

DRAFT New England 2-day Rodent Academy, October 29-30, 2019

**Proposed Objectives:** to provide in-depth learning opportunity for PMPs, School IPM Coordinators, sanitarians, public health staff, building inspectors, code enforcement officers, and Extension educators on comprehensive approach to prevention, monitoring, and management of rodent pests of concern to public health and structural damage.

Topics to be covered:

**Bobby Corrigan**

- Health and economic impacts of rodents
- Rodent management 101: for beginners – intro to sanitation, exclusion, trapping, landscape modifications
- Rodent biology and ecology (including rats, house mouse, white footed and deer mice, and voles)
- Rodent identification
- Exclusion
- Modifying the environment
- Rat and mouse trapping (junior level to advanced level)
- Monitoring (with traps and bait stations and visual inspection)
- Recognizing rodent activity and entryways

**Other Speakers and Topics**

- Rodent cleanup (Lisa Silva, ME CDC), and Anne Lichtenwalner, Univ of Maine
- ME CDC Health Inspection program (what kinds of facilities are inspected and what protocols are used)- Lisa Silva
- Rodenticide toxicology (Dr Pam Breyer, ME BPC Toxicologist)
- Rodenticide use regulations (John Pietroski, Manager of Pesticide Program, or Megan Patterson, ME BPC)
- Rodenticides and Bait Stations (products, formulations, when and how to use them) Jason Myers, BASF
- School IPM (requirements for several states, record-keeping, prevention, exclusion, communication with school IPM Coordinator (Janet and Kathy)
- Hands-on activities (Identifying rodent droppings and taxidermied specimens, placing traps and bait stations (have participants put them in the places they think are best in a room and outdoors then compare and discuss which placements best for which situations). Everyone

**DRAFT AGENDA**

	10/29/2019 Tuesday	10/30/2019 Wednesday	
<b>TIME</b>	<b>Portland, ME</b>		
<b>7:30-8:00</b>	Registration		
<b>8:00-8:15</b>	Welcome/Introductions	Exclusion: how to build them out – Bobby Corrigan	
<b>8:15-9:00</b>	Health and Economic Significance of Rodents-- Dr. Bobby Corrigan		

<b>9:00-10:00</b>	Biology and Ecology of Rodents- Dr. Bobby Corrigan (include rats, house mouse, white footed/deer mice)	Rodenticides and Bait Stations (Products, formulations: how and where to use them) – Dr Jason Myers BASF	
<b>10:00-10:15</b>	<i>Break</i>	<i>Break</i>	
<b>10:15-11:15</b>	Inspecting for and Identifying Rodent Activity -Dr Corrigan	10:15-11:00 Modes of Action and how they impact humans and animals including non-targets - Pam Breyer, Toxicologist , ME Board of Pesticides Control	
<b>11:15-12:00</b>	Rodent Trapping for monitoring and control - Corrigan	11:00-11:30 Reading a Rodenticide labels - Use Restrictions, Regulatory Requirements: ME BPC (Patterson, Pietroski?) 11:30-12:00 Managing rodents in schools – Murray and Hurley	
<b>12:00-1:00</b>	<i>Lunch</i>	<i>Lunch</i>	
<b>1:00-3:00</b>	Inspection activity: Break into groups, inspect buildings and grounds for rodent activity and rodent trap and bait station placement. Students will mark on a grounds sketch or aerial photo signs of activity, exclusion and prevention deficiencies, sites where traps and bait stations could/should be placed. – Myers, Quinn, Peaslee, Corrigan, all participants, everyone	Using game cameras to monitor and identify rodent activity – Janet Hurley. 15 mins  1:15-3:15 Group activities: work in small groups. Inspect the landscaped beds, unmanaged areas and building exterior. Inspect the pest-vulnerable areas of a building. Then work with to develop an IPM plan for the buildings and immediate grounds based on inspections of the building exterior and grounds and ‘planted’ signs. Corrigan (will float among the groups), Chris Quinn , Mike Peaslee, Jason Myers, others will guide and facilitate the groups	
<b>3:00-4:30</b>	ME Health Inspection Process and Response- Lisa Silva, DHHS 3-3:45p  Cleaning up after rodents- Dr Anne Lichtenwalner, DVM 3:45-	3:15-4:15 <i>exams, certificates credits, wrap-up</i>	

	4:30		
<b>4:30</b>	Class dismissed.	<i>4:15 class dismissed</i>	

Class participants will need to demonstrate inspection, detection, and exclusion techniques

Class participants will need to demonstrate installing bait stations, monitoring devices

Class participants will need to demonstrate how to write up and present an IPM program to property managers

DRAFT

Payee	Expense	Cost
USM	Room rent	675
	AV	100
	Food (estimated 60/person x 55 people)	3300
Bobby	Speaking fee	2200
	Travel	600
Janet	Travel	1200
Subtotal		8075
DICAP	Currently ~26%, but program is assessed 15%	1211
Total		<b>9286</b>

Option 1:

Participant Registration Fee	40 x \$175	7000
Cost above those covered by participant registration fees		<b>2286</b>

Option 2:

Participant Registration Fee	40 x \$200	8000
Cost above those covered by participant registration fees		<b>1283</b>