

Curriculum Vitae
Sharon K. Melville, M.D., M.P.H.

EDUCATION

- May 1991 M.P.H. University of Massachusetts School of Public Health. Amherst, Massachusetts. Major: Epidemiology.
- June 1985 M.D. University of Texas Medical School at Houston. Houston, Texas. Major: Medicine.
- May 1981 B.S. Tulane University, New Orleans, LA. Phi Beta Kappa, Summa Cum Laude. Major: Biology.
- May 1977 High School Diploma. Highlands High School, San Antonio, Texas.

PROFESSIONAL EXPERIENCE

June 2013- Present

Regional Medical Director, Health Service Region 7

Texas Department of State Health Services
2408 S. 37th Street, Temple TX 76504

As Regional Medical Director (RMD), responsible for planning, developing, organizing and directing regional public health activities for 30 counties in central Texas. The RMD is responsible and accountable for all department program activities within the region, including Epidemiology and Preparedness, Tuberculosis Control and Prevention, HIV/STD, Zoonosis, Immunizations, Tobacco Prevention and Control, Community Health, Maternal and Child Health, Social Services, and Environmental and Consumer Safety and a staff of approximately 120 persons. Provides clinical oversight to 14 nurses at 23 public health clinic sites in the Region providing STD and TB diagnosis and treatment services and immunizations. Provides public health and medical consultation to physicians and local health department personnel regarding public health issues. Develops and maintains effective working relationships with city, county, state and federal officials and independent local public health entities within the region.

Dec. 2008 – May 2013

Manager, TB/HIV/STD Epidemiology and Surveillance Branch

Texas Department of State Health Services
1100 West 49th St., Austin, TX. 78757

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Manage and direct the TB/HIV/STD Epidemiology and Surveillance Branch responsible for TB, HIV/AIDS and STD disease surveillance, epidemiologic investigations, research, monitoring of morbidity and mortality trends, quality assurance and evaluation of TB, HIV and STD prevention and services programs for the State of Texas. Serve as Principal Investigator for multiple cooperative agreements and research grants including the HIV/AIDS Surveillance and Serosurveillance Cooperative Agreement (Core Surveillance, Incidence Surveillance and Variant Atypical Resistant HIV Surveillance), National HIV Behavioral Surveillance, and Medical Monitoring Project. Develop and conduct epidemiologic research studies on TB/HIV/AIDS, STDs and Hepatitis and evaluation of TB/HIV/AIDS programs and services. Provide medical and epidemiological consultation and subject matter expertise to the TB/HIV/STD program and other DSHS sections, divisions, units and branches, other agencies, private medical providers and the general public as requested. Evaluate medical and technical aspects of programmatic policies and issues. Supervise, monitor, plan and implement the TB/HIV/STD Epidemiology and Surveillance Branch's administrative, budgetary and fiscal activities including managing a budget with over six million dollars in State and federal funds. Participate on committees and advisory groups as needed such as the Viral Hepatitis Integration Workgroup, Pregnancy Risk Assessment Monitoring Systems (PRAMS) Steering Committee, Behavioral Risk Factor Surveillance System (BRFSS) Users Group and the Texas Consortium for HIV Perinatal Prevention. Participate in Physician On-Call duties for the State of Texas. Participate as assigned in the Multi-Agency Coordination Center (MACC) or other deployment during activation for a disaster or health emergency. Directly supervise two managers, three administrative staff persons and an information technology liaison position. Manage a branch of over 50 persons including epidemiologists, surveillance staff, project managers, database managers, public health technicians, and quality assurance and evaluation staff.

Nov. 1996 – Dec. 2008

Manager, HIV/STD Epidemiology and Surveillance Branch

Texas Department of State Health Services (Former Texas Department of Health)
1100 West 49th St., Austin, TX. 78757

Manage and direct the HIV/STD Epidemiology and Surveillance Branch responsible for HIV/AIDS and STD disease surveillance, epidemiologic investigations, research, monitoring of HIV and STD morbidity and mortality trends and evaluation of HIV and STD prevention and services programs for the State of Texas. Serve as Principal Investigator for multiple cooperative agreements and research grants including HIV/AIDS Surveillance and Serosurveillance Cooperative Agreement (Core Surveillance, Incidence Surveillance and Variant Atypical Resistance HIV Surveillance), National HIV Behavioral Surveillance, Enhanced Perinatal HIV Surveillance, Medical Monitoring Project, and Evaluation of Web-Based Risk Behavior Surveillance among

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Men Who Have Sex with Men. Design, develop and conduct epidemiologic research studies on HIV/AIDS, STDs and Hepatitis. Supervise, monitor, plan and implement the HIV/STD Epidemiology and Surveillance Branch's administrative, budgetary and fiscal activities which included managing a budget with over 5 million dollars in State and federal funds. Provide medical and epidemiological consultation to other divisions, bureaus, agencies and private medical providers and the general public as requested. Participate in Physician On-Call duties for the State of Texas. Directly supervise two technical managers and one administrative staff person.

Oct. 2005-Dec. 2005

Acting Director, Epidemiology and Disease Surveillance Unit

Texas Department of State Health Services
1100 West 49th St., Austin, TX. 78757

Manage the Epidemiology and Diseases Surveillance Unit with over 200 staff persons including the Cancer Registry, Birth Defects Registry, HIV/STD Epidemiology and Surveillance and the Environmental, Injury, Epidemiology and Toxicology Programs. Supervise, monitor, plan and implement the Unit's programmatic, administrative, budgetary and fiscal activities. Directly supervise six technical staff and two administrative support staff.

May 2002 – July 2002

Nov. 2001- Jan. 2002

Acting Chief, Bureau of HIV and STD Prevention

Texas Department of Health
1100 West 49th St. Austin, TX. 78757

Direct, monitor, plan and implement the Bureau of HIV and STD Prevention's administrative, budgetary and fiscal activities. Oversee and manage all aspects of the Bureau of HIV and STD Prevention's programs including HIV/STD Prevention, HIV/STD clinical and social services, the Texas Medication Program and HIV/STD Epidemiology and Surveillance. Provide leadership and strategic direction to the Bureau of HIV and STD Prevention and coordinate Bureau activities with other programs throughout the Texas Department of Health and other Health and Human Services Agencies. Provide medical and epidemiological consultation to other divisions, bureaus, agencies, contractors, private medical providers and the general public as requested. Participate in Physician On-call duties for the State of Texas. Ensure that all grant and cooperative agreement requirements, activities, goals and objectives are met. Represent the Bureau and provide medical, epidemiological and program information on HIV/AIDS and STD to the Board of Health, Texas legislature, other governmental agencies, the media, community based organizations and other entities as requested. Directly supervise three branch managers, account and executive assistant.

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

July 1993 - Oct. 1996

Assistant Professor of Family and Community Medicine

University of Massachusetts Medical School,
55 Lake Avenue, North, Worcester, MA. 01655

Developed the curriculum, coordinated and taught in the public health module in the Community Medicine Course for medical students (1994-1995). Taught in the Epidemiology and Biostatistics course for medical students (1993-1996). Served as the Co-Course Director for Epidemiology and Biostatistics (1995-1996). Conducted research on clinical preventive services and office systems particularly for breast, colon and prostate cancer screening and immunizations. Participated as member of research team for the Rapid Early Action for Coronary Treatment (REACT) study was one of the first large-scale studies to evaluate the effects of community education on the time it takes people to recognize the warning signs of a heart attack and to seek appropriate medical help. Served as a faculty member in the Preventive Medicine Residency program, including advising residents, developing and coordinating residency rotations and supervising the required research project. Supervised and epidemiology research clerkships for medical students, residents, graduate and undergraduate public health students.

PROFESSIONAL TRAINING

June 1991- June 1993

Preventive Medicine Research Fellow

University of Massachusetts Medical School, 55 Lake Avenue North,
Worcester, MA. 01655

Taught in Epidemiology and Biostatistics course for medical students. Conducted epidemiologic research on clinical preventive services and office systems particularly for breast, colon and prostate cancer screening and immunizations.

August 1989- May 1991

Preventive Medicine Resident

University of Massachusetts Medical Center, 55 Lake Avenue
North Worcester, MA. 01655

Training in epidemiologic and clinical research, public health principles and practice, preventive medicine, behavioral medicine, health education, biostatistical analysis, and health care management. Completed an epidemiologic research project "Quantitative Ultraviolet Skin Exposure in Children during Selected Outdoor Activities".

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

June 1987- July 1989

Post-doctoral Fellow in Neuroscience.

Marine Biological Institute, University of Texas Medical Branch
300 University Blvd, Galveston, TX. 77555.

Laboratory instructor in gross anatomy course for medical students and neuroscience tutor. Conducted basic science research on spinal cord and peripheral nerve regeneration.

Aug 1985 - May 1987

Diagnostic Radiology Resident.

University of Texas Medical Branch, 300 University Blvd.
Galveston, TX. 77555

Education and training in diagnostic radiological procedures.

AWARDS AND HONORS

Phi Beta Kappa, Suma Cum Laude, Tulane University	1981
Outstanding Student Award in Developmental Anatomy, University of Texas Medical School at Houston	1983
Outstanding Student Award in Histology, University of Texas Medical School at Houston	1983
Outstanding Student Award in Behavioral Sciences, University of Texas Medical School at Houston	1983
Outstanding Student Award in Pathology, University of Texas Medical School at Houston	1985
Massachusetts Health Research Institute, 1994-1995 Alfred L. Frechette Post-Doctoral Research Fellowship in Public Health	1994

MEDICAL LICENSE

1994-1996	Massachusetts Medical License, 78778.
1985-2020	Texas Medical License, H0181.

PROFESSIONAL ORGANIZATIONS (current membership)

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

American Public Health Association
Texas Public Health Association
Council of State and Territorial Epidemiologists
American College of Preventive Medicine

SERVICE

Governing Board, Texas Public Health Association	2018-2020
Public Health Financing and Policy Committee	2016-2020
External Advisory Committee, Texas A&M School of Public Health	2014-2020
Acting Chair, Texas Department of State Health Services Institutional Review Board (IRB)	2006
Member Texas Department of State Health Services IRB	1997-2007
Chair, Texas Department of Health, IRB	1999-2001

FACULTY APPOINTMENTS

Texas Department of State Health Services Preventive Medicine Residency Program, Faculty Member	2013-2020
University of Massachusetts Medical School, Assistant Professor	1993-1996
University of Massachusetts School of Public Health, Adjunct Faculty Member	1995-1996

COMPLETED RESEARCH SUPPORT

1U62PS003996-01 Melville (PI) 1/01/20013- 5/31/2013
Centers for Disease Control and Prevention (CDC)
HIV/AIDS Surveillance
Cooperative agreement with CDC to conduct HIV/AIDS Core Surveillance, Incidence Surveillance, Perinatal Surveillance and Molecular Surveillance. The goals are to conduct active HIV/AIDS case surveillance for adults and children statewide, conduct incidence surveillance for all newly reported cases of HIV in Texas, and conduct surveillance for variant HIV strains and resistance to HIV medications.
Role: PI

1U1BPS003257-02 Melville (PI) 1/01/2011- 5/31/2013
Centers for Disease Control and Prevention (CDC)
Behavioral Surveillance
Grant from CDC to conduct behavioral surveillance in the Dallas Metropolitan Statistical area in three high risk populations: men who have sex with men, injection drug users and high risk heterosexuals.

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Role: PI

5U62 PS001603-03 Melville (PI) 9/01/2009 – 5/31/2013

Centers for Disease Control and Prevention (CDC)

Morbidity and Risk Behavior Surveillance (Medical Monitoring Project)

This is a cross-sectional probability sample of HIV positive persons in medical care.

The goals of the study are to determine benchmarks for HIV clinical care, identify barriers and facilitators for obtaining HIV care, identify risk behaviors for continued transmission of HIV and monitor treatment compliance.

Role: PI

5U62PS001014-05 Melville (PI) 1/01/2008-12/31/2012

Centers for Disease Control and Prevention (CDC)

HIV/AIDS Surveillance

Cooperative agreement with CDC to conduct HIV/AIDS Core Surveillance, Incidence Surveillance, and Variant Atypical Resistant HIV Surveillance (VAHRS). The goals are to conduct active HIV/AIDS case surveillance statewide, conduct incidence surveillance for all newly reported cases of HIV in Texas, and conduct surveillance for variant HIV strains and resistance to HIV medications.

Role: PI

U62 PS001436-03 Melville (PI) 1/01/2009 – 12/31/2011

Centers for Disease Control and Prevention (CDC)

Enhanced HIV/AIDS Surveillance for Perinatal Prevention

This is a cooperative agreement with CDC to conduct HIV/AIDS surveillance for HIV positive mothers and their exposed infants.

Role: PI

5U62PS000968 Melville (PI) 1/01/2008-12/31/2010

Centers for Disease Control and Prevention (CDC)

Behavioral Surveillance

Grant from CDC to conduct behavioral surveillance in the Dallas Metropolitan Statistical area in three high risk populations: men who have sex with men, injection drug users and high risk heterosexuals.

Role: PI

3U62PS624447 Melville (PI) 9/01/2004 – 5/31/2009

Centers for Disease Control and Prevention (CDC)

Morbidity and Risk Behavior Surveillance (Medical Monitoring Project)

This is a cross-sectional probability sample of HIV positive persons in medical care.

The goals of the study are to determine benchmarks for HIV clinical care, identify barriers and facilitators for obtaining HIV care, identify risk behaviors for continued transmission of HIV and monitor treatment compliance.

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Role: PI

U62 PS000279 Melville (PI) 1/01/2006 – 12/31/2008
Centers for Disease Control and Prevention (CDC)
Enhanced HIV/AIDS Surveillance for Perinatal Prevention
This is a cooperative agreement with CDC to conduct HIV/AIDS surveillance for HIV positive mothers and their exposed infants.
Role: PI

U62 CCU623578 Melville (PI) 4/01/2004 – 12/31/2007
Centers for Disease Control and Prevention (CDC)
HIV/AIDS Surveillance
This is a cooperative agreement with CDC to conduct HIV/AIDS Core Surveillance, Incidence Surveillance, and the National HIV Behavioral Surveillance System (NHBS). The goals are to conduct active HIV/AIDS case surveillance statewide, conduct incidence surveillance for all newly reported cases of HIV in Texas, and conduct behavioral surveillance in the Dallas Metropolitan Statistical area in three high risk populations: men who have sex with men, injection drug users and high risk heterosexuals.
Role: PI

U62 CCU623323 Melville (PI) 9/30/2003 – 9/29/2007
Centers for Disease Control and Prevention (CDC)
HIV Risk Behavior Surveillance among Men Who Have Sex With Men
This goal of this study is to pilot web-based techniques to conduct HIV risk behavioral surveillance with men who have sex with men.
Role: PI

U62 CCU606237-12 Melville (PI) 1/01/1991 – 3/31/2004
Centers for Disease Control and Prevention (CDC)
HIV/AIDS Surveillance and Seroprevalence
This was a cooperative agreement with CDC to conduct HIV/AIDS surveillance statewide and also to conduct multiple special surveillance projects including Enhanced Perinatal Surveillance, Incidence Surveillance, and Behavioral Surveillance, Adult Spectrum of Disease (ASD) project, Supplemental HIV/AIDS Surveillance (SHAS), Serosurveillance, STAHRS and Context of HIV infection Project (CHIP)
Role: PI from 1996 - 2004

U64 CCU603300-15 Melville (PI) 9/30/1998 - 9/29/2004
CDC
Intervention Epidemiologic Research Studies of HIV/AIDS (Pediatric Spectrum of Disease)
This was a cooperative agreement with CDC to conduct a longitudinal medical chart

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

abstraction of HIV exposed and infected infants and children at multiple pediatric care facilities in Texas.

Role: PI from 1996-2004

U50 CCU617797 Melville (PI) 9/30/1999 - 9/29/2003

CDC

Strengthening HIV/AIDS & STD Prevention through Behavioral Data Program Decision Making

The overall goal for the project was to increase the number of HIV prevention interventions in the field that are appropriate for the needs of the targeted populations being served and that are based on evidence of effectiveness and/or behavioral theory.

Role: PI

H25CCH604349 Blass (PI) 9/30/2002 - 9/29/2005

Centers for Disease Control and Prevention (CDC)

Outcomes Assessment through Systems of Integrated Surveillance (OASIS)

The goal of this project was to integrate and link communicable disease surveillance systems.

Role: Co-Investigator

U62 CCU613197 Melville (PI) 9/30/1996 - 9/29/1999

Centers for Disease Control and Prevention (CDC)

HIV Prevention Indicators Project (HPI)

The goal of this project was to work with other States and CDC to determine national HIV Prevention Indicators for HIV prevention evaluation.

Role: PI

PUBLICATIONS

Mgbere O, Arbona SI, **Melville SK**, Poe J, Sheu S, Khuwaja S, Lopez Z. Sex without Condom and HIV testing among Men Who Have Sex with Men: A Comparative Study of Two Metropolitan Statistical Areas in Texas. *J Behav Health* 2018, 7(2):78-90.

Arnold S, **Melville SK**, Morehead B, Vaughan G, Moorman A, Crist MB. Notes from the Field: Hepatitis C Transmission Due to Inappropriate Reuse of Saline Flush Syringes for Multiple Patients in a n Acute Care General Hospital-Texas, 2015. *MMWR Morb Mortal Wkly Rep* 2017;66(9):258-260.

Metzger K, Akram H, Feldt B, Stone K, Alvey S, Henley S, Hernandez A, Melville S, Haywood T, Zane D. Epidemiologic Investigation of Injuries Associated with the 2013 Fertilizer Plant Explosion in West, Texas. *Disaster Med Public Health Preparedness*. 2016 March 2:1-8.

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Myles RL, Artstein-McNassar M, Dean HD, Bohannon B, **Melville SK**, Yeager R, Wheeling J, Rose CE, Zhu J, Dominguez KL. Perinatal HIV prevention outcomes in U.S.-born versus foreign-born blacks, PSD cohort 1995-2004. *J Immigr Minor Health*. 2015 Aug;17(4):1010-8.

Suneja G, Shiels MS, **Melville SK**, Williams MA, Rengan R, Engels EA. (2013). Disparities in the treatment and outcomes of lung cancer among HIV-infected individuals. *AIDS*, 27(3), 459-68.

Smith BD, Teshale E, Jewett A, Weinbaum CM, Neaigus A, Hagan H, Jenness SM, **Melville SK**, Burt R, Thiede H, Al-Tayyib A, Pannala PR, Miles IW, Oster AM, Smith A, Finlayson T, Bowles KE, DiNenno E. (2011). Performance of pre-market rapid hepatitis C virus antibody assays. *Clinical Infectious Diseases*, 53(8), 780-786.

Baumbach JP, Foster LN, Mark Mueller M, Cruz MF, Arbona S, **Melville S**, Ramos R, Strathdee S. (2008). Seroprevalence of select bloodborne pathogens and associated risk behaviors among injection drug users in the Paso del Norte region of the United States - Mexico border. *Harm Reduction Journal*, 5(33).

Melville SK, Heseltine G, Delamater E, Gilani Z, Hendricks K, Suarez L. (2006). Hepatitis C virus seroprevalence: selected health care settings in Texas. *Texas Medicine*, 102(3), 56-61.

Bertolli J, Hsu HW, Sukalac T, Williamson J, Peters V, Frederick T, Rakusan TA, Ortiz I, **Melville SK**, Dominguez K. (2006). Pediatric Spectrum of HIV Disease Study. Hospitalization trends among children and youths with perinatal human immunodeficiency virus infection, 1990-2002. *Pediatr Infect Dis J.*, 25(7):628-33.

McConnell MS, Byers R, Frederick T, Peters V, Dominguez K, Sukalac T, Greenberg A, Hsu H, Rakusan T, Ortiz I, **Melville S**, Fowler MG and the Pediatric Spectrum of HIV Disease Consortium. (2005). Trends in antiretroviral therapy use and survival rates for a large cohort of HIV-infected children and adolescents in the United States, 1989-2001. *JAIDS*, 38(4), 488-494.

Melville SK, Arbona S, Jablonski C, Kantor L, Lee J, Paradise C, Seamans D. (2004). Risk assessment for sexually transmitted diseases among private practitioners in Texas. *Texas Medicine*, 100(6), 60-4.

Peters V, Liu K, Dominguez K, Frederick T, **Melville S**, Hsu H, Ortiz I, Rakusan T, Bill B, Thomas P and PSD Consortium (2004). Missed opportunities for perinatal HIV

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

prevention among HIV-exposed infants born 1996-2000, Pediatric Spectrum of HIV Disease cohort. *Pediatrics*, 114(3), 905-906.

Dominguez K, Lindegren M, D'Almada P, Peters V, Frederick T, Rakusan T, Ortiz I, Hsu, H, **Melville S**, Sadek, Fowler MG, for the Pediatric Spectrum of HIV Disease Consortium. (2003). Increasing trend of cesarean deliveries in HIV-infected women in the United States from 1994-2000. *J Acquir Immune Defic Syndr*, 33(2), 232-238.

Peters V, Liu K, Dominguez K, Frederick T, **Melville S**, Hsu H, Ortiz I, Rakusan T, Bill B, Thomas P and PSD Consortium. Missed Opportunities for Perinatal HIV Prevention Among HIV-Exposed Infants Born 1996-2000, Pediatric Spectrum of HIV Disease Cohort. *Pediatrics* May 2003; 111(5 Part 2):1186-91.

Robbins AS, Jablonski CLE, Mitchell BE, King SA, **Melville SK**, Stanley SK. Perinatal HIV Testing Private OB-GYN Practices in Texas. *The Journal of Texas Medicine* 2002, Vol 98, No. 5: 50-55.

Arbona SI, **Melville S**, Hanson C, Squires J, Doran T, Doyle M, Patel JA, Handal GA, Hauger S, Murphey D, Dominguez K. Mother-to-Child Transmission of HIV in Texas. *Pediatric Infectious Dis. J.* June, 2001; 20(6): 602-606.

Hsu H, Pelton S, Williamson J, Thomas P, Mascola L, Ortiz I, Rakusan T, **Melville S**, Bertolli J, Pediatric Spectrum of HIV Disease Project. Survival in Children with Perinatal HIV Infection and Very Low CD4 Lymphocyte Counts. *J Acquir Immune Defic Syndr*. Nov, 2000; 25 (3): 269-275.

Bertolli J, Simonds RJ, Thomas P, **Melville S**, Ortiz I, Mascola L, Wilfert C, Rakusan T, Hsu H, Maldonado Y. Implementation and Effectiveness of U.S. Public Health Service Recommendations for Preventing Perinatal HIV transmission (Submitted, *Am J Public Health*)

Dominguez K, Bertolli J, Fowler M, D'Almada P, Thomas P, Ortiz I, **Melville S**, et al. Lack of Definitive Severe Mitochondrial Signs and Symptoms Among Deceased HIV-Uninfected and HIV-Indeterminate Children ≤ 5 years of age, Pediatric Spectrum of HIV Disease Project (PSD), USA. *Annals of the New York Academy of Sciences*. 2000; 918: 236-246.

Zapka, J. Estabrook B, Gilliland J, Leviton L, Meischke H, **Melville S**, et al. Health Care Providers' Perspectives on Patient Delay for Seeking Care for Symptoms of Acute Myocardial Infarction. *Health Education and Behavior*. 1999; 26(5): 714-33.

Dworkin MS, Pei-Chun T, Hanson DL, Jones JL, and the Adult and Adolescent Spectrum of HIV Disease Project. Progressive Multifocal Leukoencephalopathy:

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Improved Survival of Human Immunodeficiency Virus-Infected Patients in the Protease Inhibitor Era. *Journal of Infectious Diseases*. 1999;180: 621-5.

Centers for Disease Control. Evaluation of HIV Case Surveillance Through the Use of Non-Name Unique Identifiers-Maryland and Texas, 1994-1996. *MMWR*. 1998; 46:1254-1258,1271.

Melville SK, Coghlin J, Chen DW, Sampson N. Population-Based Medical Education: Linkages Between Schools of Medicine and Public Health Agencies. *Academic Medicine*.1996; 71:1350-1352.

Luckmann R, and **Melville SK**. The Periodic Health Evaluation of Adults: A Survey of Family Physicians. *Journal of Family Practice*. 1995; 40:547-554.

Melville SK, Luckmann R, Coghlin J, Gann P. Office Systems and Procedures for Promoting Screening Mammography: A Survey of Primary Care Practices. *Journal of Family Practice*. 1993; 37: 569-574.

Gann P, **Melville SK**, Luckmann R. The Characteristics of Primary Care Office Systems as Predictors of Mammography Utilization. *Annals of Internal Medicine*. 1993;118(11):893-898.

Melville SK, Rosenthal FS, Lew RA, Luckmann R. Quantitative Ultraviolet Skin Exposure in Children During Selected Outdoor Activities. *Photodermatology, Photoimmunology & Photomedicine*. 1991;8:99-104.

LaForte RA, **Melville SK**, Chung K, Coggeshall RE. Absence of Neurogenesis of Adult Rat Dorsal Root Ganglion Cells. *Somatosensory & Motor Research*. 1991;8(1):3-7.

Melville SK, Sherburn T, Coggeshall RE. Preservation of Sensory Cells by Placing Stumps of Transected Nerve in an Impermeable Tube. *Experienced Neurology* 1989;105(3):311-5.

ABSTRACTS/POSTERS

Melville SK, Yang M, Sabalerio R, Robison-Chadwell A, Sanders L. Community Health Assessment: Disparities in Incidences of Sexually Transmitted Infections by Age Group, Sex, and Race in DSHS Public Health Region 7. Texas Public Health Association Meeting (Waco, TX) March 5-7, 2018.

Melville SK, Schuster D, Pannala P, Odem S, Chintapalli S. *The 2009 Texas Medical*

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Monitoring Project: agreement and discordance of HIV medication data. AIDS 2012 XIX International AIDS Conference (Washington DC) July 22-27, 2012.

Melville, SK, Hawkins N, Chintapalli, S, Odem S, Schuster D. Adherence to HIV clinical treatment guidelines among healthcare providers in Texas. AIDS 2012 XIX International AIDS Conference (Washington DC) July 22-27, 2012.

Artstein-McNassar M, Dominguez K, Bohannon B, Yeager R, **Melville SK**, Nesheim S, PSD Consortium. *Trends in Hispanic Births and Receipt of HIV Perinatal Prevention Strategies among Hispanic HIV-Infected Mothers by Maternal Birthplace, Pediatric Spectrum of HIV Disease (PSD) Project.* AIDS 2012 XIX International AIDS Conference (Washington DC) July 22-27, 2012.

Melville SK (Presenter), Headley VL, Litaker JR, Morris SA, Robbins AS. *Perinatal HIV Testing Policies, Practices and HIV/Syphilis Perinatal Screening Levels in Texas Hospitals.* 2011 CSTE Annual Conference (Pittsburg, PA) June 12 -16, 2011.

Smith B, Teshale E, DiNenno E, Jewett A, Neaigus A, Jenness A, **Melville SK**, Burt R, Thiede H, Al-Tayyib A, Pannala PR, Williams M, Oster A, Smith A, Finlayson T, Bowles K. *Results from the field evaluation of pre-market rapid hepatitis C virus (HCV) antibody tests in four national HIV Behavioral Surveillance (NHBS) study sites.* American Public Health Association (APHA) 138th Annual Meeting & Exposition (Denver, CO) November 6-10, 2010.

Myles RL, Artstein M, Dean HD, Bohannon B, **Melville SK**, Yeager R, Wheeling J, Dominguez KL and the LEGACY Consortium. *Missed Prevention Opportunities in Foreign-born and U.S.-born HIV-infected Black Mothers and their Infants, United States, 1995-2004.* American Public Health Association's (APHA) 138th Annual Meeting and Exposition (Denver, CO) November 6-10, 2010.

Sheu SU, Pannala PR, Arbona SA, Elbel E, Kershaw D, **Melville SK**. *Substance abuse, sexual behaviors, HIV/STD/HCV testing, and prevention service utilization among injection drug users in Dallas, Texas.* 17th Texas HIV/STD Conference. (Austin, TX) May 24-27, 2010.

Arbona SA, Pannala PR, **Melville SK**. *Spatial clusters of HIV infection by mode of transmission in Texas.* 17th Texas HIV/STD Conference. (Austin, TX) May 24-27, 2010.

Pannala PR, Arbona S, Sayegh MA, Kershaw D, Pande C, **Melville, SK (Presenter)** *Access to Health Care, Testing and Prevention Service Utilization among Injection Drug Users in Dallas, Texas.* American Public Health Association Meeting (Philadelphia, PA) November 7-9, 2009

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

Sayegh MA, Fahkreddine A, Pannala P, Weckerly E, **Melville SK**. *The Systems Dynamics of Risk for Pregnancy, STI, and HIV among Adolescent Women in Texas: 2005 to 2015*. 2009 Council of State and Territorial Epidemiologists (CSTE) Annual Conference (Buffalo, NY) June 7-11, 2009.

Arbona S., **Melville SK**, Shehan D, Sayegh MA. *Injection drug use, bloodborne infections and risk behaviors in El Paso – The Paso del Norte Collaborative Study*. 16th Annual HIV/AIDS Update Conference/Border Health Summit (South Padre Island, TX) Oct. 29 - Nov. 1, 2008.

Sayegh MA, Arbona S, Becker M, Mitchell B, **Melville SK (Presenter)**. *Differences in HIV Testing and Reporting Among Women Giving Birth in Public and Private Hospitals in Texas*. 136th Annual American Public Health Association Meeting and Exposition (San Diego, CA) October 2008.

Sayegh MA, Arbona S, Firestone-Cruz M, Ramos R, **Melville SK**. *The Behavioral Epidemiology of Injection Drug Use in the Texas/Mexican Border: A Latent Class Analysis*. XII International AIDS Conference (Mexico City, Mexico). August 2008.

Jablonski C, **Melville SK**, Sajak T, Kadar N, Shehan D, Janneh M, Poe J. *HIV Incidence Estimates and Antiretroviral Drug Resistant HIV in Texas*. 16th Texas HIV/STD Conference (Austin, TX). May 2008.

Sayegh MA, Arbona S, Becker M, **Melville SK**. *The Concordance of HIV Testing at Delivery and Reporting: A Comparison of Medical Charts and Birth Certificates*. Women's HIV International Clinical Conference. (Dallas, TX). April 2008.

Janeh M, **Melville SK**. *Implementing Variant Atypical Resistant HIV Surveillance in Texas: Lessons Learned from an Early Implementation Pilot Site*. 2007 National HIV Prevention Conference (Atlanta, GA). December 2007.

Jablonski C, **Melville SK (Presenter)**, Sajak T, Kadar N. *Application of a CDC-Developed Statistical Estimation Method to Estimate HIV Incidence in Texas*. 2008 CSTE Annual Conference (Denver, CO). June 2008.

Melville SK (Presenter), Foster LN, Ramos RL, Arbona S, Baumbach, JP, Strathdee, SA. *The Paso Del Norte Collaborative Study: Risk Behaviors and Seroprevalence of HIV, syphilis, and hepatitis A, B, and C among Injection Drug Users*. 2007 CSTE Annual Conference (Atlantic City, NJ). June 2007.

Melville SK, Arbona S, Shehan DA, Commacho-Bellow M. *Paso del Norte Study: Risk*

Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

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PRESENTATIONS/INVITED SPEAKER (selected)

“Health Promotion and Chronic Disease Prevention”. Williamson County Wellness Alliance 2017 Summit, April 25, 2017

“Local Health Authority Role in a Multi-jurisdictional TB Contact Investigation”. Texas Public Health Association Annual Meeting. (Galveston, Texas). April 10, 2016.

“Local and Regional Preparedness and Response Strategies” (Panel). High Consequence Infectious Disease Response: Ebola and Other Pathogens, a Multi-Disciplinary Workshop. (Austin, Texas). February 16, 2016.

“Epidemiology of HIV and STD in Texas”. Texas Public Health Association Annual Meeting. (South Padre Island, Texas). April 22, 2010.

“Access to Health Care, Testing and Prevention Service Utilization among Injection Drug Users in Dallas, Texas”. Texas Department of State Health Services. January 21, 2010.

“World AIDS Day 2006”. The University of Texas of the Permian Basin. (Odessa, TX), December 1, 2006.

“Paso del Norte Study: Risk Behaviors and Infectious Disease Prevalence Among IDU”. Department of State Health Services National Latino AIDS Awareness Day Program (Austin, TX.) October 2006.

“HIV and Syphilis in Texas”. TexMed 2005, Texas Medical Associations 138th Annual Session. (Grapevine, TX.) May 2004.

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Sharon K. Melville, M.D., M.P.H.
Curriculum Vitae

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