

CURRICULUM VITAE

Kelly L. Moore, MD, MPH

Address: 3804A Tulane Court
Nashville, TN 37215
Phone: (256) 656-2780
E-mail: drkellymoore@yahoo.com

EDUCATION AND TRAINING

- 2018 **Advanced Course of Vaccinology (ADVAC 19)**, Fondation Mérieux and Université de Genève, Veyrier-du-Lac, France
- 2003-2004 **Resident in Preventive Medicine**
 Commissioned Officer, O-4 (LCDR)
 United States Public Health Service
 Centers for Disease Control and Prevention (CDC), Atlanta, GA
 Duty Station: Tennessee Department of Health (TDH), Nashville
- 2001-2003 **Epidemic Intelligence Service**
 Commissioned Officer, O-4 (LCDR)
 United States Public Health Service
 CDC, Atlanta, GA
- 2000-2001 **Resident in Pediatrics, Internship Year**
 The Johns Hopkins School of Medicine
 Baltimore, MD
- 2000 **Master of Public Health**
 Harvard School of Public Health
 Boston, MA
- 2000 **M.D.**
 Vanderbilt University School of Medicine
 Nashville, TN
- 1994-1995 **Vanderbilt University Traveling Fellowship**
 Independent International Travel
- 1994 **B.S., Interdisciplinary (Neuroscience), *magna cum laude***

Vanderbilt University
Nashville, TN

CERTIFICATION AND LICENSURE

2015	Recertified, American Board of Preventive Medicine
2005	Diplomate, American Board of Preventive Medicine
2002	Licensed Physician, Tennessee, MD 36157
2001	National Board of Medical Examiners

ACADEMIC APPOINTMENTS

2013-present	Adjunct Associate Professor (2019-present) Assistant Clinical Professor (2013-2018) Department of Health Policy Vanderbilt University School of Medicine
2005-2013	Assistant Clinical Professor Department of Preventive Medicine Vanderbilt University School of Medicine

EMPLOYMENT

2018-Current	Independent Consultant: Immunization Policy and Practice Primary activities: Conceived, designed and piloted the Immunization Program Advanced Coaching for Leadership (IMPAC) program for the Association of Immunization Managers (AIM). Consultant to academic investigators on grants related to HPV vaccine school mandates and HPV vaccine practice quality improvement. Lecturer on vaccine-preventable disease control, pandemic preparedness. Co-chair, HPV Cancer Free TN Coalition. Member, Centers for Disease Control and Prevention (CDC) Advisory Committee on Immunization Practices (ACIP). Chair, World Health Organization (WHO) Immunization Practices Advisory Committee (IPAC).
2013-2018	Director, Tennessee Immunization Program (TIP), Tennessee Department of Health (TDH) Oversight of Vaccines for Children (VFC) Program, 317 federal

vaccines, Perinatal Hepatitis B Prevention Program, Vaccine Preventable Disease (VPD) Surveillance and Control, State Immunization Information System (“TennIIS”). Expanded TIP to 30 staff, ~\$7 million budget. Principle investigator, CDC Immunization and VFC Cooperative Agreement, and two Prevention and Public Health (PPHF) competitive grants. TDH expert on legislation and media pertaining to immunization.

2004-2013

Medical Director, TIP, TDH

Created the position, expanded staff from ~7 to ~16 state full time equivalents (FTE). Operating budget of ~\$5 million. Oversight of VFC Program, 317 federal vaccines, Perinatal Hepatitis B Prevention Program, VPD Surveillance and Control, Immunization Information System (“TWIS”). TDH expert on legislation and media pertaining to immunization. Title change in 2013.

2004-2008

Pandemic Influenza Planning Coordinator, TDH

Created TDH Pandemic Influenza Preparedness Program while also leading TIP. Two dedicated FTEs, ~\$1,000,000 annual budget. Responsible for state and regional public health planning and coordination with federal officials; created state Pandemic Influenza Planning Coordinating Committee of internal and external stakeholders; lead author of TDH 2006 Pandemic Plan; led development and execution of pandemic influenza tabletop and functional exercises.

PROFESSIONAL ACTIVITIES

Vanderbilt University

2005-present

Vanderbilt University Keegan Traveling Fellowship

Selection Committee (Co-chair, 2017-present)

2009-present

Vanderbilt Institute for Global Health (VIGH)

Affiliate (2011-present)

Community Advisory Board Member (2009-2012)

VIGH Global Health Forum Planning Committee (2011, 2012)

2015-present

Vanderbilt School of Medicine, Community Health Integrated Science Course, Lecturer (Jule West, MD, Course Director)

2017-present

Vanderbilt Master of Public Health Program

Curriculum committee member

State of Tennessee

2012-present	HPV Cancer Free Coalition (known until 2018 as the Cervical Cancer Free Tennessee Coalition), Co-Chair Coalition to promote effective use of HPV vaccine and screening for cervical cancer, composed of persons representing state and local public health, academic medical centers, primary care providers and patient advocates
2009	State rule-making. Promulgated first comprehensive revision and expansion of state immunization requirements in a decade for daycare, school, higher education with TDH general counsel
2009	2009 H1N1 Pandemic Influenza Vaccine Distribution Created state pandemic influenza vaccine provider network, led distribution of pandemic vaccine to over 1,500 participating clinics. In first 7 weeks, achieved coverage rate 46% higher than national average
2006-2008	State Cervical Cancer Elimination Task Force Appointed by Governor Phil Bredesen
2005	State rule-making. Promulgated comprehensive revision of state communicable disease control regulations with TDH general counsel

National

2008-present	CDC Advisory Committee on Immunization Practices (ACIP) Voting Member , 9/2015 to 7/2019 Herpes Zoster Work Group (Member, 2016-2018; Chair, 7/2018-present) Viral Hepatitis Work Group (Member, 2014-2016, 2017-2018; Chair, 9/2018-present) Mumps Work Group (Chair, 2/2017-6/2018) Meningococcal Work Group (Member, 2016-present) Liaison Representative, AIM , 2/2011 to 7/2015 General Recommendations Work Group Member 2008-2015
2018-present	Sabin-Aspen Vaccine Science & Policy Group Charter member of expert group convened by the Sabin Vaccine

	Institute and The Aspen Institute, Aspen, CO
2015-present	NSF-International Joint Committee on Vaccine Storage Equipment Standards Developing the first U.S. standards for manufacturing vaccine storage equipment
2004-2018	Association of Immunization Managers (AIM) Chair, Vaccine Storage and Handling Committee (2006-2018) Chair, Epidemiology and Surveillance Committee (2012-2014) Executive Committee (2013-2014) Chair-Elect (2014)
2017	Options for the Control of Influenza IX Participant, Chicago, IL. August 24-28
2012-2016	Faculty, National Foundation on Infectious Diseases Clinical Vaccinology Course. Biannual continuing education program
2015	Storage, Handling, Administration, Preparation Experts (SHAPE 3) Vaccine Working Group – Roadmap to Action , December 2-3, Washington, D.C.
2015	United States Senate Testimony U.S. Senate Committee on Health, Education, Labor and Pensions. “The Reemergence of Vaccine Preventable Diseases: Exploring the Public Health Successes and Challenges,” Washington, D.C., February 10
2014	Association of State and Territorial Health Officers (ASTHO) Innovative Methods to Improve Access to Pandemic Influenza Countermeasures Workshop: Speaker, participant
2010-2012	CDC International Vaccine Thermostability Working Group Co-chair, Temperature Excursion and Revaccination Subcommittee
2012	Storage, Handling, Administration, and Preparation Experts (SHAPE, SHAPE 2) Vaccine Working Group: Independent scientific advisory panel addressing issues in vaccine delivery. Washington, D.C.
2006	Consultant to CDC , national pandemic community mitigation strategy planning meetings June 14-15 and December 11-12, 2006

International

2016-present	WHO Immunization Practices Advisory Committee (IPAC) Chair, 11/2018-11/2021 Member, 7/2016-9/2018
2017-present	WHO Programmatic Suitability for Prequalification (PSPQ) Committee Member
2018-present	Vaccine Innovation Prioritization Strategy (VIPS) Steering Committee Gavi-led Alliance working group including WHO, Gates Foundation, UNICEF and PATH
2019-present	WHO Total System Effectiveness (TSE) Steering Committee
2018-2019	WHO Independent Expert Advisory Group , Healthcare Worker Influenza Vaccine Introduction Manual
2017	IAIM Regional Meeting for the Americas and Europe Sponsored participant, Madrid, Spain, February 1-3
2015	World Health Organization (WHO) Pharmaceutical Cold Chain Management on Wheels Course . Invited, sponsored participant, Izmir to Antalya, Turkey, June 8-13
2015	International Association of Immunization Managers (IAIM) Inaugural Global Conference : Speaker, sponsored participant. Istanbul, Turkey, March 3-5
2014	IAIM Peer-to-Peer Program Travel Grant Award , hosted by Albanian National Immunization Program Director, Dr. Silvia Bino, Tirana, Albania.
2013	Options for the Control of Influenza VIII Participant, sponsored by AIM. Cape Town, SA, September 5-10
2007	Options for the Control of Influenza VI Participant, Toronto, Ontario, Canada, June 17-23
2003	Smoking Cessation Training Workshop Speaker, exercise developer, American International Health

Alliance/ CDC Partnership
Moscow, Russia

- 2001 **Epidemic Intelligence Service (EIS) Hospital Outbreak**
 Cairo, Egypt. Lead investigator.

ACADEMIC AND PROFESSIONAL DISTINCTIONS

Academic

- 2000 **Alpha Omega Alpha Honor Medical Society**
- 1994 **Phi Beta Kappa Honor Society**
- 1994 **Vanderbilt University Traveling Fellowship**

U.S. Public Health Service

- 2003 **Outstanding Unit Citation and CDC Honor Certificate**
 U.S. Public Health Service: Enhanced Terrorism Surveillance
- Commissioned Officer Training Ribbon**
 U.S. Public Health Service: Completion of Officer Training
- 2001 **Outstanding Unit Citation**
 U.S. Public Health Service: Response to Anthrax Release
- Crisis Service Unit Award**
 U.S. Public Health Service: Bioterrorism Surveillance, NYC
- Crisis Service Unit Award**
 U.S. Public Health Service: Response to Anthrax Release

Immunization Program Management

- 2018 **American Immunization Registry Association (AIRA) Honorable Mention for Excellence in Data Quality Improvement** awarded to the TennIIS Team
- 2017 **AIM Bull's Eye Award for Innovation and Excellence in**

	Immunization (TIP Lead) 3-Star Report Continuous Quality Improvement Tool for Decreasing Missed Opportunities in Preteen Immunization
2013	AIM Bull's Eye Award for Innovation and Excellence in Immunization (TIP Team Project Lead) Creation of Immunization Certificate Validation Tool in the State Immunization Information System
2012	Natalie J. Smith, MD, Memorial Award Association of Immunization Managers, Outstanding Immunization Program Manager
2010	National Influenza Vaccine Summit Honorable Mention (2nd place) – Overall Influenza Season Activities Tennessee pH1N1 Vaccine Distribution Team Lead
2010	Woman of Influence, Behind the Scenes Nashville Business Journal
2010	Friend of Children Award Tennessee Chapter of the American Academy of Pediatrics
2009	AIM Bull's Eye Award for Innovation and Excellence in Immunization (TIP Team Project Lead) Pandemic H1N1 Vaccine Provider Pre-Registration Program

MANUSCRIPT REVIEWER

2001-present (ad hoc)	<i>Emerging Infectious Diseases</i> <i>Nicotine and Tobacco Research</i> <i>American Journal of Public Health</i> <i>Infection Control and Hospital Epidemiology</i> <i>Journal of the American Medical Association</i> <i>Vaccine</i>
-----------------------	---

VOLUNTEER ACTIVITIES

2012-2018	Director, Siloam Health Faith-based, non-profit clinic serving the uninsured, primarily immigrants and refugees, Nashville, Tennessee.
-----------	--

Clinical Services Subcommittee (2012-present; Chair, 2014-2015)

2000, 2002, 2005	Volunteer Physician Mayfair Church Medical Mission Team San Antonio, Toledo District, Belize
1996	Volunteer Medical Training Child in Need Institute of Calcutta, India, and Kathmandu, Nepal

PROFESSIONAL SOCIETIES

- American College of Preventive Medicine
- Council of State and Territorial Epidemiologists
- Association of Immunization Managers (2004-2018)
- International Association of Immunization Managers
- Tennessee Public Health Association
- Breakfast Club of Nashville (BCON): professional association for businesswomen

MANAGEMENT EXPERIENCE

As Director of the TDH Immunization Program:

- Principle Investigator on the CDC Immunizations and VFC Cooperative Agreement, with operating budget >\$6 million, oversight of operations and strategic planning
- Responsible for ~\$100 million in federal vaccines through the VFC entitlement program administered through more than 600 volunteer partner clinics statewide
- Established new state positions and expanded program from 7 state FTEs to 31 state FTEs, including 7 epidemiologists, 6 nurses

As a Director of Siloam Health:

- Fiduciary responsibility for Siloam Health, providing leadership, financial accountability, fundraising support, and strategic planning

MEDIA EXPERIENCE

Extensive media and crisis/emergency risk communication training and experience since 2001 on public health, anthrax, influenza, pandemic preparedness, vaccine-preventable disease and immunization, with 10-20 interviews annually 2004-2018. Experience includes live and recorded television and radio interviews, live call-in television shows, local and national print media interviews and a minimum of 5 press releases annually for the TDH from 2004-2018.

PEER-REVIEWED PUBLICATIONS

1. Marlow MA, **Moore KL**, DeBolt C, Patel M, Marin M. Health departments' experience with mumps outbreak response and use of a third dose of MMR vaccine. *Journal of Public Health Management and Practice*. Published ahead of print, Feb 22, 2019. doi: 10.1097/PHH.0000000000000965. Last accessed April 20, 2019.
2. Marlow MA, Marin M, **Moore KL**, Patel M. CDC Guidance for Use of a Third Dose of MMR Vaccine during Mumps Outbreaks. *Journal of Public Health Management and Practice*. Published ahead of print, Feb 14, 2019. doi: 10.1097/PHH.0000000000000962. Last accessed April 20, 2019.
3. **Moore KL**, Fankhauser MK, Hull PC. Tennessee's 3-Star Report: Using Available Data Systems to Reduce Missed Opportunities to Vaccinate Preteens. *Biomedical Informatics Insights*. 2016;8(S2) 15-21.
4. Tan LJ, SHAPE Vaccine Delivery Working Group (member). From refrigerator to arm: issues in vaccination delivery. *Vaccine*. 2014 May 1;32(21):2389-93.
5. Williams SE, Vellozzi C, Edwards KM, **Moore KL**, Sharma D, Creech CB. Evaluation of the feasibility of a state-based vaccine safety advice network. *Vaccine*. 2014 Feb 12;32(8):901-3.
6. Kainer MA, Devasia RA, Jones TF, Simmons BP, Melton K, Chow S, Broyles J, **Moore KL**, Craig AS, William Schaffner. Response to an emerging infection leading to outbreak of linezolid-resistant enterococci. *Emerg Infect Dis*. 2007;13:1024-1030.
7. **Moore KL**, Kainer MA, Badrawi NH, Afifi S, Wasfy M, Bashir MM, Graham TW, Gipson R, Jernigan DB, Mahoney F. Neonatal Sepsis in Neonatal Intensive Care Unit Patients- Cairo, Egypt, 2001. *Pediatr Infect Dis J*. 2005;24:590-594.
8. **Moore KL**, Sinkowitz-Cochran RL, Safran MA, Chamberland ME, Pearson ML. Anthrax and the Mail: The Making of an Educational Video for Mail Workers. *Am J Infect Control*. 2003;31(3):178-80.

BOOK CHAPTER

1. **Moore KL**, Dooley SL, Jarvis WR. *Mycobacterium Tuberculosis*, in: C. Glen Mayhall, ed. *Hospital Epidemiology and Infection Control*, 3rd Ed., Lippincott Williams and Wilkins, Baltimore, 2004.

INVITED PUBLICATIONS / MMWRS

1. Brennan J, **Moore K**, Sizemore L, et al. Notes from the Field: Acute Hepatitis A Virus Infection Among Previously Vaccinated Persons with HIV Infection — Tennessee, 2018. MMWR Morb Mortal Wkly Rep 2019;68:328–329.
2. Doshani M, Weng M, **Moore KL**, Romero JR, Nelson NP. Recommendations of the Advisory Committee on Immunization Practices for Use of Hepatitis A Vaccine for Persons Experiencing Homelessness. MMWR Morb Mortal Wkly Rep 2019;68:153-156.
3. Nelson N, Link-Gelles R, Hofmeister M, Romero J, **Moore KL**, Ward J, Schillie S. Update: Recommendations of the Advisory Committee on Immunization Practices for Use of Hepatitis A Vaccine for Post-exposure Prophylaxis and for International Travel. MMWR Morb Mortal Wkly Rep. 2018;67:1216-1220.
4. Dooling KL, Guo A, Patel M, Lee GM, **Moore KL**, Belongia EA, Harpaz R. Recommendations of the Advisory Committee on Immunization Practices for Use of Herpes Zoster Vaccines. MMWR Morb Mortal Wkly Rep 2018;67:103–108.
5. Marin M, Marlow M, **Moore KL**, Patel M. Recommendation of the Advisory Committee on Immunization Practices for Use of a Third Dose of Mumps Virus–Containing Vaccine in Persons at Increased Risk for Mumps During an Outbreak. MMWR Morb Mortal Wkly Rep 2018;67:33–38.
6. Patton ME, Stephens D, **Moore K**, MacNeil JR. Updated Recommendations for Use of MenB-FHbp Serogroup B Meningococcal Vaccine — Advisory Committee on Immunization Practices, 2016. MMWR Morb Mortal Wkly Rep 2017;66:509–513.
7. **Moore KL**. New Tennessee Immunization Regulations for Child Care, Pre-School, School and College. The Prevention and Intervention News. Tennessee Chapter of the American Academy of Pediatrics. 2010;1:3.
8. **Moore KL**. All About Vaccines: Access, Storage, Safety. The Prevention and Intervention News. Tennessee Chapter of the American Academy of Pediatrics. 2008;1:6-8.
9. Centers for Disease Control and Prevention. Tropical Diabetic Hand Syndrome --- Dar es Salaam, Tanzania, 1998 – 2002. Morbidity and Mortality Weekly Report. 2002;51:969- 970.

ABSTRACTS PUBLISHED

1. Bah A, **Moore KL**. Development of a Vaccines for Children Program Data Quality Report Card. American Immunization Registry Association Annual Meeting, Salt Lake City, UT, August 14-17, 2018. (oral presentation).
2. Chao S, **Moore KL**. Pros and Cons of 1:1 vs. 1:Many Patient Active/Inactive Status Structures. American Immunization Registry Association Annual Meeting, Salt Lake City, UT, August 14-17, 2018. (oral presentation)
3. O’Shea EM, **Moore KL**. 2017-2018 VFC Influenza Vaccine Distribution Tool and Process Improvement. National Immunization Conference, Atlanta, GA, May 15-17, 2018. (poster)
4. Jones, C. **Moore KL**. State Data Drives Messaging to Obstetric Providers for Strong Maternal Tetanus-Diphtheria-Pertussis (Tdap) Vaccine Recommendations, 2017. National Immunization Conference, Atlanta, GA, May 15-17, 2018. (poster)
5. Bah A, Hartert NN, **Moore KL**. Use of a Biannual Customer Service Survey to Improve IIS. American Immunization Registry Association IIS National Meeting. Chicago, IL, April 13, 2017. (oral presentation)
6. Fankhauser MK, **Moore KL**. A Flexible Solution to an Unpredictable Situation: Tennessee’s Process for Allocating Pandemic Influenza Vaccine. 2014 Council of State and Territorial Epidemiologists Annual Conference. Nashville, TN, June 22-26, 2014. (poster)
7. **Moore KL**, Wells K, Fox-Fields H. Characterization and Costs of Vaccine Storage Failures Resulting in Wasted Vaccine. National Immunization Conference, Atlanta, GA, April 19-22, 2010. (poster)
8. Frost BA, Kainer MA, Thiantai T, Green AL, Kranz MK, MacFarquhar J, Moore, BK, Ingram A, **Moore KL**, H1N1 Vaccine Distribution Team. Brother, Can You Spare a Dose (of H1N1 Vaccine)? Flexibility is Key to Efficient Distribution. Council of State and Territorial Epidemiologists Annual Conference, Portland, OR, June 6-10, 2010. (oral presentation)
9. Frost BA, Kainer MA, Thiantai T, Green AL, Kranz MK, MacFarquhar J, Moore, BK, Ingram A, **Moore KL**, H1N1 Vaccine Distribution Team. Brother, Can You Spare a Dose (of H1N1 Vaccine)? Flexibility is Key to Efficient Distribution. 44th National Immunization Conference, Atlanta, GA, April 19-22, 2010. (oral presentation)
10. Kainer MA, Frost BA, Thiantai T, Green AL, Kranz MK, MacFarquhar J, Moore, BK, Ingram A, **Moore KL**, H1N1 Vaccine Distribution Team. Brother, Can You Spare a Dose (of H1N1 Vaccine)? Flexibility is Key to Efficient Distribution. 5th Decennial International Conference on Healthcare-Associated Infections, Atlanta, GA, March 18-22, 2010. (poster)

11. Garman RL, **Moore KL**. Results of the 2007 Immunization Status Survey of 24-Month-Old Children in Tennessee. National Immunization Conference, Dallas, TX, March 31-April 2, 2009. (poster)
12. Garman RL, **Moore KL**. Influenza-Like-Illness Surveillance in Tennessee: The Tennessee Enhanced Sentinel Provider Network, 2007-2008. Seasonal and Pandemic Influenza 2009, Washington, DC, February 2-3, 2009. (poster)
13. **Moore KL**, Wells K. The Perceived Importance of Vaccine Storage Problems and Variability of Storage and Handling Policies among Immunization Programs in the US. National Immunization Conference, Atlanta, GA, March 17-20, 2008. (oral presentation)
14. Devasia R, Kainer MA, Jones TF, Melton K, Chow S, **Moore KL**, Simmons B, Craig AS, Schaffner W. The first reported hospital outbreak of linezolid resistant enterococcus – an emerging hospital infection control problem. Infectious Diseases Society of America Conference, San Francisco, CA, October 6 – 9, 2005. (poster)
15. **Moore KL**, Vijayaraghavan M. Change in Tobacco-Attributable Risk Percent of Low- and Very-Low-Birthweight Births —United States, 1990-2000. 52nd Annual EIS (Epidemic Intelligence Service) Conference, Atlanta, GA, March 31 – April 4, 2003. (oral presentation)
16. Safran MA, Sinkowitz-Cochran RL, **Moore KL**, Pearson ML, Chamberland ME. Providing anthrax education for persons who process, sort, and deliver the mail. American Public Health Association Annual Meeting, Philadelphia, November, 2002. (oral presentation)
17. Sinkowitz-Cochran RL, Safran MA, **Moore KL**, Chamberland ME, Pearson ML. Communicating a prevention message at a time of public health crisis: lessons from the anthrax bioterrorist attacks. Association for Professionals in Infection Control and Epidemiology, Inc. (APIC) 29th Annual Educational Conference and International Meeting, Nashville, Tennessee, May 2002. (poster)
18. **Moore KL**, Kainer MA, Badrawi NH, Afifi S, Wasfy M, Bashir MM, Jernigan DB, Mahoney F. Early-Onset Sepsis in Neonatal Intensive Care Unit Patients-Cairo, Egypt, 2001. 51st Annual EIS (Epidemic Intelligence Service) Conference, Atlanta, GA, April 22-26, 2002. (oral presentation)
19. **Moore KL**, Kainer MA, Badrawi NH, Afifi S, Wasfy M, Bashir MM, Jernigan DB, Mahoney F. Early-Onset Sepsis in Neonatal Intensive Care Unit Patients-Cairo, Egypt, 2001. Society for Healthcare Epidemiology of America, Salt Lake City, UT, April 6-9, 2002. (oral presentation)

INVITED PRESENTATIONS

1. Securing Yourself, Your Staff and Your Facility from Vaccine-Preventable Diseases: Pandemic Influenza and Other VPDs. Ballad Health Symposium. March 26, 2019.
2. Immunization Update. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 31, 2018.
3. The Tennessee Immunization Program. Cumberland Pediatric Foundation Annual Practice Managers Meeting. Nashville, TN, March 8, 2018.
4. A Strong Immunization Infrastructure: Increasing and Sustaining Adult Vaccination Rates. U.S. House of Representatives Staff Educational Briefing, hosted by the Adult Vaccine Access Coalition and the Congressional Public Health and Prevention Caucus. Washington, D.C., November 2, 2017.
5. Immunization Update. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 27, 2017.
6. Mumps: What's Going On? What Else Can We Do? Tennessee Emerging Infections Program Scientific Presentation Day. Nashville, TN, October 17, 2017.
7. Immunization Program Director's Update. TriMED Healthcare Summit. Nashville, TN, September 8, 2017.
8. HPV Vaccine Panel. Tennessee Cancer Consortium Conference. Nashville, TN, July 20, 2017.
9. HPV Vaccine Updates & Vaccines in Pregnancy: Advancing Health in Women and Infants. 2017 TDH Annual Women's Health Spring Update. Franklin, TN, April 21.
10. Tennessee Immunization Program Updates. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, November 10, 2016.
11. Vaccine Storage and Handling. National Foundation for Infectious Diseases (NFID) Clinical Vaccinology Course. Philadelphia, PA, November 6, 2016.
12. Tennessee Immunization Program Updates. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 26, 2016.
13. Vaccine Storage and Handling. National Foundation for Infectious Diseases (NFID) Clinical Vaccinology Course. Phoenix, AZ, March 19, 2016.

14. Vaccine Storage and Handling. National Foundation for Infectious Diseases (NFID) Clinical Vaccinology Course. Bethesda, MD, November 14, 2015.
15. Tennessee Immunization Program Updates. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, October 30, 2015.
16. Tennessee Immunization Program Updates. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 28, 2015.
17. HPV Vaccine. Teal for Two CME Conference. Jackson, TN, September 16, 2015.
18. Early Stage Implementation of the Template State-Pharmacy MOU for Pandemic Influenza Vaccination. CDC Immunization Awardee Meeting. July 15, 2015.
19. HPV Vaccine Update. Tennessee Department of Health Women's Health Spring Update. Franklin, TN, April 16, 2015.
20. Vaccine and Cancer Prevention. MedTenn 2015. Tennessee Medical Association Annual Meeting. Nashville, TN, April 10, 2015.
21. Vaccine Storage and Handling. National Foundation for Infectious Diseases Clinical Vaccinology Course. Houston, TX, March 14, 2015.
22. Peer to Peer Immunization Manager Program: From Tennessee to Tirana. Inaugural Meeting, International Association of Immunization Managers. Istanbul, Turkey, March 4, 2015.
23. HPV Vaccine. Teal for Two Cervical Cancer Prevention Conference, Memphis, TN, January 21, 2015.
24. Vaccine Storage and Handling. National Foundation for Infectious Diseases Clinical Vaccinology Course. Houston, TX, November 8, 2014.
25. Tennessee Immunization Program Updates: TennIIS and More. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, November 5, 2014.
26. Tennessee Immunization Program Updates. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 31, 2014.
27. Vaccine Temperature Monitoring at the Last Mile in Tennessee. 12th Annual Cold Chain GDP and Temperature Management Logistics Global Forum. Boston, MA, October 2, 2014.

28. Adolescent Vaccines: Essential Safety Features on the Road to Healthy Adulthood. Tennessee State Pediatric Conference, Franklin, TN, September 20, 2014.
29. Immunization Certificate Validation Tool: AIM Bull's-Eye Award Winner. Immunization Program Managers Meeting, Atlanta, GA, July 9, 2014.
30. Vaccines for Women: Opportunities to Save Lives. Tennessee Department of Health Women's Health Spring Update. Franklin, TN, April 24, 2014.
31. Vaccine Storage and Handling. National Foundation for Infectious Diseases Clinical Vaccinology Course. Seattle, WA, March 22, 2014.
32. Tennessee Immunization Program Updates. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 30, 2013.
33. Tennessee Immunization Program Updates. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, October 25, 2013.
34. Tennessee Web Immunization System and Immunization Certificate Validation Tool. Coordinated School Health Institute, Murfreesboro, TN, April 17, 2013.
35. Vaccination in the Immunization Neighborhood. National Foundation of Infectious Diseases Clinical Vaccinology Course. Biannual course, November 2012 (Miami), March 2013 (Chicago), November 2013 (Boston).
36. Vaccines in the Clinic Refrigerator: Current Issues and Obstacles. From Refrigerator to Arm: Best Practices for Vaccination Delivery Meeting, Washington, DC, May 5, 2012.
37. Coordinated School Health Workshop: Immunization Matters. Tennessee Department of Education Coordinated School Health Institute, Murfreesboro, TN, May 3, 2012.
38. Improving Immunization Coverage in West Tennessee: You Can Get There From Here. Step 1: What is "There" and where is "Here"? West Tennessee Public Health Association Regional Meeting, Jackson, TN, April 13, 2012.
39. CAT: Absorbing 317 Budget Cuts in Tennessee Health Departments. CDC Immunization Program Managers Meeting, Atlanta, GA, February 2, 2012.
40. Tennessee Immunization Program Updates. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, November 3, 2011.
41. Tennessee Immunization Program Updates. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 27, 2011.

42. Tennessee Immunization Program Updates. Tennessee Public Health Association Annual Meeting. Cool Springs, TN, September 16, 2011.
43. Tennessee Immunization Program: Success and Challenges. Volunteer State Medical Association Annual Meeting. Jackson, TN, June 11, 2011.
44. Tennessee Immunization Update: Vaccine Coverage Rates. Vanderbilt University School of Medicine Infectious Diseases Division Grand Rounds. Nashville, TN, January 5, 2011.
45. Immunization Recommendations, Rates and Requirements: What You Should Know. Tennessee Association of School Nurses Annual Fall Meeting. Murfreesboro, TN, November 12, 2010.
46. 2010-2011 Influenza Season. Tennessee Emerging Infections Program Scientific Presentation Day. Nashville, TN, September 30, 2010.
47. Immunization Potpourri: What Regional Epidemiologists Should Know. Tennessee Department of Health Statewide Regional Epidemiologists Meeting, Nashville, TN, September 29, 2010.
48. Immunization Recommendations, Rates, Requirements: What you should know. Meharry Medical College Family and Community Medicine Grand Rounds, Nashville, TN, August 4, 2010.
49. Tennessee Immunization Program Update. Tennessee Academy of Pediatrics Practice Managers Network Conference. Nashville, TN, June 11, 2010.
50. Tennessee Immunization Program Update. Community Physician and Public Health Education Session. Elizabethton, TN, June 29, 2010.
51. Tennessee's H1N1 Pandemic Experience. Featured Session Presentation. National Immunization Conference, Atlanta, GA, April 19-22, 2010.
52. 2009 Immunization Update. Tennessee Academy of Family Physicians Annual Scientific Meeting. Gatlinburg, TN, October 28, 2009.
53. Characterization of Vaccine Waste Resulting from Storage Failures Identified by Immunization Programs, July 13 through September 4, 2009. CDC Immunization Program Managers Meeting, Atlanta, GA, January 17, 2010. (oral presentation)
54. 2009-2010 Seasonal and Pandemic Influenza Vaccine Update. Tennessee Hospital Advisory Committee Meeting. Nashville, TN, August 20, 2009.

55. Childhood Immunization: Keeping Kids on the Road to Health. Tennessee Academy of Pediatrics Practice Managers Network Conference. Nashville, TN, June 19, 2009.
56. Hepatitis A Outbreak: Cherokee Lake, Tennessee, May 2008. Council of Southern State Epidemiologists Meeting. Nashville, TN, December 17, 2008.
57. Hepatitis A Virus Post-Exposure Prophylaxis: New CDC Guidelines. Tennessee Department of Health Statewide Regional Epidemiology Meeting, Nashville, TN, September 5, 2008.
58. Vaccine Safety Facts and Fears. East Tennessee Public Health Association Annual Meeting. Gatlinburg, TN, May 30, 2008.
59. Vaccine Safety Update: Facts behind the Hype. Tennessee Public Health Association Middle Tennessee Annual Meeting. Franklin, TN, April 18, 2008.
60. Mitigating the Spread of Pandemic Influenza in Our Communities. Tennessee Bar Association Continuing Legal Education Event. Nashville, TN, March 14, 2008.
61. Pandemic Influenza: Are We Ready Yet? Maury Regional Hospital Grand Rounds. Columbia, TN, November 8, 2007.
62. To report or not to report [in NEDSS]...That's a good question! Tennessee Regional Epidemiology Statewide Meeting, Nashville, TN, October 16, 2007.
63. Immunization Update. Tennessee Association of Physician Assistants Annual Meeting. Nashville, TN, March 2007.
64. New Recommendations for Influenza Vaccination of Health Care Personnel. Tennessee Infection Prevention Network. Nashville, TN, October 17, 2006.
65. School Superintendents Orientation to Pandemic Influenza and Response Planning for Schools. Tennessee State School Superintendents Annual Meeting. Pigeon Forge, TN, September 24, 2006.
66. New Immunization Recommendations for Healthcare Workers. Smoky Mountain Association of Professionals in Infection Control (APIC) Conference. Pigeon Forge, TN, September 15, 2006.
67. Pandemic Influenza and Business Preparation. Tennessee Governor's Business Conference. Nashville, TN, September 12, 2006.
68. Pandemic Influenza and Business Preparation. Tennessee Chambers of Commerce Executive Directors Conference. Nashville, TN, August 24, 2006.

69. Orientation to Pandemic Influenza Response Planning for Occupational Health Nurses. Tennessee State Association of Occupational Health Nurses. Nashville, TN, August 18, 2006.
70. Orientation to Pandemic Influenza and the Tennessee Department of Health Pandemic Response Plan. One-hour lecture presented in a series of 4 regional community-wide pandemic influenza planning conferences, various cities, May-August 2006.
71. Orientation for Hospitals to Pandemic Influenza and the Tennessee Department of Health Pandemic Response Plan. Presented at 3 Pandemic Influenza Planning for Hospitals Conferences, August 4 (Nashville), 11 (Memphis) and 25 (Knoxville), 2006.
72. School Board Orientation to Pandemic Influenza and Response Planning for Schools. State School Board Association. Nashville, TN, August 4, 2006.
73. Tennessee Department of Health Pandemic Influenza Plan. Mountain Empire Pandemic Influenza Planning Conference. Abingdon, VA, July 12, 2006.
74. Pandemic Influenza Planning and Nursing Homes in Tennessee. Tennessee Healthcare Association. Nashville, TN, April 28, 2006.
75. Vaccine Storage and Handling Equipment Recommendations in Tennessee. National Immunization Conference, Atlanta, GA. March 6, 2006.
76. Pandemic Influenza and Response Planning in Tennessee. Testimony before the Tennessee State Legislature General Welfare Committee. Nashville, TN, February 8, 2006.
77. Update on Adolescent Vaccine Issues. Tennessee Emerging Infections Program Scientific Presentation Day. Nashville, TN, October 19, 2005.
78. The Medical Epidemiologist in State and National Public Health. East Tennessee State University School of Medicine, Johnson City, TN, August 18, 2005.