

CURRICULUM VITAE

PAUL CAMPBELL ERWIN, MD, DrPH

August 2018

Present Position and Address:

Dean
School of Public Health
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EDUCATION

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| 1979 | B.S. (cum laude), University of the South, Sewanee, Tennessee |
| 1983 | M.D., University of Alabama in Birmingham, School of Medicine |
| 1988 | M.P.H., The Johns Hopkins University, School of Hygiene and Public Health, concentration in International Health |
| 2009 | Dr.P.H., University of North Carolina, Gillings School of Global Public Health, Department of Health, Policy, and Administration. Dissertation: <i>How Changes at the Local Health Department level are Associated with Improvements in Health Outcomes at the State Level</i> |

TRAINING

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| 1983-1987 | Internship and Residency: University of Virginia Affiliated Hospitals Program in Internal Medicine, Roanoke and Salem, Virginia |
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CERTIFICATION

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| 1984 | Diplomat, National Board of Medical Examiners |
| 1988 | American Board of Internal Medicine |
| 1993 | American Board of Preventive Medicine (Public Health and General Preventive Medicine) |

PROFESSIONAL MEMBERSHIP (current)

American Public Health Association
National Association of County and City Health Officials
Tennessee Public Health Association (elected President 2016-2017)
American College of Physicians
American College of Preventive Medicine (appointed as Fellow, 1997)

APPOINTMENTS/ACTIVITIES (further detail below)

1995-96	Scholar, National Public Health Leadership Institute
1995-2000	Member, Oak Ridge Health Agreement Steering Panel, Oak Ridge Tennessee
1997	Fellow, American College of Preventive Medicine
1998-2004	APEXPH Work Group (later re-named MAPP) National Association of County and City Health Officials; appointed as MAPP Work Group Chair 6/2001-3/2004, and simultaneously member of the work group to establish the Local Tool of CDC's National Public Health Performance Standards Program
1999-2001	Committee on Bioterrorism, National Association of County and City Health Officials
1999-2001	Chair of the Folic Acid Committee, East Tennessee Chapter of the March of Dimes
2000-2007	Adjunct Assistant Professor, Department of Health and Safety Sciences, University of Tennessee
2006-2008	MAPP Work Group, National Association of County and City Health Officials
2007-2013	Member, Research and Evaluation Committee, Public Health Accreditation Board
2007-2015	Member, Scientific Advisory Committee for United Health Foundation's <i>America's Health Rankings</i> report
2008-2018	Board Member, Tennessee Institute for Public Health
2008-present	Editorial Board, <i>Journal of Public Health Management and Practice</i>
2009-2015	Board Member, Public Health Foundation; 2011-2013: Secretary-Treasurer
2010-2011	Committee on Access to Oral Health Services, Institute of Medicine, National Academy of Sciences
2010-2011	Fellow in Health Policy, The Howard Baker Center for Public Policy, University of Tennessee
2011-2012	Member, Workgroup on Community Health Assessment/Community Health Improvement Plan; National Association of County and City Health Officials
2012-2013	Expert Panel on achievements in <i>America's Health Rankings</i> , Association of State and Territorial Health Officials and the United Health Foundation
2012-2018	Advisory Committee, Center for Literacy, Education, and Employment; University of Tennessee
2013-2016	Research Advisory Council of the Public Health Accreditation Board
2013-2016	Faculty Fellow, Center for Business and Economic Research, University of Tennessee

- 2013 Member, Special Emphasis Panel for Funding Opportunity Announcement DP14-001 – Health Promotion and Disease Prevention Research Centers, Centers for Disease Control and Prevention, November 2013.
- 2015-2020 Associate Editor, *American Journal of Public Health*
- 2015-2016 Senior Associate Editor, *Frontiers in Public Health Services and Systems Research*
- 2015-2018 Member, University of Tennessee Institutional Review Board
- 2015-present Member, Editorial Board, *MEDICC Review (Medical Education Cooperation with Cuba)*
- 2015-2016 Member, University of Tennessee Employee Wellness Advisory Committee
- 2016-2018 Member, Profile Workgroup, National Association of County and City Health Officials (NACCHO)
- 2017-2018 Member, University of Tennessee Graduate School of Medicine’s Continuing Education Advisory Committee

OTHER ACTIVITIES

- 2000-2005 Cubmaster, Pack 388, Townsend, TN
- 2005-2012 Assistant Scoutmaster, Troop 777, Walland, TN

PROFESSIONAL EXPERIENCE

- 1983 Participant in the Health Survey of the Arrun River Valley, Nepal (Co-sponsored by the Woodlands Institute, Cherry Grove, West Virginia, the Johns Hopkins School of Hygiene and Public Health, and the Medical Institute of Nepal, Tribhuvan University)
- 1984-1985 Emergency Room Physician and locum tenens in Internal Medicine Winchester, Tennessee
- 1988-1990 Fellow in International Health
Department of Community Health Sciences
The Aga Khan University
Karachi, Pakistan
- 1990-1994 Regional Health Officer
East Tennessee Region
Tennessee Department of Health
- 1994-1995 Staff Physician, Buncombe County Health Department, Asheville, NC
- 1995-2007 Regional Director
East Tennessee Regional Office
Tennessee Department of Health
- 2007 - 2012 Professor and Founding Director, University of Tennessee

Center for Public Health, later the Center for Health Policy and Services Research

- 2010 - 2018 Professor and Department Head, Department of Public Health, College of Education, Health, and Human Sciences, University of Tennessee
- 2018 – present Dean, School of Public Health, The University of Alabama at Birmingham

PUBLICATIONS

1. **Erwin PC.** To use or not to use combined hormonal oral contraceptives during lactation. *Family Planning Perspectives.* 26:26-30, 1994.
2. **Erwin PC.** Health Planning and Health Care for the Poor: The Internal Ethic of Public Health. *Journal of Health and Social Policy.* 7(3):47-65, 1996.
3. Centers for Disease Control and Prevention. Outbreak of Escherichia coli O157:H7 infection – Georgia and Tennessee, June 1995. *MMWR.* 45(12):249-251, 1996.
4. **Erwin PC,** Brumley D, Bristow F. Physician reporting of communicable diseases in East Tennessee: Implications for statewide underreporting. *Journal of the Tennessee Medical Association.* 92(2):61-62, 1999.
5. Jones TF, Craig AS, Nasci RS, Patterson LER, **Erwin PC,** Gerhardt RR, Ussery XT, and Schaffner W. Newly recognized focus of LaCrosse encephalitis in Tennessee. *Clinical Infectious Diseases.* 28:93-7, 1999.
6. Craig AS, **Erwin PC,** Schaffner W. et al. Carriage of multi-drug - resistant Streptococcus pneumoniae and impact of chemoprophylaxis during an outbreak of meningitis at a day care center. *Clinical Infectious Diseases.* 29:1257-64, 1999.
7. **Erwin PC.** Health Assessment of the East Tennessee Region: A simplified approach using maps. *Journal of Public Health Management and Practice.* 6(6):89-93, 2000.
8. Jones TF, **Erwin PC,** Craig AS, Baker P, Touhey KE, Patterson LER, and Schaffner W. Serological survey and active surveillance for LaCrosse virus infection among children in Tennessee. *Clinical Infectious Diseases.* 31:1284-7, 2000.
9. Gerhardt RR, Gottfried KL, Apperson CS, Nasci RS, Davis BS, **Erwin PC,** Panella PA, Smith AB. The first isolation of La Crosse encephalitis virus from naturally infected *Aedes albopictus*. *Emerging Infectious Diseases.* 7:807-811, 2001.
10. **Erwin PC,** Jones TF, Gerhardt RR, Halford SK, et al. La Crosse encephalitis in eastern Tennessee: Clinical, environmental, and entomological characteristics from a blinded cohort study. *American Journal of Epidemiology.* 155:1060-1065, 2002.

11. Hardin SG, **Erwin PC**, Patterson L, New D, Graber C, Halford SK. Clinical comparisons of LaCrosse encephalitis and enteroviral central nervous system infections in a pediatric population: 2001 surveillance in East Tennessee. *American Journal of Infection Control*. 31(8):508-510, 2003.
12. Centers for Disease Control and Prevention. Trichinellosis associated with bear meat – New York and Tennessee, 2003. *MMWR*. 53(27):606-610, 2004.
13. **Erwin PC**, Bemis DA, Mawby DI, McCombs SB, Sheeler LL, Himelright IM, et al. *Mycobacterium tuberculosis* transmission from human to canine. *Emerging Infectious Diseases*. 10:2258-2260, 2004.
14. **Erwin PC**, Hamilton CB, Welch S. Students in the community: MAPP as a framework for academic-public health practice linkages. *Journal of Public Health Management and Practice*. 11(5), 437-441, 2005.
15. Amon JJ, Devasia R, Xia G, Nainan OV, Hall S, Lawson B, Wolthuis JS, Macdonald PD, Shepard CW, Williams IT, Armstrong GL, Gabel JA, **Erwin P**, Sheeler L, Kuhnert W, Patel P, Vaughan G, Weltman A, Craig AS, Bell BP, Fiore A. Molecular epidemiology of foodborne hepatitis A outbreaks in the United States, 2003. *Journal of Infectious Diseases*. 192:1323-30, 2005.
16. Jones TF, Creech CB, **Erwin P**, Baird SG, Woron AM, Schaffner W. Family outbreaks of invasive community-associated methicillin-resistant *Staphylococcus aureus* infection. *Clinical Infectious Diseases*. 2006;42:e76–8.
17. **Erwin PC**, Hamilton CB, Welch S Hinds B. The local public health system assessment of MAPP/The National public Health Performance Standards Local Tool: A community-based, public health practice, and academic collaborative approach to implementation. *Journal of Public Health Management and Practice*. 12(6), 528-532, 2006.
18. **Erwin PC**. The performance of local health departments: a review of the literature. *Journal of Public Health Management and Practice*. 14(2), e9-e18, 2008.
19. **Erwin PC**. The Physician as Public Health Officer. *West Virginia Medical Journal*. 104(1), 40-41, 2008.
20. **Erwin PC**. Poverty in America: how public health practice can make a difference. *American Journal of Public Health*. 98, 1570-1572, 2008.
21. **Erwin PC**, Sheeler L, Lott JM. A shot in the rear, not a shot in the dark: Application of a mass clinic framework in a public health emergency. *Public Health Reports*. 124(2), 212-216, 2009.
22. **Erwin PC**, Knox County Health Department Self-Assessment Task Force. A Self-Assessment Process for Accreditation Preparedness: A Practical Example for Local Health Departments. *Journal of Public Health Management and Practice*. 15(6), 503–508, 2009.

23. **Erwin PC**, Greene SB, Mays GP, Ricketts TC, and Davis MV. The association of changes in Local Health Department resources with changes in state-level health outcomes. *American Journal of Public Health*.101(4):609-15, 2011. Epub Jun 17, 2010.
24. **Erwin PC**, Fitzhugh EC, Brown KC, Looney S, Forde T. Health disparities in rural areas: The interaction of race, socioeconomic status, and geography. *J Health Care Poor Underserved*. 21(3), 931-945, 2010.
25. Riley WJ and **Erwin PC**. Comparison of Regression and Statistical Process Control: Using Time Series Analysis in Public Health Departments. *Quality Management Forum*. 36(2), 11-15, 2010.
26. **Erwin PC**, Myers CR, Myers MG, Daugherty LM. State responses to *America's Health Rankings*: The search for meaning, utility, and value. *Journal of Public Health Management and Practice*. 2011 Sep-Oct;17(5):406-12.
27. **Erwin PC**, Mays GP, Riley WJ. Resources that may matter: The impact of Local Health Department expenditures on health status. *Public Health Reports*. 127(1):89-95, 2012.
28. Hill, W.A., Petty, G.C., **Erwin, PC**, & Souza, MJ. A Survey of Tennessee Veterinarian and Physician Attitudes, Knowledge, and Practices in Zoonoses Prevention among Animal Owners Infected with HIV/AIDS. *Journal of the American Veterinary Medical Association*. Jun 15;240(12):1432-40, 2012.
29. **Erwin PC**. Invited Editorial Comment: Local Health Department Provision of WIC Services Relative to Local Need – Examining 3 States and 5 Years, *Frontiers in Public Health Services and Systems Research*: Vol. 1: Iss. 1, Article 3, 2012
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol1/iss1/3>
30. Allen P, Brownson RC, Duggan K, Stamatakis KA, **Erwin PC**. The making of an evidence-based local health department: identifying administrative and management practices. *Frontiers in Public Health Services and Systems Research*. Vol 1, No. 2, Article 2. 2012.
31. Brownson RC, Allen P, Duggan K, Stamatakis KA, **Erwin PC**. Fostering more effective public health by identifying administrative evidence-based practices. *Am J Prev Med* 43(3):309 –319, 2012.
32. **Erwin PC** and Mills V. Tennessee's County Health Councils: Partnerships to Improve the Public's Health. *Tennessee Medicine*. Sep;105(8):45-8, 2012.
33. Cilenti D, Brownson RC, Umble K, **Erwin PC**, Summers R. Information-seeking behaviors and other factors contributing to successful implementation of evidence-based practices in local health departments. *Journal of Public Health Management and Practice*. Nov;18(6):571-576. 2012.
34. Bryant JH, Bryant NH, Williams S, Ndambuki RN, **Erwin PC**. Addressing Social Determinants of Health by Integrating Assessment of Caregiver-Child Attachment into

Community Based Primary Health Care in Urban Kenya. *International Journal of Environmental Research and Public Health*. Vol 9 (10):3588-3598. 2012.

35. **Erwin PC**. From the Frontier: Translating Research to Practice. *Frontiers in Public Health Services and Systems Research*: Vol. 1: No. 3, Article 2. 2012
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol1/iss3/2>

36. **Erwin PC**, Knight M, Graham J, Kalos AV, Kent LA, Glenn M, Rayman RJ, Read E, Welch S. Data Synthesis in Community Health Assessment: Practical Examples From the Field. *Journal of Public Health Management and Practice*. 2012 Dec 21. [Epub ahead of print].

37. Bassett DR, Fitzhugh EC, Heath GW, **Erwin PC**, Frederick GM, Wolff DL, Welch WA, Stout AB. Estimated Energy Expenditures for School-Based Policies and Active Living. *Am J Prev Med*. 2013 Feb;44(2):108-13.

38. **Erwin PC**. From the Frontier: Translating Research to Practice...QI as the Hinge Point. *Frontiers in Public Health Services and Systems Research*: Vol. 2: No. 4, Article 3. 2013
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol2/iss4/3>

39. **Erwin PC**, Shah, GH, Mays, GP. The Resilient Local Health Department: Surviving the 2008 Economic Crisis. *Frontiers in Public Health Services and Systems Research*: Vol. 2: No. 5, Article 4. 2013.
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol2/iss5/4>

40. Reis R, Duggan K, Allen P, Stamatakis K, **Erwin PC**, Brownson R. Developing a Tool to Assess Administrative Evidence-Based Practices in Local Health Departments. *Frontiers in Public Health Services and Systems Research*. Vol. 3: No. 3, Article 2. 2014. Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss3/2>

41. **Erwin PC**, Harris JK, Smith C, Leep CJ, Duggan K, Brownson RC. Evidence-based public health practice among program managers in local public health departments. *J Public Health Manag Pract*. Sep-Oct 2014;20(5):472-480.

42. Brownson R, Reis R, Allen P, Duggan K, Fields R, Stamatakis K, **Erwin PC**. Understanding administrative evidence-based practices: Findings from a national survey of local health department leaders. *Am J Prev Med* 46(1):49–57, 2014.

43. **Erwin PC*** and Keck CW. The Academic Health Department: The Process of Maturation. *Journal of Public Health Management and Practice*. 2014 May-Jun;20(3):270-7.
* Special Issue Editor

44. Hamilton CB, Buchanan ML, Grubaugh JH, **Erwin PC**. Forming an Academic Health Department: a Case Example. *Journal of Public Health Management and Practice*. 2014 May-Jun;20(3):304-309.

45. Chudgar R, Shirey LA, Sznycer-Taub M, Read R, Pearson RL, **Erwin PC**. Local Health Department and Academic Institution Linkages for Community Health Assessment and

Improvement Processes: A National Overview and Local Case Study. *Journal of Public Health Management and Practice*. 2014 May-Jun;20(3):349-355

46. **Erwin PC**, Shah, GH, Mays, GP. The local health department and the 2008 economic crisis: characteristics of resiliency. *Am J Prev Med* 46(6), 559-568. 2014.

47. **Erwin PC**. Editorial Comment: Differences in Definitions of EBPH and Evidence: Implications for Communication with Practitioners. *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 2, Article 2. 2014
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss2/2>

48. Knight MA, Kershenbaum AD, Buchanan M, Ridley J, **Erwin PC**. The Effects of the State of Tennessee Immunization Policy Change of 2011 - 2012 on Vaccination Uptake in East Tennessee. *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 1, Article 4. 2014. Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss1/4>

49. Knight MA, Kershenbaum AD, Buchanan M, Ridley J, **Erwin PC**. The Effects of the Changes in Section 317 Rules for Administration of Federally Purchased Vaccines. *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 2, Article 7. 2014.
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss2/7>

50. Barnes PA, **Erwin PC**, Moonesinghe R. Measures of Highly Functioning Health Coalitions: Corollaries for an Effective Public Health System. *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 3, Article 1. 2014
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss3/1>

51. Jacobs JA, Duggan K, **Erwin PC**, et al. Capacity building for evidence-based decision making in local health departments: scaling up an effective training approach. *Implement Sci*. Sep 24 2014;9(1):124.

52. Kershenbaum A, Price J, Nagle NN, **Erwin PC**. The Pattern of Association between U.S. Economic Indicators and Infant Mortality Rates at the State Level. *J Health Care Poor Underserved*. 2014;25(3):1432-1448.

53. Harris JK, **Erwin PC**, Smith C, Brownson RC. The Diffusion of Evidence-Based Decision Making Among Local Health Department Practitioners in the United States. *J Public Health Manag Pract*. Aug 18 2014. [Epub ahead of print]

54. Duggan K, Allen P, Brownson R, **Erwin PC**, Fields R, Reis RS, Smith C, Stamatakis K. What Influences the Use of Administrative Evidence-Based Practices in Local Health Departments? *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 4, Article 1. 2014. Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss4/1>

55. Kershenbaum A, Knight MA, Buchanan ML, Ridley J, and **Erwin PC**. A Case Study of Cross-Jurisdiction Resource Sharing: The Merger of Two Tuberculosis Clinics in East Tennessee. *Frontiers in Public Health Services and Systems Research*: Vol. 3: No. 5, Article 4. 2014. Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol3/iss5/4>

56. **Erwin PC**, McNeely CS, Grubaugh JH, Valentine J, Miller MD, Buchanan M. A Logic Model for Evaluating the Academic Health Department. *J Public Health Manag Pract.* 2015 Feb 26. [Epub ahead of print]
57. **Erwin PC**, Barlow P, Brownson RC, Amos K, Keck CW. Characteristics of Academic Health Departments: Initial Findings From a Cross-Sectional Survey. *J Public Health Manag Pract.* 2015 Feb 9. [Epub ahead of print]
58. Siddiqi A, Jones MK, **Erwin PC**. Does higher income inequality adversely influence infant mortality rates? Reconciling descriptive patterns and recent research findings. *Soc Sci Med.* 2015 Mar 7;131:82-88. doi: 10.1016/j.socscimed.2015.03.010. [Epub ahead of print]
59. **Erwin PC**. Forces of Change. *Am J Public Health.* 2015 Mar 19:e1. [Epub ahead of print]
60. Carlton EL and **Erwin PC**. Answering the Call to Integrate: Simple Strategies from Public Health and Healthcare Executives in One Urban County. *Frontiers in Public Health Services and Systems Research*: Vol. 4: No. 1, : 7-13. 2015
DOI: 10.7290/FPHSSR.0401.02
Available at: <http://uknowledge.uky.edu/frontiersinphssr/vol4/iss1/2>
61. Brownson RC, Allen P, Jacob RR, Harris JK, Duggan K, Hipp PR, and **Erwin PC**. Understanding Mis-implementation in Public Health Practice. *American Journal of Preventive Medicine*, 48(5), 543-551.2015
62. **Erwin PC**, Bialek R. A Matter of Perspective: Seeing Cuban and United States' Health Systems Through a Cultural Lens. Simultaneously published in *Am J Public Health* (2015 Jun 11:e1-e3. [Epub ahead of print]) and *J Public Health Manag Pract.* (May 2015).
63. **Erwin PC**. Public Health and Cuba: Trading on a Two-Way Street. *Am J Public Health.* Oct 2015;105 Suppl 4:S561-562. Published simultaneously in Spanish: Erwin PC. La salud publica y Cuba: un intercambio reciproco. *Am J Public Health.* Oct 2015;105 Suppl 4:S559-560.
64. Roberts R and **Erwin PC**. Pediatricians and the Oral Health Needs of Children: One Potential Means for Reducing Oral Healthcare Inequities. *Journal of the Tennessee Dental Association.* 95:2, 23-27. 2015
65. **Erwin PC**, Harris J, Wong R, Plepys CM, Brownson RC. The academic health department: Academic–practice partnerships among accredited U.S. schools and programs of public health, 2015. *Public Health Reports.* 131 (4), 630-636. 2016
66. Siddiqi A, Jones MK, Bruce DJ, **Erwin PC**. Do racial inequities in infant mortality correspond to variations in societal conditions? A study of state-level income inequality in the U.S., 1992–2007. *Social Science & Medicine.* 9// 2016;164:49-58.
67. Beatty KE, **Erwin PC**, Brownson RC, Meit M, Fey J. Public Health Agency Accreditation Among Rural Local Health Departments: Influencers and Barriers. *Journal of Public Health Management and Practice.* Jan 11 2017. [Epub ahead of print]

68. Leider JP, Shah G, Rider N, Beck A, Castrucci BC, Harris JK, Sellers K, Varda D, Ye J, **Erwin PC**, Brownson RC. Challenges and Innovations in Surveying the Governmental Public Health Workforce. *Am J Public Health*. Nov 2016;106(11):1967-1974.
69. **Erwin PC**, Brownson RC. Macro Trends and the Future of Public Health Practice. *Annu Rev Public Health*. Dec 15 2016.
70. **Erwin PC**, Meschke LL, Ehrlich SF, Moran, JW. A Population Health Driver Diagram to address Neonatal Abstinence Syndrome. *Journal of Public Health Management and Practice*. 2017 Feb 8. doi: 10.1097/PHH.0000000000000533. [Epub ahead of print]
71. **Erwin PC**, Lindley L, Meschke LL, Ehrlich SF. Neonatal Abstinence Syndrome in East Tennessee: Characteristics and Risk Factors among Mothers and Infants in one area of Appalachia. *Journal of Health Care for the Poor and Underserved*. Volume 28, Number 4, November 2017, pp. 1393-1408.
72. Barnes P, **Erwin PC**, Moonesinghe R, Brooks A, Carlton EL, Behringer B. Functional Characteristics of Health Coalitions in Local Public Health Systems: A Case Study Exploring the Function of County Health Councils in Tennessee. *Journal of Public Health Management and Practice*. 2017 Jan 11. [Epub ahead of print]
73. **Erwin PC**. Tracking the Impact of Policy Changes on Public Health Practice. *Am J Public Health*. 2017 May;107(5):653-654. doi: 10.2105/AJPH.2017.303733.
74. **Erwin PC**, Brownson RC. The Public Health Practitioner of the Future. *Am J Public Health*. 2017;107(8):1227-1232.
75. **Erwin PC**, Brownson RC, Livingood WC, Keck CW, Amos K. Development of a Research Agenda Focused on Academic Health Departments. *Am J Public Health*. 2017 Sep;107(9):1369-75.
76. **Erwin PC**. Despair in the American Heartland? A Focus on Rural Health. *Am J Public Health*. 2017 Oct;107(10):1533-1534. doi: 10.2105/AJPH.2017.304029
77. **Erwin PC**, Buchanan M, Read E, Meschke LL. Intentional Paradigm Change: A Case Study on Implementation of Mobilizing for Action through Planning and Partnerships (MAPP). *Journal of Public Health Management and Practice*. 2017;23(6):627.
78. **Erwin PC**. In Memoriam: John H. (Jack) Bryant, MD, 1925-2017. *Am J Public Health*. 2017 Nov;107(11):1747-1749. doi: 10.2105/AJPH.2017.304073
79. Miller JR, Petty GC, **Erwin PC**, Cragle DL. Conceptual Model of the Psychosocial Effects of Beryllium Sensitization and Chronic Beryllium Disease. *American Journal of Public Health Research*. 2018;6(2):72-83.
80. Miller JR, Petty GC, **Erwin PC**, Cragle DL. Psychosocial Effects of Beryllium Sensitization and Chronic Beryllium Disease. *American Journal of Public Health Research*. 2018;6(2):84-98.

81. Miller JR, Petty GC, **Erwin PC**, Cragle DL. Measuring the Psychosocial Effects of Beryllium Sensitization and Chronic Beryllium Disease in Current and Retired Workers. *American Journal of Public Health Research*. 2018;6(2):99-105.
82. Padek M, Allen P, **Erwin PC**, Franco M, Hammond RA, Heuberger B, Kasman M, Luke DA, Mazzucca S, Moreland-Russell S, Brownson RC. Toward optimal implementation of cancer prevention and control programs in public health: a study protocol on mis-implementation. *Implementation Science*. 2018 Mar 23;13(1):49
83. Mehta M, **Erwin PC**. Mid-level Practitioners in Oral Health: Tennessee Dental Professional's Attitudes and Perceptions of the Dental Therapist Workforce Model. *Journal of Health Care for the Poor and Underserved*. In Press. August 2018.
84. Shearer J, Davis SK, **Erwin PC**, Anderson JG, Lindley LC. Neonatal abstinence syndrome and neurodevelopmental health outcomes: A state of the science. *Journal of Neonatal Nursing*. In Press. June 2018.
85. **Erwin PC**. Disaster Preparedness and Response: who will fund? *American Journal of Public Health*. In Press. August 2018

BOOKS/BOOK CHAPTERS

Erwin PC and Brownson RC, eds. *Scutchfield and Keck's Principles of Public Health Practice*. 4th edition. Boston, MA: Cengage Learning. 2016

Erwin PC, Buchanan M, Read E, Meschke LL. Intentional Paradigm Change: A Case Study on Implementation of Mobilizing for Action through Planning and Partnerships. In *JPHMP's 21 Public Health Case Studies on Policy and Administration*. Novick LF, Morrow CB, Novick C., eds. Wolters Kluwer: Philadelphia. 2017.

Other Publications:

Poetry in Poem, Dekalb Literary Arts Journal, Alabama Journal of Poetry, and The American Yearbook of Poetry, 1983

COMMISSIONED REPORTS

Alexander J, Brooks B, **Erwin PC**, et al. *Releases of Contaminants from Oak Ridge Facilities and Risks to Public Health; Final Report of the Oak Ridge Health Agreement Steering Panel*. Office of Epidemiologic Studies (ES&H), Oak Ridge, TN (United States);1999.
<https://www.osti.gov/scitech/biblio/774582>

Erwin PC, Meschke LL, Ehrlich SE Regional Population Health Improvement Plan on Perinatal Health. Report to the Tennessee Department of Health. May 27, 2016.
https://www.tn.gov/assets/entities/health/attachments/2015_Edition_of_the_State_Health_Plan.pdf

PRESENTATIONS (Invited or Refereed)

Bryant JH, **Erwin PC**, Khan KS, Khalid SB. “Economic realities, cultural dilemmas, and political opportunities in Pakistan: The engagement of a third world university.” Presented (by JHB) at the conference: Achieving Health for All: Economic and Social Policy. University of Washington, September 10-13, 1989. Published in Proceedings of the Conference.

Bryant JH, **Erwin PC**, Aslam A. “The role of a third world university in bridging the transfer of technology from the first to the third world.” Presented (by JHB) at the conference sponsored by CIOMS and WHO: Health Technology Transfer -- Whose Responsibility? WHO, Geneva, November 2-3, 1989. Published in Proceedings of the Conference.

de Wit V, Midhet F, **Erwin PC**, Shah SF, Qidwai MA. “Front Line Hospital: A hospital without walls. A study of a rural hospital in Sindh, Pakistan.” Presented (by FM) at the annual conference of the National Council of International Health. Washington, D.C., June 1990.

de Wit V, **Erwin PC**, Rehman FN, Nizamani N. “A study for the formulation of a school feeding program.” Presented (by FN) at the annual conference of the American Public Health Association. Held in New York, NY, October 1990.

Erwin PC. “Health Planning and Health Care for the Poor”. Presented at the conference, Health Care for the Poor and Uninsured: National Health Care Reform, Memphis, TN, August 1992

Erwin PC. “Public Health in East Tennessee”. Presented to the Friends of the Library, University of the South, Sewanee, TN, April 1996.

Erwin PC. “The environment and human disease: health issues in the context of SAMAB”. Presented at the conference on Southern Appalachian, Man and Biosphere, Knoxville, TN, February 1997.

Erwin PC. “Nutrition and Public Health: Operationalizing the Core Functions.” Presentation to 1997 Biennial Public Health Nutrition Leadership Conference, Chapel Hill, NC, June 8, 1996.

Erwin PC. “Darwin and modern medicine: antimicrobial resistance, emerging infections, and the public health response”. Presented as a part of the Maryville College Community Forum, Maryville, TN, November 1998.

Craig AS, **Erwin PC**, Schaffner W, Elliot JA, Moore WL, Dake A, Butler, JC “An Outbreak of Multi-drug Resistant Pneumococcal Meningitis in a Day Care Center.” Poster presentation (by ASC) at the Annual EIS Conference, CDC, Atlanta, March 1997.

Erwin PC. “From church picnics to green onions to SARS: outbreak management across a spectrum of real scenarios”. Presented at the conference, Connecting for the Public’s Health: 2nd Annual Public Health Information Network Stakeholder’s Conference, Atlanta, GA, May 2004.

Erwin PC. “The Physician as Public Health Officer”. Presented (keynote address) to the West Virginia Health Officers meeting, August 31, 2007.

Erwin PC, Hamilton CH, Yunsan C, Hinds B, Welch S. Students in the field: conducting the four assessments in MAPP through a public health practice, academic, and community-based collaborative. Poster presentation. 25th Annual Conference of AcademyHealth, Washington, DC, June 8-10, 2008.

Erwin PC, Fitzhugh EC, Brown K, Looney S, Forde T. Health Disparities in Rural Areas: The Interaction of Race, Socioeconomic Status, and Geography. Poster presentation. Annual Meeting of the American Public Health Association, San Diego, CA, October 25-29, 2008.

Erwin PC, Greene SB, Ricketts TC, Mays GP, Davis M. The Association of Changes in Local Health Department Resources with Changes in State-Level Health Outcomes. Oral Presentation, Second Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 8, 2009.

Erwin PC, Mays GP, Evans MF. Measuring change in health outcomes over time: a comparison of three methods. Oral Presentation, Annual Conference of AcademyHealth, Chicago, IL, June 30, 2009.

Erwin PC, Greene SB, Ricketts TC, Mays GP, Davis M. The Association of Changes in Local Health Department Resources with Changes in State-Level Health Outcomes. Oral Presentation, as part of an invited panel on Public Health Systems and Services Research. Annual Meeting of the American Public Health Association, Philadelphia, PA, November 7-11, 2009.

Erwin PC, Mays GP, Riley W. Resources that may matter: Changes in local health department expenditures and impact on state health measures. Presented at the Third Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 21, 2010.

Erwin PC, Myers C, Myers G, Daugherty, L. Improvements in State Health Outcomes: State Public Health System Performance and State Health Departments’ Responses to *America’s Health Rankings*. Poster presentation, Annual Conference of AcademyHealth, Boston, MA. June 29-30, 2010.

Erwin PC. From Broad Street to Any Street: Why John Snow matters in 2010. Invited opening presentation, Knox County Health Department, Workforce Development Symposium. June, 2010.

Erwin PC, Mills V, Bates D. Measures of Highly Functioning Health Coalitions: Corollaries for an Effective Local Public Health System? Presented at the Fourth Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 20, 2011.

Erwin PC, Varda D, Mills V, Bates D. Health Coalitions as Organizational Corollaries for an Effective Local Public Health System: a Social Network Analysis. Presented at the Annual Conference of AcademyHealth, Seattle, WA, June 15, 2011.

Dotson L, **Erwin PC**, Haughton B. Organizational cultural competence in post-secondary health-related academic units. Presentation during the 139th APHA Annual Meeting (October 29 - November 2, 2011) in Washington, DC.

Erwin PC, Shah, G. The Resilient Local Health Department: attributes of survival during the economic crisis. Presented at the Fifth Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 18, 2012.

Erwin PC, Shah, G, Mays GP. The Resilient Local Health Department: surviving the 2008 economic crisis. Presented at the Annual Research Meeting, AcademyHealth, Baltimore, MD June 24, 2013.

Erwin PC. Evidence-Based Public Health. Presentation at the annual meeting of the Tennessee Public Health Association. Franklin, TN, September 2013.

Erwin PC, Laymon B, Trocchio J. Community Health (Needs) Assessment and Improvement Efforts across the US, 2013. Presentation during the 141st APHA Annual Meeting (November 2-6, 2013) in Boston, MA.

Erwin PC. Evidence-Based Public Health. Presentation at the annual meeting of the Tennessee Public Health Association. Franklin, TN, September 10-12, 2014.

Erwin PC. Building Bridges with Cuba. Panel presentation at the annual meeting of the Association of Schools and Programs of Public Health. Alexandria, VA, March 23, 2015.

Erwin PC. The Academic Health Department. Presentation at the annual meeting of the Association of Schools and Programs of Public Health. Alexandria, VA, March 24, 2015.

Erwin PC, Barlow P, Brownson RC, Amos K, Keck CW. Characteristics of Academic Health Departments. Co-Investigator(s): Poster presentation at the Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 21, 2015.

Grubaugh J, **Erwin PC**, McNeely C, Valentine J, Miller M, Buchanan, M. A Logic Model for Evaluating the Academic Health Department. Poster presentation at the Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 21, 2015.

Brownson RC, Allen P, Jacob R, Harris J, Duggan K, Hipp P, **Erwin PC**. Mis-Implementation in Public Health Practice. Oral presentation at the Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 21, 2015.

Beatty K, Carpenter T, **Erwin PC**, Brownson RC. Accreditation Seeking Decisions in Local Health Departments. Oral presentation at the Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 22, 2015.

Barnes P, **Erwin PC**, Brooks A, Moonesignhe R, Carlton E, Behringer B. Functions and Performance of Community Health Coalitions in Tennessee. Oral presentation at the Annual Keeneland Conference on Public Health Systems and Services Research, Lexington, KY, April 22, 2015.

Erwin PC. An Epidemic of Despair. Oral presentation at the annual meeting of the Rural Health Association of Tennessee, Pigeon Forge, TN, November 16, 2017.

INVITED TEACHING/WORKSHOPS

Session on Searching the Literature, in the “Course on Scientific Writing and Manuscript Preparation”, sponsored by MEDICC Review, PAHO/WHO, National School of Public Health (CU), National Medical Sciences Information Center (CU), February 1-11, 2016, National School of Public Health, Havana, Cuba; and March 6-16, 2017.

Evidence-Based Public Health. A course organized by Dr. Ross Brownson and team from Washington University, delivered to the Kentucky Department of Health, July 24-28, 2017.

TEACHING/SEMINARS

1. Ambulatory Medicine, Aga Khan University, 1989-1990
2. Introductory Epidemiology and Biostatistics, Aga Khan University, 1988-1990.
3. Lectures on Rural Health Care for the class “Rural Sociology”, for Professor Frank Leuthold, Department of Agriculture Economics, 1996-2003 (UT).
4. Lectures on bioterrorism, for Professor John Palisano, University of the South, Sewanee, Tennessee, 2002-2003.
5. Preceptor for MPH and MS/MPH students, 1993-2007 (UT).
6. Guest Lecturer in Public Health 560, Theories and Techniques in Health Planning, with Professor Charles Hamilton, 2002-2007 (UT).
7. Exercise Science 601: Research Seminar for Exercise, Sport, and Leisure Studies, October 2007 (UT): “The University of Tennessee Center for Public Health: one building block towards a stronger public health presence”.
8. Public Health 509 Graduate Seminar in Public Health (University of Tennessee). I provided the following seminars:
 - a. 2007-2017: one presentation/year
 - b. October 2007: “The University of Tennessee Center for Public Health”
 - c. October 2006: “Shallow wells, green onions, and Waffle House: A smorgasbord of Hepatitis A in East Tennessee”
 - d. August 2002: “Mobilizing for Action through Planning and Partnerships”
 - e. April 1997: “Here and now of the Future of Public Health”
 - f. April 1996: “Celebrating Public Health Success in Tennessee” with Dr. Stephanie Hall and Ms. Ann Duncan
 - g. February 1992: “Health Assessment for Rural East Tennessee

9. Seminar presentation to the Graduate School of Medicine, University of Tennessee Medical Center: “The University of Tennessee Center for Public Health”

COURSES (while at the University of Tennessee)

1. Instructor for the Capstone Experience course in the Public Health Leadership Certificate of the Tennessee Workforce Development Consortium. August 2007-May 2009.
2. Public Health 540 (Epidemiology). University of Tennessee, Fall Semester, 2008; Fall Semester 2009; Spring Semester 2010; Fall Semester 2010; Spring Semester 2012; Fall Semester 2016; Spring Semester 2017
3. Public Health 655 (The Nation’s Health). University of Tennessee, Fall Semester, 2009.
4. First Year Studies Seminar, University of Tennessee, Fall Semester, 2009; Fall Semester 2010; Fall Semester 2011; Fall Semester 2013
5. Public Health 609. Public Health Doctoral Seminar. Fall Semester 2010; Spring Semester 2011; Fall Semester 2012; Fall Semester 2013; Fall Semester 2014
6. Public Health 583 (Special Topics): Student Outbreak Rapid Response Training, Fall Semester 2013. Spring Semester 2014.
7. Public Health 305. Disease Epidemiology, Prevention, and Control (3 credit hours). Spring Semester 2014. Re-numbered as Public Health 202. Spring Semester 2015
8. Public Health 509. MPH Seminar. Fall Semester 2014. Spring Semester 2015. Fall Semester 2015.
9. Public Health 541. Student Outbreak Rapid Response Training, Fall Semester 2014; Spring Semester 2015; Spring Semester 2016; Spring Semester 2017; Spring Semester 2018
10. Public Health 401. Global Health. Fall Semester 2015.
11. Public Health 613. Public Health Ethics and Law. Fall Semester 2017.

GRANTS WHILE AT THE UNIVERSITY OF TENNESSEE (beginning September, 2007)

Completed

2008: University of Kentucky’s *Assuring the Future of Public Health Systems Research* program, supported by the Robert Wood Johnson Foundation, for May 2008-April 2009. “*Association of Local Health Department Profiles with changes in America’s Health Rankings, 1990-2006*” \$10,000. (PI)

2009. Robert Wood Johnson Foundation, *Changes in Health Care Financing and Organization*, for February 2009-January 2010. “*Improvements in State Health Outcomes: State Public Health*

Systems Performance and State Health Department Responses to America's Health Rankings". \$133,000. (PI)

2009. Office of Research, University of Tennessee. *"Supporting Public Health Systems and Services Research, through Community-Based Participatory Research"* for August 2009-July 2010. \$50,000; funded for an additional year through June 2011, \$35,000. (PI)

2011-2012. Office of Research, University of Tennessee. Support for Seed Grants on Health Policy Research. \$30,000.(PI)

2010-2013. Health Resources and Services Administration/DHHS, Public Health Training Center, through East Tennessee State University. PI: Dr. Rob Pack. My role: Partner, co-PI for the University of Tennessee, \$25,000 annually. [\$25,000 one-year additional supplement, 2012; additional extension in 2013-14]

2011-2013. National Science Foundation. Catalyzing new international collaboratives. PI: Dr. Hillary Fouts. My role: co-PI. \$88,000.

2012-2013. Public Health Practice-Based Research Network multi-network research implementation award: addressing geographic variation in public health production. Robert Wood Johnson Foundation. \$50,000. (PI)

2010-2014. Robert Wood Johnson Foundation, through the University of Kentucky: "National Coordinating Center for Public Health Systems and Services Research". Total award to University of Kentucky: \$3 million. PI: Dr. Doug Scutchfield. My role: co-PI for Public Health Practice Engagement, \$34,405 annually.

CDC-RFA-CK12-1210 (Dunn)

11/26/2012-07/31/2018

Centers for Disease Control and Prevention, through the Tennessee Department of Health Epidemiology and Laboratory Capacity for Infectious Diseases: Food Safety Modernization Act – Integrated Food Safety Centers of Excellence. The purpose of the Center of Excellence is to strengthen routine foodborne illness surveillance and outbreak investigations; train local and state public health personnel in epidemiological and environmental investigation of foodborne illness; and to train future epidemiology and food safety leaders in foodborne disease surveillance and outbreak investigation. Role: PI, and then co-PI for the University of Tennessee contract, with funds to support the development and implementation of graduate courses that involve both academics as well as local public health practitioners in providing surge capacity to respond to disease outbreaks. Funding variable, from \$60,000 - \$73,000/year.

On-going

NCI R01 - R01CA214530 (Brownson)

04/01/2017-03/31/2022

National Cancer Institute. The purpose of this grant is to explore "mis-implementation" of cancer prevention and control programs in state health departments, i.e., continuing programs that are ineffective and should be discontinued, and discontinuing programs that have been shown to be effective. Role: Consultant on the grant itself, as well as serving as a member of the Advisory Committee to the grant.

TRAINING and CONSULTATIONS

Served as lead trainer for the National Association of County and City Health Officials (NACCHO) on Mobilizing for Action through Planning and Partnerships (MAPP) – Florida, October 1999; Birmingham, October 2002; Nashville, November 2002; Denver, May 2003; Kansas City, February 2006. Served as consultant on MAPP on-site to Mississippi, Nebraska, Florida, Kentucky. Served as Course Director for Evidence-Based Public Health, sponsored by the Tennessee Department of Health, June 2016.

SERVICE TO THE UNIVERSITY OF TENNESSEE

- Member, Public Health Academic Program Committee, 2007-2010
- Chair, Search Committee (Epidemiologist for MPH Program), 2008-2010
- Member, Wellness Task Force, 2008-2010
- Member, Search Committee (Health Planning and Administration for MPH Program), 2009-2010
- Member, Public Health Nutrition Advisory Committee, 2007-2013
- Faculty Advisor, American Medical Student Association, 2007-present
- Member, Advisory Committee to the Center for Literacy Studies, 2010-present
- Member, Committee on Mentoring, College of Education, Health, and Human Sciences, 2010-2013; 2014-present
- Member, Program Review Team, Department of Nutrition 10 year review, April 2012
- Member, Truman Scholarship Review Committee, January 2013-2014
- Member, University of Tennessee Institutional Review Board, 2015-2018
- Chair, Departmental Head Search Committee for the Department of Kinesiology, Recreation, and Sport Studies, 2017-present

Master's Thesis Committees:

MS-MPH: Laura Dotson, Completed August 2010. (Committee Member)

MPH: Dr. William Hill. Completed August 2010. (Committee Member)

MS-MPH: Whitney Merola, Completed December 2011. (Committee Member)

MPH: Jacqueline Schrub, Completed December 2013. (Committee Member)

Doctoral Committees:

DrPH: Deb Kirkland, Department of Public Health, current (Committee co-Chair)

PhD: Jean Shearer, College of Nursing, current. (Committee Member)

PhD: Jennifer Ward, Department of Child and Family Studies, current (Committee Member).

PhD: Sheila Borders, Department of Public Health. Completed 2016. (Committee Member)

PhD: Cecily Strang, College of Nursing. Completed, 2014. (Committee Member)

PhD: Jason Fishel, Department of Philosophy. Completed, 2014. (Committee Member)

PhD: Dana Wolff, Department of Kinesiology, Sport, and Recreation Studies. Completed, 2014. (Committee Member)

PhD: Scott Conger, Department of Kinesiology, Sport, and Recreation Studies. Completed, 2011. (Committee Member)

PhD: Erik Krag, Department of Philosophy. Completed, 2012. (Committee Member)

PhD: Kelly Carlson, College of Nursing. Completed, 2012. (Committee Member)

PhD: Jeff Miller, Department of Public Health. Completed, 2012. (Committee Member)

PhD: Tyrone Caesar, Department of Kinesiology, Sport, and Recreation Studies. Completed, 2012. (Committee Member)

PhD: Shannon Looney, Department of Nutrition. Completed, 2013. (Committee Member)

Peer Reviewer for the following journals:

- *American Journal of Preventive Medicine*
- *American Journal of Public Health*
- *Journal of Healthcare for the Poor and Underserved*
- *Journal of Public Health Management and Practice*
- *Health Affairs*
- *Journal of Public Health Reviews*
- *Journal of Appalachian Studies*
- *BMC Public Health*
- *Public Health Reports*
- *Maternal and Child Health Journal*

OTHER

Founding member and co-Lead, East Tennessee Forum on Public Health and Preventive Medicine; Knoxville, TN, 1995-present.

HONORS and AWARDS

- 2001 Public Health Workgroup of the Year Award, Tennessee Public Health Association; (shared award among La Crosse Encephalitis Surveillance System partners).
- 2002 Rural Health Worker of the Year Award, Rural Health Association of Tennessee
- 2002 Linkages Award - Council on Linkages Between Academia and Public Health Practice (shared award between the East Tennessee Regional Office, the MPH Program and Public Health Nutrition Program at the University of Tennessee).
- 2005 Outstanding Service to Young Scouts Award, Tuckaleechee District of the Smoky Mountains Council of Boy Scouts of America
- 2005 National Center for Infectious Diseases/CDC; 2005 Secretary's Award for Distinguished Service
- 2009 Jacob Koomen Public Health Practice Award for Doctoral students, Gillings School of Global Public Health, University of North Carolina/Chapel Hill
- 2009 The Dean's Service Award, College of Education, Health, and Human Sciences, the University of Tennessee
- 2015 Reviewer of the Year, *American Journal of Public Health*
- 2018 Promoting Human Research Protections, Office of Research & Engagement, University of Tennessee, Knoxville