

**David A. Casey, RN, MA, MPH (he/him)**  
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### **Experience – Public Health**

New York State Department of Health - Public Health Program Nurse

Division of Epidemiology, Albany, NY 12237

- Develop and collaborate on communicable disease outbreak preparedness and response plans and activities including surveillance, detection, response, vaccination programming, communications and program evaluation for use by both State and local health departments.
- Develop and review anthrax, COVID-19, flu, measles, Mpox, polio and other vaccination and testing medical screening guidance and clinic operation procedures based on current federal and State guidance and evolving clinical practice.
- Collaborate with Countermeasure Data Management System web-based application team to revise, test, implement application and train users on new system functionality in response to changes in user demands and federal COVID-19 vaccine guidance.
- Develop and present clinical operations trainings to local health departments on emergency preparedness and communicable disease topics.

2020 - present

State of Vermont Department of Health - Public Health Program Administrator

Division of Emergency Preparedness, Response and Injury Prevention, Burlington, VT 05402

- Chair development team for state-wide all-hazard Crisis Standards of Care Plan to be implemented by Emergency Medical Services, Out-Patient Clinics, Hospitals, Public Health, and Mortuary Services during high demand, low resource public health emergencies.

<https://www.healthvermont.gov/emergency/preparedness-hospitals-health-care-professionals/crisis-standards-care-plan>

- Develop and administer US Administration for Strategic Preparedness and Response (ASPR) Hospital Preparedness Program grants to hospitals for all Vermont hospitals.
- Oversee revision and exercising of Vermont Medical Surge/Mass Care shelter plans.
- Develop and lead state-wide emergency preparedness exercises for healthcare facilities, including Ebola inter-facility transport and US ASPR Coalition Surge Test exercises.
- Develop and administer new state-wide hospital inventory database for Ebola/High Consequence Infectious Disease Personal Protective Equipment.

2016 – 2020

### **Experience – Registered Nurse**

Northlands Job Corps Center - Health Services/Wellness Manager

Vergennes, VT 05491

- Manage daily operation of on-site health clinic for 200 student residential vocational training center.
- Oversee clinic medical, mental health, and dental provider services in compliance with US Department of Labor requirements.
- Deliver 24/7 all on-call response to all medical, mental health, and public health emergencies.
- Oversee and assure delivery of reasonable accommodations for students based on formal requests, as well as oversee student medical arrival and departure from Job Corps.

2014 – 2015

Howard Center, Chittenden Clinic – Methadone Clinic - Registered Nurse  
Burlington, VT 05401

- Provide medication assisted treatment to patients with chronic opiate addiction.
  - Access patients for both substance abuse impairment and withdrawal to assure safe and effective medication management.
  - Develop, train and document employee training on health and safety policies and guidelines to comply with clinic certification mandates and established best practice standards.
- 2013 – 2014

Fletcher Allen Health Care / University of Vermont Medical Center – Registered Nurse  
Burlington, VT 05401

- Provide patient screening and education on chronic disease self-care in personalized and group settings to promote healthy lifestyle behaviors to treat and prevent diabetes, hypercholesterolemia, hypertension, and coronary artery disease.
  - Provide pre-employment infectious disease screening and vaccinations to new employees.
  - Administer blood-borne and other pathogen exposure programs, including education and follow-up care protocols to employees following occupational exposure to infectious diseases.
  - Organize and administer TB testing and influenza vaccination clinics for hospital departments.
- 2012 – 2013

Correct Care Solutions, Chittenden Regional Corrections Facility - Corrections Registered Nurse  
South Burlington, VT 05403

- Oversee prison health clinic as evening charge nurse responsible for staff of four nurses.
  - Provide emergency, acute, and chronic care to patients in corrections setting including 6 bed medical-surgical ward.
  - Work with corrections staff to assure safe, healthy, and therapeutic environment for all.
- 2010 – 2012

### **Other Experience**

Albany Pine Bush Preserve Commission – Wildland Firefighter, Community Scientist

- Assist in prescribed fire operations for ecosystem improvement.
- Collect point count data on specific frog, moth and bird species to support ecosystem restoration research initiatives. Albany, NY 2024 - 2025

International University Sports Federation (FISU) - World University Games 2023, RN

- Selected to provide medical assistance to Games athletes and officials, Lake Placid, NY. 2023

U. S. Centers for Disease Control and Prevention - Operational Readiness Review Team

- Revise CDC Public Health Emergency Preparedness (PHEP) Capability #7 – Mass Care, and Capability #10 – Medical Surge. 2019

Emergency Management Assistance Compact (EMAC) – RN

- Deployed as shelter RN following Hurricane Florence in Sampson County, NC. 2018

Vermont Public Health Association (APHA state affiliate) - Board Member

- Revise organization website and provide content information for media communication.
- Develop strategic plan to enlarge and strengthen organization. 2018 - 2020

Council of State and Territorial Epidemiologists (CSTE) - Member

- Health Equity and Tribal Epidemiology; Health Security, Policy, & Law Track Planning Groups, 2025 CSTE Annual Conference
- Member of Disaster Epidemiology; Climate, Health and Equity; Health Equity and Tribal Epidemiology Subcommittees.
- Presented on Vermont 2018 Heat Wave Epidemiology to Climate Change Subcommittee. 2016 - present

City of Burlington, VT, Board of Health - Board Chair

- Work with other groups both locally and nationally to promote health and mitigate health risks throughout the City on a range of issues including substance abuse, lead abatement, urban agriculture, and food safety.
- Chair Urban Livestock Husbandry Working Group responsible for writing nationally recognized ordinance on safe, sustainable management of livestock husbandry in an urban/suburban environment.  
<https://www.codepublishing.com/VT/Burlington/html/Burlington17/Burlington1702.html>
- Oversee project to reduce cosmetic pesticide use to improve public health and water quality. 2011 – 2019

### **Research/Presentations**

'A Long Night at WUG: Basic Emergency Preparedness and Response Considerations for WUG Medical Volunteers.' Presentation to physician staff at 2023 World University Games (WUG), Lake Placid, NY

'COVID-19 Severity Among American Indians and Alaska Natives in 16 States - January 1, 2020, to March 31, 2021.' (Fall 2023). Journal of Health Disparities Research and Practice: Vol. 16: Iss. 3, Article 4. <https://digitalscholarship.unlv.edu/jhdrp/vol16/iss3/4>

'COVID-19 Mortality Among American Indian and Alaska Native Persons - 14 States, January-June 2020.' (11 December 2020). Morbidity and Mortality Weekly Report (MMWR). U. S. Centers for Disease Control and Prevention. Atlanta, GA.  
<https://www.cdc.gov/mmwr/volumes/69/wr/mm6949a3.htm>

'Learning from the Spread of an Ebola Exercise from Vermont to New Hampshire to Massachusetts.' Presentation to 2019 Northeast Epidemiology Conference, Portland, ME.

'Vermont Crisis Standards of Care Plan Introduction.' Presentation to Vermont Association of Hospitals and Health Systems 2019 annual conference, Stowe, VT.

'Healthy Lawns, Healthy Gardens, Healthy Lake, Healthy Lives: A Collaborative Effort to Improve Environmental and Public Health Policy.' Presented Burlington Board of Health work at National Association of Local Boards of Health 2012 annual conference, Atlanta, GA.

'An Assessment of an Electronic School Nurse Syndromic Surveillance Reporting Tool for Identification of Potential Disease Clusters at the County Level and Comparison to Local EARS and ILINet Data for the Fall of 2009.' Presented thesis research at International Society for Disease Surveillance 2010 annual conference, Park City, UT.

## **Accomplishments**

State of Vermont Employee Recognition and Merit Bonus Award

National Commission on Correctional Health Care - Certified Corrections Health Professional

## **Special Qualifications**

Maine Registered Nurse License #: RN62357

New York Registered Nurse License #: 693248

Vermont Registered Nurse License #: 026.0040579

New York Registered Guide Badge #: 9802

National Wildfire Coordinating Group, Firefighter Type 2 (FFT2, Crewmember)

## **Special Training**

- US National Wildfire Coordinating Group – S-130, S-190, L-180, S-290, Wildland Fire Fighting, 2025
- Eagle Hill Institute, Steuben, ME – Banding Songbirds and Raptors: Livetrapping, In-hand Aging and Sexing, and Data Collection, 2023
- US FEMA - Incident Command System ICS 100, 200, 300, 400, 402, 700, 2200, Homeland Security Exercise and Evaluation Program (HSEEP), Advanced Exercise Evaluator Training, Exercise Evaluation and Improvement Planning, Safety Officer Training, Jurisdictional Threat & Hazard Identification & Risk Assessment Training, 2019
- Vermont Department of Health – Project Management in Public Health Intensive Course, 2018
- US FEMA, Center for Domestic Preparedness course – Healthcare Leadership for Mass Casualty Incidents, 2016
- Association for Professionals in Infection Control and Epidemiology (APIC) – EPI Intensive, 2016

## **Education**

State University of New York, Albany, Albany, NY

Certificate in Public Health Surveillance and Preparedness

Master's degree in Public Health

University of Vermont, Burlington, VT

Registered Nurse licensure; Advanced Practice Registered Nurse studies

College of William and Mary in Virginia, Williamsburg, VA

Master's degree in Government

Colby College, Waterville, ME

Bachelor's degree; Majors in Government, Philosophy