Francisco, CA, October, 2002.

American Industrial Hygiene Association Conference, “Bioterrorism and the Select Agent Rule,” Houston, TX, March, 2003.

University of Texas Health Science Center, Environmental Health & Safety Academy Conference, “Bioterrorism and Public Health Implications,” Houston, TX, March, 2004.

Wilcox Memorial Hospital, “Vaccine Update and Recommended Guidelines for Child, Adolescent, and Adult Immunizations,” Continuing Medical Education Credit Seminar, Lihue, HI, January, 2005.

Wilcox Memorial Hospital, “Hepatitis C: Current Trends and Issues in Treatment and Prevention,” Continuing Medical Education Credit Seminar, Lihue, HI, March, 2005.

American Biological Safety Association Conference, “Using the Results of Routine Laboratory Workplace Surveillance Activities to Assess Compliance with Recommended Biosafety Guidelines”, Vancouver, British Columbia, October 2005.

Hawaii Department of Health, “SNS Drive-Thru Clinic Operations: An Analysis and After Action Report”, Honolulu, HI. June 2006.

National Public Health Preparedness Summit, “Mass Medication Modeling and Public Health Emergencies – Where Do We Go From Here?”, Washington DC, February 2007.

Tri-Partners in Preparedness Local Emergency Planning Committee Conference, “Mass Medication Dispensing in Healthcare Facilities”, Tunica, MS, November 2007.

National Public Health Preparedness Summit, “Tackling the Cities Readiness Initiative Technical Assistance Review: Lessons Learned from a Table Two City.” Atlanta, GA, February 2008.

National Environmental Health Association Conference, “Gimme Shelter: An Environmental Sanitation Response to Hurricane Gustav Evacuees.”, Atlanta, GA, October 2009.

National Public Health Preparedness Summit, “Mass Dispensing Across State Borders”, Atlanta, GA, February, 2010.

AWARDS

Dean’s List – Texas Tech University, May 1994, May 1995, May 1996

President’s List – Texas Tech University, May 1997

Frank Killian scholarship recipient for outstanding work in the Occupational Health module, UT-Houston School of Public Health, 1998

James H. Steele scholarship recipient for outstanding work in the Disease Control module, UT-Houston School of Public Health, 2001

MEMPHIS & SHELBY COUNTY CROSS CONNECTION BOARD

8 Member Board

(4) City & (4) County

3 Year Term

Cook, Cindy (City) Industry Representative	F/W	10-31-11	3yr. Term
LaChapelle, Norman (City) Health Dept.	M/W	10-31-08	3yr. Term
McCormick, John (City) Citizen Representative	M/W	05-01-12	3yr. Term
Johnson, Jr., Odell (City) Water Purveyor	M/W	10-31-11	3yr. Term