

James Thomas Murphy, MPH

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EDUCATION

Boston University School of Medicine and Public Health

Masters of Public Health (MPH), May 1991

Majors: Epidemiology and Biostatistics

Health Behavior, Health Promotion, and Disease Prevention

The University of Chicago

Bachelor of Arts (BA), June 1987

Major: Biological Sciences

PROFESSIONAL EXPERIENCE

Director HIV/AIDS Surveillance Program. June 2001 to present.

Bureau of Communicable Disease Control.

Massachusetts Department of Public Health, Boston, Massachusetts.

Direct all fiscal and administrative components of the HIV/AIDS Surveillance Program of the Bureau of Communicable Disease Control. Prepare annual and supplementary budget requests to the Federal Centers for Disease Control and Prevention (CDC) in Atlanta. Prepare annual program reports and epidemiological profile for submission to CDC. *HIV Surveillance*—quality control, training, evaluation and assurance for HIV surveillance in adults/adolescents throughout Massachusetts using a model non-named coded identifier reporting system. *AIDS Surveillance*—reporting and case follow-up of all people living in Massachusetts with an AIDS diagnosis. *Enhanced Surveillance of Perinatal Transmission of HIV*—medical record review of HIV-positive women giving birth in the state of Massachusetts. *Enhanced Surveillance to Examine Progression to AIDS and Death in the Era of Highly Active Antiretroviral Therapy*—supplemental medical record abstraction for persons diagnosed with AIDS in 1999 and reported to the HIV/AIDS Surveillance Program in 2000 or persons previously diagnosed and reported with AIDS who died in 1999 whose deaths were recorded by the HIV/AIDS Surveillance Program in 2000. Performs personnel functions including supervision of staff of eight (four Epidemiologists, two Research Analysts, and two administrative support clerks), interviewing for vacancies, conducting performance evaluations, and initiating disciplinary actions as necessary. Acts as primary contact for HIV/AIDS surveillance on media-related issues. Serves as the primary contact to the HIV/AIDS Bureau, the Pediatric Spectrum of Disease Project, the Massachusetts HIV Prevention Planning Group, the Ryan White Services Planning Groups, the Boston Public Health Commission, and the Center for Community Health, Education and Research.

PROFESSIONAL EXPERIENCE continued

Director Office of HIV/AIDS Surveillance. July 1997 to May 2001.

Epidemiologist. January 1994 to June 1997.

Epidemiology Program.

Chicago Department of Public Health, Chicago, Illinois.

Directed HIV/AIDS surveillance and HIV serosurveillance activities for the city of Chicago Department of Public Health. Combined programs required direct supervision of staff of thirteen employees. Program funded through an annual cooperative agreement with CDC totaling \$1.75 million (FY2001). Funded program activities included: *Core HIV/AIDS Surveillance*; *Enhanced Surveillance of Perinatal Transmission of HIV*; *Enhanced Surveillance to Examine Progression to AIDS and Death in the Era of Highly Active Antiretroviral Therapy*; *HIV Incidence Studies among Illicit Drug Users in the Correctional System*; and *HIV Incidence Studies to Characterize Persons with Recent or Previously Undiagnosed HIV Infection*. Directed all fiscal and administrative components of combined programs. Directly supervised implementation and was responsible for overseeing daily administration of a non-named coded identifier reporting system for HIV infection in Chicago. Special research projects included; analysis of marked declines in HIV-related mortality in Chicago and characterization of HIV-related deaths for the years 1995-1997 (published in *Arch Intern Med*), identification and analysis of misclassification of heterosexual transmission among AIDS cases in Chicago (published in *J Acquir Immune Defic Syndr*), identification of origin of ethnicity among Hispanics diagnosed with AIDS and an analysis of the descriptive epidemiology among the identified ethnic subgroups (published in *J Acquir Immune Defic Syndr*), an analysis of previously undetected duplicate reporting within the HIV/AIDS Reporting System (HARS), and retrospective AIDS case identification for cases previously investigated and found not to be an AIDS case prior to the 1993 expansion of the CDC AIDS case definition. Routine duties included; matching of HARS with various other public health databases for case finding and to evaluate completeness of reporting, serving as technical advisor for the Chicago HIV Prevention Planning Group and the Chicago Area HIV Services Planning Council, serving as contributing editor of quarterly surveillance report (*AIDS Chicago*).

AIDS Epidemiologist. April 1993 to December 1993.

Bureau of Communicable Disease Control.

Massachusetts Department of Public Health, Boston, Massachusetts.

Duties comprised of the assurance of accurate and timely reporting of AIDS cases as well as analyzing the distribution and determinants of HIV/AIDS morbidity and mortality in the Commonwealth of Massachusetts. Projects included analysis of duplicate case reporting in HARS and identification of additional data on AIDS cases to facilitate the National Death Index Study. Assisted in the preparation of monthly statistical reports. Assisted in the writing of grant proposals, progress reports and the monthly AIDS surveillance newsletter.

PROFESSIONAL EXPERIENCE continued

Research Assistant. January 1988 to September 1999.

Infectious Disease Immunology Diagnostics Division.

Abbott Laboratories, Abbott Park, Illinois.

Duties mainly comprised research and development of techniques for the purification of HTLV-1 viral antigen used in Abbott's HTLV-1 EIA as well as other pathogen purification protocols.

Research Assistant. October 1994 to September 1987.

University of Chicago Medical Center, Chicago, Illinois.

Duties mainly comprised the purification of proteins derived from human and animal tissues for the use in neurological research and also performance of small animal surgery on mice, rats, and guinea pigs.

SKILLS

Computer proficiency in database management and analysis, desktop publishing, spreadsheet, word processing and presentation applications. Software proficiency with CDC's HIV/AIDS Reporting System (HARS), PRODA, SAS, ArcView GIS, Microsoft Word, Microsoft Excel, Microsoft Access, Microsoft PowerPoint, Corel WordPerfect, Corel Quattro Pro, and Corel Presentations.

PUBLICATIONS

Etkind P, Tang Y, Whelan M, Ratelle S, **Murphy J**, Sharnprapai S., DeMaria A. Estimating the sensitivity and specificity of matching name-based with non-name-based case registries. *Epidemiology and Infection* 2003; 131: 669-674.

Averbach A, Beatty M, Logan J, **Murphy J**, Rubinstein E, Verma B. An Epidemiologic Profile of HIV/AIDS in Massachusetts. *HIV/AIDS Bureau and Surveillance Programs of the Massachusetts Department of Public Health Official Publications*. November 2002.

Averbach A, Beatty M, Chikuba M, Goldberg L, Knowlton R, **Murphy J**, Rubinstein E, Verma B. An Epidemiologic Profile of HIV/AIDS in Massachusetts. *HIV/AIDS Bureau and Surveillance Programs of the Massachusetts Department of Public Health Official Publications*. September 2001.

Whitman S, **Murphy J**, Cohen M, Sherer R. Marked Declines in HIV-Related Mortality in Chicago in Women, African Americans, Hispanics, Young Adults and Injection Drug Users, from 1995 to 1997. *Arch Intern Med*. 2000;160:365-369.

Murphy J, Madhavan S, Mueller G, Silva A, Wagaw F, Whitman S. A Compilation of Cover Stories from *AIDS Chicago*, 1993-1999. *Chicago Department of Public Health Epidemiology Program Publications*. January 2000.

Silva A, **Murphy J**, Whitman S. An Epidemiologic Profile of HIV/AIDS in Chicago. *Chicago Department of Public Health Epidemiology Program Publications*. September 1999.

PUBLICATIONS continued

Murphy J, Mueller G, Whitman S. Redefining the Growth of the Heterosexual HIV/AIDS Epidemic in Chicago. *J Acquir Immune Defic Syndr*. 1997, 16(2):122-126.

Whitman S, **Murphy J**. The HIV Seroprevalance of Survey of Childbearing Women and Estimating the Number of HIV-Positive People in Chicago. *Chicago Department of Public Health Epidemiology Program Publications*. October 1997.

Whitman S, **Murphy J**. An Epidemiologic Profile of HIV/AIDS in Chicago. *Chicago Department of Public Health Epidemiology Program Publications*. September 1997.

Murphy J. AIDS Reporting and Hispanic Ethnic Subgroups in Chicago: A More Accurate Portrayal. *Midwest Hispanic AIDS Coalition Bulletin*. Fall 1997 (#20).

Murphy J, Mueller G, Whitman S. Epidemiology of AIDS among Hispanics in Chicago. *J Acquir Immune Defic Syndr*. 1996, 11:83-87.

Mueller G, Branch L, Kim D, Mequi E, Moore J, **Murphy J**, Payton J. An Epiemiologic Profile of HIV/AIDS in Chicago. *Chicago Department of Public Health Epidemiology Program Publications*. November 1995.