

The Academic Public Health Corps:

Building our future local public health workforce & supporting local public health




Tali Schiller, MPH (she/her)
tschiller@mhoa.com
APHC Program Manager



Q:

What is the Academic Public
Health Corps?



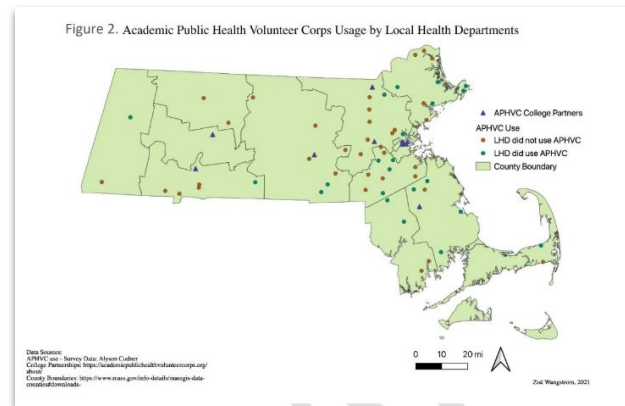
What is the Academic Public Health Corps?

The APHC is a pipeline program for the local public health workforce.

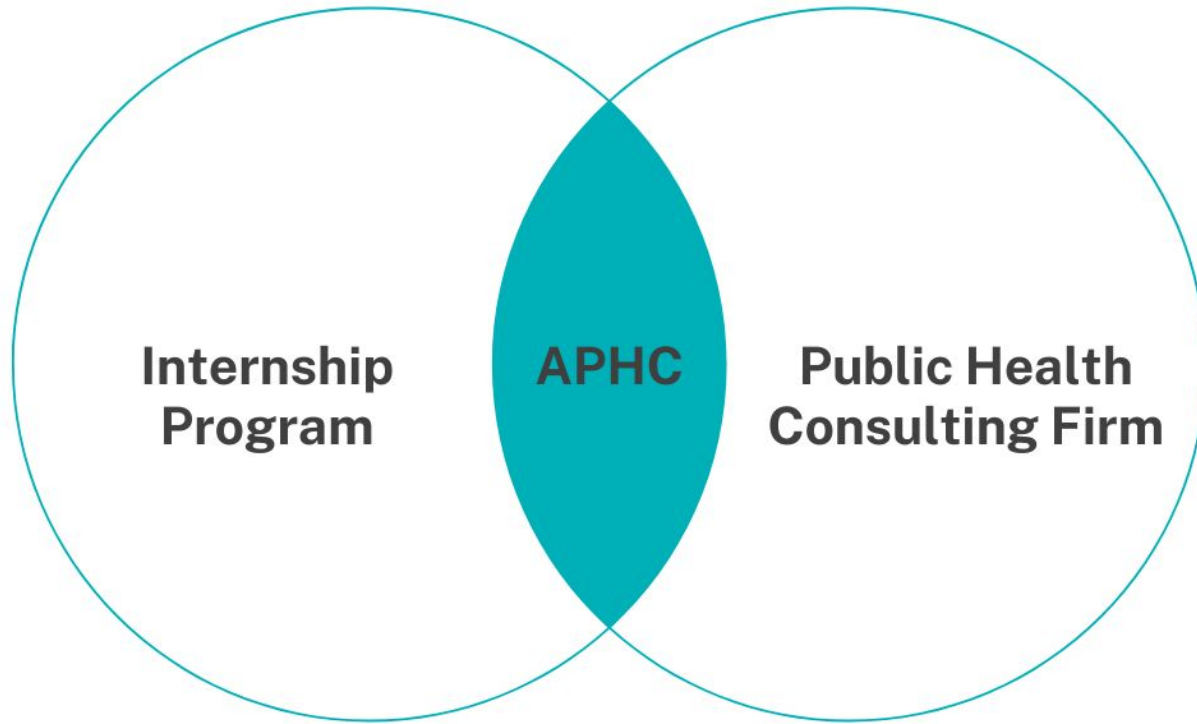
We hire and supervise a diverse variety of public health interns to complete timely projects for local health departments.

Our Primary Goals:

1. Support local public health departments
2. Fill the workforce gap
3. Advance health equity in Massachusetts



What is the Academic Public Health Corps?



APHC interns need projects!

Could your health department use support with a health communication, data analysis and visualization, community outreach, or research/admin project?

Request free intern support today!

<https://bit.ly/APHC-Request>



Academic Public Health Corps

academicpublichealthcorps.org



Q:

What types of projects or products
can the APHC create for my LBOH?

What We Do:

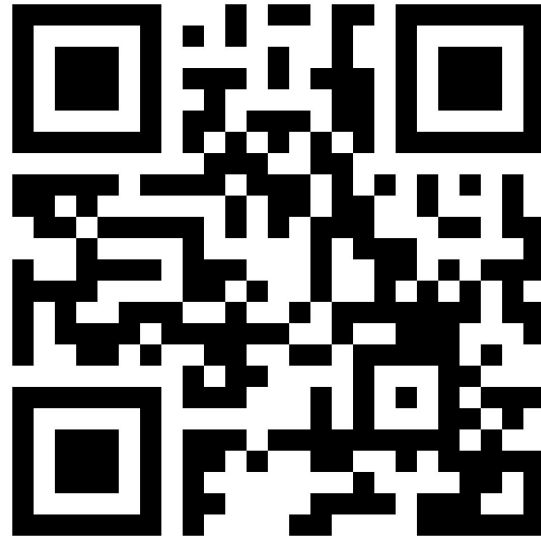
1. Health Communication & Promotion
2. Data Collection, Analysis, & Visualization
3. Health Equity Support/Community Outreach
4. Research & Administrative Support

Project examples:

<https://academicpublichealthcorps.org/past-projects>

Bookmark our request link!

<https://bit.ly/APHC-Request>



Thank you!

Tali Schiller, MPH (she/her)

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Program Manager, APHC

<https://academicpublichealthcorps.org>





Brianna Richardson, CHES

(she/her)

Academic Public Health Corps Member, Spring 2023 Cohort

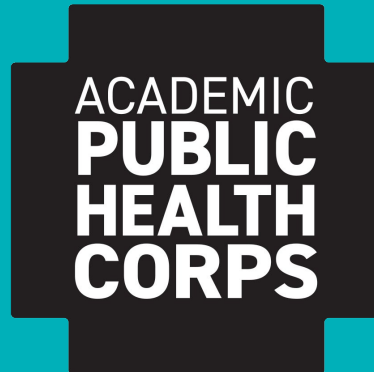
APHC Requirements

Corps Member Work

Professional Development

Local Health Department Site Visits

Capstone Paper



Town of Brookline

Policy Research

1. Conduct research on animal and beekeeping regulations throughout Massachusetts
2. Generate annotated bibliography to inform future applications in regulations

Animal Keeping in Brookline Maureen Murphy and Brianna Richardson

Client's Goal: Research on animal keeping regulations in towns surrounding Brookline (animals such as bees, chickens, etc., NOT cattle or anything you couldn't keep in your backyard)

Major Takeaways

- Before any undomesticated (cats, dogs, etc.) animals that live outside are obtained, a permit must be obtained from the local health department and plans for care must be approved
- Animals must be well cared for within appropriate food, water, and shelter requirements
- Waste should correctly maintained on the property and disposed of separately from household waste
- Animal enclosure designs must be approved and regulated by the Board of Health
- Between 6-12 chickens can be kept on private property without the addition of a rooster
- Swine over 10 weeks of age, tethered horses, cows, goats, pigeons, rabbits, and other small birds/animals are permitted to stay on private property as long as they are within 100 feet of a residential building
- Animals who are sick must be reported to the local health department and/or Massachusetts Department of Public Health but deceased animals must be taken care of by the permit-holding individual

*This is the extent of the information available online about animal keeping in the areas surrounding the Town of Brookline. Many of the full policies and regulations of animal keeping were not available to the public and it is based on those released and publicly available amendments to present policies that were used in this research.

Bees

- See separate beekeeping document

Chickens (Poultry)

Animal Criteria

- Limit of 12 chickens and roosters are not allowed¹
- Maximum of 6 chickens and no roosters²
 - Hens must be stored separately from wild migratory fowl²
- Pigeons³
 - Permits differ between those assigned for permanently cooped and free flight pigeons²
 - Every effort and precaution must be made to minimize flying and roosting above and away from the property¹
 - Training and exercising of pigeons shall be undertaken at times of day and seasons outside of normal yard use³

- All muck must be removed periodically and replaced with clean sand¹
- The definition of "Garbage" includes "offal and waste matter from markets, hotels, restaurants, packing houses and rendering plants, decayed or decaying or perishable vegetable or animal matter, as well as domestic or house scraps"¹
 - Garbage can only be stored in concrete or weatherproof materials at all times to prevent flies¹
 - When garbage is used for feeding, it shall be spread, dumped, or exposed on feeding platforms only to prevent it from being spilled on the ground
 - This platform must be made of permanent waterproof material¹
- Manure is not allowed to accclimate or create a nuisance so it must be regularly removed from pens and the premise⁴
 - Manure shall not be store within 150 feet of a private water supply wells, 500 feet of a public water supply well, or within 150 feet from the high water mark of any drinking water source¹

Enclosures

- All piggeries (areas kept by a person in a single location) must be isolated so no nuisance is created⁴
 - A site plan must be registered with a Massachusetts land surveyor⁴
 - All piggeries will be inspected by the BOH at least twice a year⁴
 - Drainage from location must be directed to a pretreatment area when located within 200 feet of a wetland/watercourse and when the BOH determines it necessary⁴

BOH Regulation

- Improper keeping or feeding provisions can make a facility subject to loss of permit for swine³
- An individual must first obtain a license from the BOH that will expire on December 31 of every year and may be revoked at any time⁴
- Swine license holders must also obtain a license to transport garbage, offal, or other offensive substances on town streets and no such materials will be transported without the license⁴
 - All garbage and other offensive materials must be transported in watertight containers⁴
- Any violation may result in a \$1,000 fine⁴

Equines (Horses)

Care/Maintenance

- Horses need necessary immunizations before being kept¹
- A horse is never allowed to roam free or be left untethered unless attended by a responsible person³

BOH Regulation

- Permits for horses shall only be issued to usable areas according to the BOH³

Multiple Animal Types

Animal Criteria



HOUSEHOLD HAZARDOUS WASTE WHAT IT IS AND HOW TO REDUCE IT



What is household hazardous waste (HHW)?

Household hazardous waste (HHW) is any household product that **must be appropriately disposed** because it is **toxic** or **can react** (catch fire, explode) under certain conditions.

The ingredients of HHW can have **negative health effects** if stored or disposed of incorrectly. You should **always read the directions** on these products to stay safe.

How can I reduce the amount of HHW in my home?

Common household hazardous waste products include specialty batteries, aerosol cans, medications, home medical waste, pesticides, antifreeze, and electronics.

To **reduce your HHW**, you can use alternate **products that contain safer ingredients** for humans and the environment. Find alternatives at www.epa.gov/saferchoice

Where can I dispose of my household hazardous waste?

Waste Wizard

- The Waste Wizard allows you to **search for your waste products** to learn if they are household hazardous waste, how to safely store them, and where/how to dispose of them.
- Visit www.mansfieldma.com/999/Waste-Wizard to learn about your home products.

Mansfield Public Health Department: Household Hazardous Waste Day

- Saturday, June 17, 2023** from 8:00 am - 12:00 pm at the DPW (Route 108 - 500 East Street)
- If you want to dispose of your HHW, **safely store acceptable items until the event.**

Year-Round Recycling and Waste Disposal

- You can visit hazardous waste and recycling facilities to dispose of your HHW. Visit www.mass.gov/guides/hazardous-waste-facilities-recyclers to find a site in the state.
- Specialty batteries must be carefully disposed at HHW sites. To find a nearby location, visit www.call2recycle.org

Medication and Medical Waste Disposal Locator

- Expire or unused medications should not be put down drains or in the trash.** Drop off your medication at a secure police station kiosk, or find another local site at www.mass.gov/service-details/find-a-waste-medication-kiosk.
- Sharps (needles, syringes, lancets)** should not be **put in the trash**. Place them in secure sharps containers and drop them off at a secure police station kiosk. Find another local site at www.mansfieldma.com/299/Sharps-Collection-Program



Household hazardous waste can be a danger to you and your family's health. We can use safer products and correctly dispose of all HHW to protect ourselves and the environment.



For more information, please visit: <https://www.mansfieldma.com/249/Household-Hazardous-Waste>

MANSFIELD PUBLIC HEALTH DEPARTMENT BATTERY DISPOSAL GUIDE



Batteries can be harmful to individual and environmental health. Learn how to dispose of them properly.

DISPOSE AS HOUSEHOLD TRASH

- Single Use Alkaline Batteries
- 9 Volt, AA, AAA, C, & D



BRING TO HOUSEHOLD HAZARDOUS WASTE (HHW) FACILITY

- Lithium Primary
 - Found in watches, keys fobs, and remote controls
- Lead Acid Automotive or Sealed
 - Found in vehicles, lawnmowers, and tools

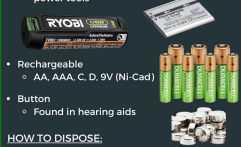


HOW TO DISPOSE:

- Visit www.mass.gov/guides/hazardous-waste-facilities-recyclers or www.call2recycle.org to find a disposal site near you
- Bring to 2023 Collection Event on June 17th

BRING TO RETAIL BATTERY COLLECTION OR HHW FACILITY

- Lithium Ion Rechargeable
 - Found in cell phones, laptops, and small power tools
- Rechargeable
 - AA, AAA, C, D, 9V (Ni-Cad)
- Button
 - Found in hearing aids



HOW TO DISPOSE:

- Bring to a retail collection center OR
- Visit www.mass.gov/guides/hazardous-waste-facilities-recyclers or www.call2recycle.org to find a disposal site near you
- Bring to 2023 Collection Event on June 17th



For questions, please contact the Mansfield Public Health Department:
(508) 261-7366 health@mansfieldma.com
<https://www.mansfieldma.com/277/Public-Health-Department>



Town of Mansfield Household Hazardous Waste Flyers

1. Create an annotated bibliography of resources on maintaining and disposing household hazardous waste
2. Create a flyer with best practices for reducing household hazardous waste, how to responsibly dispose of the hazardous products in the home, and event information about a Mansfield HHW drop-off event

Town of Mansfield

Meeting Minutes

1. Virtually attend monthly Board of Health Meetings and take minutes
2. Review meeting recording to edit and generate the official minutes document

Town of Mansfield Board of Health February 2, 2023 Minutes

Mission Statement: The mission of the Mansfield Board of Health is to protect, preserve and improve the public health, environment, and wellbeing of our citizens through the enforcement of federal, state, and local statutes and regulations, education and promotion of sanitary living and working conditions, and protection of the environment from disease and pollution.

Present: Chair, Antonia Blinn; Clerk, Michael Healey, Graham Wilson, Ryan Maxwell, Amy Donovan-Palmer; Health Agent, Student BOH Liaison, Mahathi Kosaraju. **Absent:** Kasia Frenette

I. Meeting Called to Order

The meeting of the Board of Health (BOH) was called to order at 7:01 pm by Chair Antonia Blinn.

II. Correspondence

None.

III. Consent Agenda

Mr. Healey makes a motion to accept the consent agenda, 2nd by Mr. Maxwell. Approved 4-0.

IV. Acceptance of Minutes

October 12, 2022.

- Motion to approve the minutes from October 12, 2022 made by Mr. Healey, 2nd Mr. Wilson. Approved 4-0.

November 17, 2022.

- Motion to approve the minutes from November 17, 2022 made by Mr. Healey, 2nd Ms. Blinn. Approved 2-0. Abstained by Mr. Wilson and Mr. Maxwell.

January 5, 2023.

- Motion to approve the minutes from January 5, 2023 made by Mr. Graham, 2nd Mr. Maxwell. Approved 4-0.

V. Data Visualization Presentation, Katelyn Billings, APHC

Academic Public Health Corps (APHC) member, Katelyn Billings is sharing information on the project she has been working on with Ms. Donovan-Palmer on "Mansfield Food Establishment Violations." The presentation includes information on:

- Total number of violations by code from May 2019 - September 2022
 - Code 3.501.16: Hot and Cold Holding (83 violations)
 - Code 4.602.11: Contact Surfaces and Utensils (75 violations)
 - Code 3.501.17: Date Marking (71 violations)
- Total number of violations by code from January 2021 - September 2022 (Displaying post-COVID-19 onset data)
 - Code 3.501.16: Hot and Cold Holding (33 violations)
 - Code 5.205.11: Using a Handwashing Sink (31 violations)
 - Code 7.102.11: Common Name (30 violations)
- Differences in violations May 2019 - September 2022 versus January 2021 - September 2022
 - More than 80 violations between May 2019 - September 2022
 - More than 30 violations between January 2021 - September 2022

"Household Hazardous Waste Day" will be held at the Department of Public Works (DPW) parking lot on Saturday, June 17, 2023 for the community to safely dispose of their household hazardous waste. The APHC will be making flyer to hand out at the event on how to reduce and responsibly dispose of household waste. Ms. Donovan-Palmer would like to particularly reiterate that electronic waste will not be accepted at the event as many residents waited in line and their waste could not be accepted at last year's event.

XIV. Department Updates

Permitting - No discussion.

Bristol-Norfolk Public Health Partners Coalition Grants Update -

- **Public Health Excellence Grant Program for Shared Services** - The grant will be continuing with the same inspectors.
- **Local Health Support for COVID-19 Case Investigation and Contact Tracing** - The grant has been extended for another year.

FOG - Mr. Gilpin has collected the fat, oil, and grease (FOG) records of businesses around Mansfield and there are inconsistencies of businesses completing their FOG pumps every month. The cost of pumping is \$100 and the policy is that noncompliance wards a written first warning, a second warning of \$100, and a third warning of \$250. There will be a letter sent out to all businesses to remind them of the regulation, and those who are noncompliant in pumping and/or reporting will receive a formal first warning letter.

Ms. Donovan-Palmer reiterated that there was a FOG backup recently in the parking lot of a strip mall and DPW cleaned it up because the backup was not on private property but they will only clean what is on public property.

PFAS - No discussion.

Website/Social Media Update - A question from Ms. Kosaraju about social media led to an action that there will be research into the existence of various Mansfield social media accounts. Ms. Kosaraju recommends a social media presence for the health department to better distribute information to younger people and use it as a favorable platform for infographics. Ms. Blinn recommends that if an Instagram account is started, the APHC has graphics that are ready for use to fill the content inventory.

Housing Inspections - After attending a housing training, Ms. Donovan-Palmer projects that there will be a new housing code in April 2023.

Grant Applications -

- **FDA Retail Standards Grant**- Ms. Donovan-Palmer met with Diane Legere to start the process.
- **CHH Mini-Grant**- Ms. Donovan-Palmer met with a consultant from an independent living center to start the process.

Innovative/Alternative Technology in Septic Systems - No discussion.

XV. Visitor Comments

None.

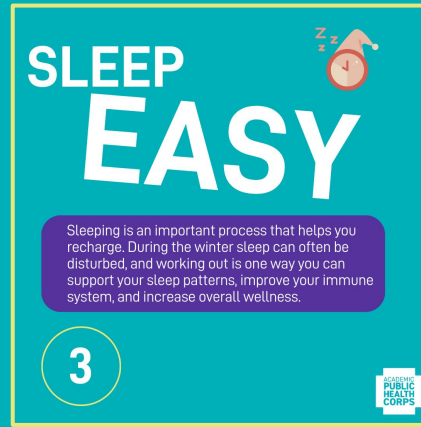
XVI. Items Not Known 48 Hours Prior

Ms. Blinn announces that there will be an event for parents at Mansfield High School about vaping on February 15, 2023 at 6:30 PM.

XVII. Adjournment

Motion to adjourn made by Mr. Healey, 2nd by Mr. Wilson at 9:00 pm. Approved 4-0.

Clerk _____ Date _____



Social Media Content Indoor Exercise

1. Create social media “tiles” with information about physical activity indoors (especially in the winter)
 - Reasons to stay active in the winter
 - Indoor exercise activity spotlight
 - Ways to avoid cold-causing dangers when exercising outdoors

Reflection