

## **CURRICULUM VITAE**

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### **Education**

MEd, Instructional Design, University of Massachusetts Boston, College of Advancing and Professional Studies, 2019 (expected). Certificate expected August 2018.

Professional Workshop on case writing and teaching, National Center for Case Study Teaching in Science at SUNY Buffalo, NY, June 2015

Graduate courses at Boston University School of Public Health (social and behavioral sciences, health policy, program evaluation, and biostatistics), Boston, MA, 2006 -2008

MS, Environmental Studies, University of Massachusetts Lowell, College of Civil Engineering, Lowell, MA, 2003

BS, Food Science, Cornell University, College of Agriculture and Life Sciences, Ithaca, NY 1982

### **Professional Credentials and Licensures**

1989-2018	Registered Sanitarian, State of Massachusetts
1997-2018	Registered Environmental Health Specialist, National Environmental Health Association
2013	NCBRT Instructor Development Workshop: Management and Planning Level Certificate of Training
2011-2012	CDC Environmental Public Health Leadership Institute
2005	Certification in National Incident Management Systems, Federal Emergency Management Agency
2004	Certification in Basic Incident Command, Federal Emergency Management Agency
1986 – 1989	Registered Sanitarian, State of California

### **Professional Employment**

**Boston University School of Public Health (BUSPH)**  
*Associate Professor of the Practice*  
*Clinical Assistant Professor of Environmental Health*

Boston, MA  
2017 to present  
2007 to 2017

- Design and teach master of public health (MPH) courses on environmental health (EH 783) and public health preparedness and response (PH 712).
- Advise MPH students in the Program Management certificate
- Supervise practicum students
- Participate in the Partnership in Health and Housing (formerly the Prevention Research Center). The Partnership is a collaboration among Boston Housing Authority, Boston Public Health Commission, BUSPH, and the Community Committee, whose mission is to promote the health and well-being of public housing residents through community collaboration. Partnership programs include research, education and training, service, and communication/dissemination.
- Designed and direct Practice Plunge - an orientation activity for new students to immerse themselves in the world of public health practice and the local community.
- Designed and direct Spring Break Challenge - an intensive interdisciplinary program that challenged teams of students from BUSPH, BU School of Social Work and Sargent College to address a specific public health problem in the local community during spring break.

#### *Director of Practice Programs*

2005 to present

- Direct the BUSPH Activist Lab Workforce Development programs. Specifically, oversee a variety of sizable and complex projects with a focus on workforce training, public health infrastructure, emergency preparedness and coalition building. Current projects include: Local Public Health Institute of MA; MA Public Health Regionalization Project; New England Public Health Training Center; and School Health Institute for Education and Leadership Development. Previous programs included District Incentive Grant Learning Collaborative; Health and Medical Coordinating Coalition Facilitation; MA Practice-Based Research Network; New England Alliance for Public Health Workforce Development; and Partnership for Effective Emergency Response. Specific duties include:
  - Hire, train, and supervise staff
  - Assess training needs
  - Design and deliver courses and certificates in various formats (classroom, online, blended). Certificates include Core Public Health and Emergency Preparedness. Courses include topics on public and environmental health, public health nursing, legal and regulatory responsibilities, management, and emergency preparedness and response. Award winning modules include the online series *On Your Time* and the blended Foundations for Local Public Health Practice. Award winning courses include MA Public Health Inspector Training series for housing, food safety, and wastewater.
  - Oversee program and course evaluations and fiscal matters
  - Identify and respond to funding opportunities. When successful, guide implementation and monitoring processes
  - Participate on national, state, local and university committees to strengthen community and practice partnerships.
  - Build consensus among public health agencies, advisory committees, working groups, task forces, and other health and medical organizations.
  - Connect BUSPH faculty and students with community practice partners for field placements and collaborative projects.
  - Participate in, and present at, conferences, events and seminars.

#### *Manager of the New England Alliance for Public Health Workforce Development* 2004 - 2005

- Assessed, developed, marketed, delivered and evaluated training programs for public health

professionals

- Participated on national, state, local and University committees and projects to strengthen community and practice partnerships
- Created linkages and enhanced relationships with public health agencies and organizations
- Increased involvement with students and community practice partners
- Developed and provided information and training materials for groups

**Milton MA Board of Health**

1994 to 2004

*Health Agent*

- Designed and implemented Board of Health environmental, public health preparedness, and community health programs
- Supervised a staff of five and served on the Local Emergency Planning Committee
- Conducted inspections and investigations of licensed facilities and all regulated public and environmental health entities to enforce state and local laws and regulations
- Investigated foodborne illnesses and other public and environmental complaints
- Drafted local regulations and wrote grant proposals
- Implemented, directed and evaluated grant programs (tobacco, wastewater) and special projects (food permit holder education, septic system management, community health)

*Director, Tobacco Control Program*

1994 to 1999

- Developed, implemented and analyzed town tobacco control program
- Wrote and enforced local regulations relative to youth access and environmental tobacco smoke
- Supervised all enforcement and educational activities and program staff and consultants

**Canton MA Board of Health**

1990 to 1994

*Health Agent*

- Designed and implemented Board of Health environmental and community health programs
- Conducted inspections and investigations of licensed facilities and all regulated public and environmental health entities to enforce state and local laws and regulations
- Investigated foodborne illnesses and other public and environmental complaints
- Supervised a staff of three

**Braintree and Wrentham MA Boards of Health**

1990 to 1993

*Consulting Health Inspector*

- Conducted inspections of licensed or regulated food establishments, bathing beaches, swimming pools, and housing units including foodborne illnesses

**Weymouth MA Board of Health**

1989 to 1990

*Health Inspector*

- Conducted inspections of licensed food establishments, swimming pools, housing units and tanning facilities and investigated public and environmental health complaints

**Harris Hill Animal Hospital, Buffalo NY**

1988 to 1989

*Animal Health Technician*

**Orange County CA Health Care Agency**

1985 to 1987

### *Environmental Health Sanitarian*

- Conducted inspections of licensed food establishments, swimming pools, and housing units and investigated public and environmental health complaints including foodborne illnesses

### **New York Department of Agriculture and Markets**

1982 to 1984

#### *Food Inspector*

- Conducted inspections and foodborne illness investigations at retail and wholesale food establishments, collected samples of food products, and participated in food recall activities in Brooklyn

### **Grant Contract History**

2016- 2024	Massachusetts Department of Public Health (DPH) Division of Health Access - School Health Institute for Education and Leadership Development (SHIELD) \$6,800,000, Co-Principal Investigator
2016	Coalition for Local Public Health Curriculum development for new orientation class and Management course modules \$15,000, Principal Investigator
2014-2018	Health Resources Services Administration Public Health Training Center Network New England Public Health Training Center (formerly New England Alliance for Public Health Workforce Development) \$3,420,000, Project Director and Local Performance Site Director
2012-2018	Massachusetts Department of Public Health Local Public Health Training Institute of Massachusetts \$1,965,832, Principal Investigator
2012-2015	Massachusetts Department of Public Health, Center for Emergency Preparedness Multidisciplinary Healthcare Coalition Development \$450,000, Principal Investigator
2010-2014	Health Resources Services Administration Public Health Training Center Network New England Public Health Training Center (formerly New England Alliance for Public Health Workforce Development) \$2,061,267, Project Director and Academic Partner
2010-2012	Massachusetts Department of Public Health Local Public Health Training Institute of Massachusetts \$1,687,852, Project Director
2010 – 2012	Robert Wood Johnson Foundation Massachusetts Practice-based Research Network, Research Implementation Award \$150,000, Project Director
2009 – 2012	Massachusetts Department of Public Health, Center for Emergency Preparedness Partnership for Effective Emergency Response \$655,000, Principal Investigator
2008 – 2012	Harvard School of Public Health, Centers for Disease Control and Prevention Preparedness and Emergency Response Research Centers Linking Assessment and Measurement to Improve Public Health Emergency Preparedness Systems – LAMPS (P01), RFA-TP-08-001 \$512,818, Program Director
2008 – 2010	Robert Wood Johnson Foundation

	Massachusetts Practice-based Research Network \$90,000, Project Director
2008 – 2011	National Center for Healthy Housing BU Center for Healthy Homes and Neighborhoods \$46,750, Principal Investigator
2007-2009	Assistant Secretary for Preparedness and Response (ASPR), Office of Preparedness and Emergency Operations Partnership for Effective Emergency Response (PEER) \$2,415,041, Project Director
2007-2008	National Association of County and City Health Officials (NACCHO) Massachusetts Public Health Regionalization Project \$60,000, Project Manager
2006-2008	Policy Studies Inc, on behalf of MDPH Local Public Health Institute of Massachusetts <i>Foundations for Local Public Health; Tools Needed to Get the Job Done</i> course (revisions, conversion to hybrid delivery format, and teaching) \$41,256, Principal Investigator
2006 -2007	Association of Schools of Public Health/CDC Academic Health Department and EpiCenter \$80,000, Program Manager
2004-2010	Health Resources Services Administration Public Health Training Center Network New England Alliance for Public Health Workforce Development \$2,025,794, Project Manager, Director and Academic Partner
2004 -2005	Massachusetts Department of Public Health Cooperative Agreement Grant <i>Foundations for Local Public Health; Tools Needed to Get the Job Done</i> (course development and pilot testing) \$217,000, Co-author and Project Manager
2004-2005	MDPH Emergency Preparedness Region 4B Cooperative Agreement Grant <i>Basic Epidemiology and Biostatistics for the Practitioner</i> and <i>Tools for Effective Local Health Administration</i> (course development and delivery) \$75,000, Co-author and Project Manager
1994-2003	Massachusetts Tobacco Control Program Grant Award Milton Board of Health Tobacco Control Program Co-author and Project Manager
1999	Massachusetts Department of Environmental Protection Grant Award Community Septic System Management Program for Milton Board of Health Author and Project Manager
1998	Massachusetts Tobacco Control Program Grant Award Canton Board of Health and multi-town collaborative Co-author and Project Manager

### **Public Health Workforce Development**

#### **Publications and Training Materials**

2017	MacVarish K, Kenefick H, Fidler A, Cohen B, Orellana Y, Todd K. <i>Building Professionalism Through Management Training: New England Public Health Training Center's Low-Cost, High-Impact Model</i> . J Public Health Manag Pract. 2017 Oct 05. PMID: 28991053.
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- 2014 Worden Kenefick, Hope MSW, PhD; Ravid Sharon MPH; MacVarish, Kathleen REHS/RS, MS; Tsoi, Jennifer MPH; Weill, Kenny MS; Faye, Elizabeth BS; Fidler, Anne MS, ScD. *On Your Time: Online Training for the Public Health Workforce*. Health Promotion Practice. 2014; 15 (Suppl 1): 48S – 55S.
- 2012 Hyde, Justeen PhD; Arsenault, Lisa PhD; Waggett, Jessica MPH; Mills, Brianna MA; Cox, Harold MSSW; MacVarish, Kathleen MS; Fried, Lise DSc, MS *Structural and Organizational Characteristics Associated With Performance of Essential Public Health Services in Small Jurisdictions: Findings From a Statewide Study in Massachusetts*. Journal of Public Health Management & Practice. 2012; 18(6): 585 – 594.
- 2012 Hyde, J, Cox H, MacVarish K, Wilkinson G. *Massachusetts Public Health Practice-Based Research Network: Generating evidence to improve the equitable delivery of public health services across the Commonwealth*. Leadership in Public Health. Winter.
- 2010-2016 Primary author for “On Your Time” educational modules: *Body Art, Emergency Preparedness in MA, Farmers Markets, Food Protection, Food Protection for Operators, Hoarding, Medical and Biological Waste, Orientation to Local Public Health in MA, Mold, Public Health Law and Legal Issues in MA, Outbreak Investigation, Sushi, and Temporary Food Events*. Contributing author: *Bed Bugs, Hazardous Waste and Materials, Immunizations, Sanitary Surveys, Surveillance of Infectious Diseases, Wastewater and Title 5*.
- 2009 MacVarish, Kathleen REHS/RS, MS; Ward, Steve RS, CHO, MPH; Moultrup, Donna RN. *Meeting the Environmental Health Training Challenges of the Local Public Health Workforce in Massachusetts*. Journal of Environmental Health. 2010; 72 (6): 50 - 52.
- 2007-2008 *Undergraduate Environmental Health Internship Program* Guide for Massachusetts Environmental Health Association
- 1994 *Reference Manual for Food Protection Programs* - co-developer with Massachusetts Department of Public Health and Massachusetts Health Officer’s Association

### **Presentations, Programs and Workshops**

- 2017 *BU Center for Teaching and Learning Faculty Learning Community*: Small Teaching
- 2017 *E-Learning Accessibility* Summit participant
- 2016 *Management training for public health practitioners: Evaluation and lessons learned*. Presented at American Public Health Association Conference. Kenefick, H, Tsoi, J, MacVarish, K, and Fidler A
- 2016 *Orientation to Local Public Health in MA*. Designed and co-instructed an in-person workshop
- 2015-2016 *Core Public Health* Certificate. Designed a free, online certificate for the public health workforce
- 2015 - 2016 *Case writing*. Designed a class assignment and instructed a class BUSPH course PH858
- 2014-2016 *Public Health Response to Emergencies in the United States*. Designed and co-instructed BUSPH course PH 712
- 2013 - 2016 *Emergency Preparedness*. Chaired track for Massachusetts Health Officers Association annual conference.
- 2012-2016 *Managing Effectively in Today’s Public Health Environment*. Designed curriculum and directed course delivery and quality improvement
- 2010- 2016 *Massachusetts Public Health Inspector Training (MA PHIT) Food*. Designed curriculum, co-instructed, and directed course delivery and quality improvement

2009-2016	<i>MA PHIT Housing</i> . Designed curriculum, directed course delivery (including production of online elements and virtual housing inspection) and quality improvement
2004-2016	<i>Foundations for Local Public Health Practice</i> . Designed curriculum, co-instructed, and directed course delivery and quality improvement
2013 - 2015	<i>Effective Grant Writing</i> . Developed and presented a workshop for BUSPH Professional Development Series
2013	<i>Design and delivery of a competency-based public health workforce training curriculum</i> . Presented at American Public Health Association. Tsoi, J, Ravid, S, MacVarish, Kenefick, H.
2013	<i>Retail food safety standards for local public health inspectional services in Massachusetts</i> . Presented at the Public Health Services and Systems Keeneland Conference, Lexington, KY. Hyde, J, Waggett, J, Arsenault, L, Fried, L, Cox, H, MacVarish, K
2012- 2013	<i>MA PHIT Wastewater</i> . Designed curriculum, and directed course delivery and quality improvement
2012	<i>Environmental Health and Emergency Response -A Participatory Approach to Planning for Regional Public Health Service Delivery</i> . Presented at American Public Health Association Conference. Hyde, J, MacVarish, K and Cox, H
2012	<i>Environmental Health and Emergency Response</i> . Developed and taught a session for BUSPH course EH 714
2011	<i>Basics of Report Writing</i> . Developed and taught a workshop at Massachusetts Health Officers Association Annual Education Conference
2010	<i>Applying Public Health Skills in the Community</i> . Designed and co-instructed BUSPH course EH 783
2010	<i>A Participatory Approach to Planning for Regional Public Health Service Delivery</i> . Presented at American Public Health Association Conference. Hyde, J, MacVarish, K and Cox, H
2009	<i>Learning for Healthy Communities</i> . ASPH/Pfizer Academy of Distinguished Teachers: Public Health Teaching and Learning in the Community, panel at American Public Health Association. Fidler A, MacVarish, K
2009	<i>Learning by Doing; Engaging Students with Authentic Issues and Challenges in the Community</i> . Presented a workshop for BUSPH Office of Teaching Learning and Technology
2008 -2009	<i>Application of Environmental Health Principles</i> . Designed and co-instructed BUSPH course EH 783
2008	<i>Advancing the Profession of Environmental Health in Massachusetts with Academic Partners</i> . Presented on a panel at National Environmental Health Association Annual Conference
2007	<i>Academic Health Department: Partnership to improve delivery of local public health services</i> . Presented at American Public Health Association
2006-2008	<i>Orientation to Local Public Health in Massachusetts</i> . Delivered lectures at various academic and practice locations
2006	<i>Public Systems of Care: Orientation to Public Health in Massachusetts</i> . Lectured in a session in BUSPH course HS755
2006	<i>Meeting the Needs of the Local Environmental Health Workforce in Massachusetts</i> . Presented on a panel at National Environmental Health Association
2005	<i>Regulatory Tools for Training</i> . Presented at Massachusetts Environmental Health Association
2005	<i>Innovative Leadership: Building Partnerships for Workforce Development in New England</i> .

- 2005 Presented on a panel at National Environmental Health Association Annual Conference *The Future of Public Health Workforce Development*. Presented at North Shore/Cape Ann Community Health Network
- 2004 *Real World Public Health*. Presented on a panel at Cambridge Health Alliance and Institute for Community Health
- 1994 *Effective Local Rabies and Animal Control Programs*. Designed and presented at a workshop for Massachusetts Environmental Health Association
- 1993 *Education Models for Food Code Compliance*. Presented a session at Massachusetts Health Officer's Association annual conference
- 1992 *Inspection Programs and Protocols for Mobile Food Vendors*. Presented a workshop for Massachusetts Health Officer's Association
- 1990 – 2004 Developed and delivered educational programs to town officials and committees, town meeting, service organizations and the licensed community on public health topics including: emergency management and planning; emerging diseases and compliance issues related to the Massachusetts State Sanitary Code, Massachusetts State Environmental Code, Massachusetts General Laws and local regulations

### **Awards**

- 2017 **Sanitarian of the Year (Robert C. Periello Merit Award)**, Massachusetts Environmental Health Association, to acknowledge professional achievements in the field of environmental health, presented by the Yankee Conference (New England) Board of Directors.
- 2017 **Network Member Impact Award**, National Network of Public Health Institutes (NNPHI) to the New England Regional Public Health Training Center, for the development and expansion of the signature Management blended learning course that is having an impact on public health practitioners and supporting them to engage in high quality management practices.
- 2016 **BUSPH Teaching Award** for Public Health Response to Emergencies in US (PH712) in recognition of teaching excellence
- 2016 **Certificate of Merit**, National Environmental Health Association, for meritorious contributions on behalf of environmental health in the past year – Food Certificate Program Team
- 2015 **Certificate of Merit**, National Environmental Health Association, for meritorious contributions on behalf of environmental health in the past year.
- 2014 **BUSPH Teaching Award** for Public Health Response to Emergencies in US (PH712) in recognition of teaching excellence
- 2013 **Michael D. Saraco Award**, Massachusetts Health Officer's Association in recognition of vast knowledge in the field of public health and for dedication, loyalty, enthusiasm, and leadership in MHOA
- 2013 **Model Practice**, National Association of County and City Health Officials, submitted on behalf of MA practice partners for the *On Your Time* Local Public Health Training E-Learning series
- 2012 **Best Practice Award** from Association of Schools of Public Health (ASPH) to BUSPH and the HRSA-funded New England Alliance for Public Health Workforce Development. The nomination submission was titled "Using Online Technology to Support Public Health Training" about the use of webinar technology to enhance the delivery of the

	<i>Foundations</i> course. The submission paper described how interactive webinar technology improves access to the course for participants from across the state and reduces time and travel expenses.
2012	<b>Model Practice</b> , National Association of County and City Health Officials, submitted on behalf of MA practice partners for the MA Public Health Inspectors Training Program (MA PHIT)
2011	<b>Innovative Award</b> , Massachusetts Environmental Health Association for demonstrating an innovative vision in the practice of environmental health in the Commonwealth of MA (on behalf of MA PHIT Housing Certificate Program Team)
2008	BUSPH <b>Teaching Award</b> for <i>Application of Environmental Health Principles in Practice</i> (EH 783) in recognition of teaching excellence
2008	<b>Curtis M. Hilliard Award</b> , Massachusetts Health Officer's Association for dedicated service and outstanding achievement in public health
2006	<b>Vartkes "Vic" Karaian Award</b> , Massachusetts Environmental Health Association for outstanding contribution and support of the practice of Environmental Health (to BUSPH and the Alliance for the development and delivery of the <i>Foundations</i> course)
1999	<b>John Crowley Award</b> , Massachusetts Health Officer's Association
1997	<b>President's Award</b> , Massachusetts Health Officer's Association
1995	<b>Local Hero</b> , American Lung Association of Greater Norfolk County
1994	<b>President's Award</b> , Massachusetts Health Officer's Association

### **Committees and Appointments**

2017	Massachusetts Department of Public Health Advisor for the Massachusetts State Health Assessment
2017	National Environmental Health Association Membership Representatives Group
2016-2017	BUSPH Public Health Exchange website Advisory Committee
2015 – 2016	Board of Certification of Health Officers – Exam Subcommittee
2015	BUSPH Inquiry Group for Strategic Thinking – Translation to address societal issues
2015	International Food Protection Training Institute. Development of a national curriculum for retail regulatory food safety professionals.
2014 - 2016	BUSPH Faculty Development Committee
2013 – 2014	BUSPH Public Health Consulting Laboratory Committee
2013-2014	BUSPH MPH 2015 Core Course Subcommittee
2012-2016	National Environmental Health Association Peer Reviewer for the <i>Journal of Environmental Health</i>
2012- 2014	Council on Linkages between Academia and Public Health Practice Core Competencies Workgroup Member
2012 - 2013	Public Health Accreditation Board Think Tank member for Emergency Preparedness
2011-2014	Massachusetts Environmental Health Association, Education Committee
2010, 2012	MA Department of Public Health and Food Establishment Advisory Council Food Code Review Project Workgroup
2009	BUSPH Horizontal Integration Group for Surveillance courses
2009	BUSPH Committee to review the Office of External Education
2008-2017	Chair, Massachusetts Division of Professional Licensure, Registered Sanitarians Board
2008–2017	MA Housing Statewide Steering Committee on Hoarding
2008-2011	National Center for Healthy Housing-- Training Center and Curriculum Committee

2008	BUSPH Faculty Senate Task Force on Faculty Development
2007-2008	Public Health Accreditation Board Equivalency Workgroup
2007-2013	Northeast Public Health Leadership Institute Advisory Council
2006-2017	Massachusetts Health Officers Association, Ex-officio, Co-Chairman Education Committee
2006-2010	Local Public Health Institute Advisory Council Curriculum Development Sub-committee, Chairman
2006-2015	Massachusetts Environmental Health Association, Executive Committee
2005-2016	Council on Education for Public Health, Accreditation Site Visitor
2005 - 2009	Local Public Health Institute Advisory Council
2005-2006	BUSPH Pandemic Flu Workgroup
2005	Harvard School of Public Health Workgroup for state-wide Legal Conference
2005	Massachusetts Department of Public Health (MPDH) Review Team for Competency Based Emergency Preparedness Guidelines
2004-2017	BUSPH Practice Committee
2004-2006	MDPH Emergency Preparedness Region 4B Education Committee
2004-2005	MDPH Education & Training Workgroup
2002-2003	MDPH Emergency Preparedness Local Health Assessment Workgroup
2002	Massachusetts Health Officer's Association (MHOA) Strategic Planning Committee
2001 -2002	MHOA Personnel Committee
1999-2000	Coalition for Local Public Health, co-founder and Executive Board
1998-2016	MHOA Conference Planning Committee
1998-2002	Massachusetts Institute for Local Public Health and Agency Accreditation Sub-committee
1998-2000	MDPH and Massachusetts Department of Environmental Protection Local Health Coordinating Council
1998-1999	MHOA President
1997	MHOA Vice President and Chair, Conference Committee
1995-1996	MHOA Secretary
1991-1993	MHOA Newsletter Editorial Board