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Past Issues

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Online Training Available:

<http://pmu.ifas.ufl.edu/>

Pest Management in and Around Structures:

<http://www.eXtension.org/>

Another Door Sweep Success!



Building Services/Pest Management

May 1, 2014



Faith M. Oi, PhD
University of Florida
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Box 110620
Gainesville, FL 32611-0620

Hi Faith,

Door sweeps are our 5th man here at Charlotte-Mecklenburg Schools! We, like many other districts across the nation have suffered from budget cuts over the past several years. Currently, we service approximately 22 million sq. ft. by 4 technicians (3 technicians service our schools and facilities; 1 full time technician take great care of our kitchens).

Below are three (3) success stories using Door Sweeps:

1. We had a mouse get into one of our mobile learning units which caused quite a raucous during the day while children were in the classroom. After cleaning up the "evidence" and installing new door sweeps the mobile unit haven't had any further activity.
2. Mice got into some paper products in a storage closet near an exterior door. We replaced a broken door sweep to stop the mice from entering into the school and placed a few glue traps to take care of the mice that did get in. After 13 months of monitoring, the school remains free of mice.
3. On one particular hallway, mice were invading several classrooms. We replaced door sweeps on several doors around the entire building and eliminated the mice that did enter. We haven't had a mouse call at that school since December, 2013.

As a part of our Integrated Pest Management (IPM) program, door sweeps were replaced on Kitchen doors as needed. Overall, we don't have many mice calls in our kitchens.

Best regards,

Zachariah T. Russell
Pest Management Supervisor
Charlotte-Mecklenburg Schools

In compliance with federal law, Charlotte-Mecklenburg Schools administers all education programs, employment activities and admissions without discrimination against any person on the basis of gender, race, color, religion, national origin, age or disability. Americans with Disabilities Act (ADA) Accessibility: If auxiliary aids for communication are necessary for participation in a CMS program or service, participants are encouraged to notify the ADA coordinator at least one week prior to program commencement at 980-343-6661 (voice) or accessibility@cms.k12.nc.us.

Email Faith (foi@ufl.edu) if you also have a success story to share! Keep working on replacing door sweeps as part of our effort toward sustainable IPM!

School IPM Focus - Summer Building Preparation

Believe it or not, summer break is right around the corner. For many

schools, summer break means reduced building traffic in classrooms, offices, and food preparation areas. Undisturbed buildings can provide a perfect location where pest issues can develop unnoticed. A great way to combat pest issues over the summer is to thoroughly inspect buildings before summer break begins. In this month's newsletter we focus on addressing your schools interior building issues.

Interior Building Inspection: Kitchens



Fig 2. Floor under serving line after end-of-school "deep clean." Is that a tater tot? Think there is enough in the wheels to sustain German cockroaches?

Pests often enter buildings to find food and water. Kitchens offer both resources to pests, and can present a major pest management concern if issues aren't addressed quickly and appropriately. **In our inspections after school has closed, we have found stacked dirty trashcans, French fries and milk cartons (with milk) under serving lines, freezers and defrosted with maggots living in the liquid, and a host of other unsanitary, pest-supporting conditions.** Even a small amount of grease left in an oven, or a few potato chips on the floor in a break room can

be enough to attract and sustain pests throughout the summer. Here are a few inspection and sanitation tips to ensure your cooking areas remain pest-free during the summer break.

- Inspect cooking and food preparation areas for signs of pests (feces, remains, tracks) and report potential problems to the IPM coordinator.
 - Make sure that sticky trap monitors are placed after the final "deep" clean.
- Store all food items in air-tight containers, not cardboard boxes.
- Dispose of food scraps and other waste that may attract pests.
- Ensure all trash receptacles are thoroughly washed and dried before being stacked for summer. If you are in a functioning kitchen through the summer make sure trash cans have a sealable lid, and are properly located away from windows and doors.
- Sanitize all sinks and countertops.
- Sweep and mop floors thoroughly, including floor-space under appliances and storage shelves.
- Ensure floor drains (if present) are properly cleaned and free of grease or food build-up.
- Make sure that freezers and refrigerators also are thoroughly



Fig 1. Trash can stacked for the summer after "deep cleaning." Not a good example of clean.

cleaned, including under the threshold of walk-ins.

- Eliminate standing water. Pests need water more than food. Sources include refrigerators, ice-makers, leaking faucets. Request repairs, if they are leaking.

We need your ticks!

If you have more than 5 raisin-sized, blood-fed female brown dog ticks, (*Rhipicephalus sanguineus*) we want them!

If you have ticks for us, please contact Dr. Phillip E. Kaufman
tel. (352) 273-3975
pkaufman@ufl.edu

and copy Lois Wood on email correspondence (lawood@ufl.edu, 352-273-3981). Either can provide more information on submission of ticks.



Fig. 3. Engorged female brown dog tick, about the size of a raisin

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Want to hear short updates from us in between newsletters? “Like” us on Facebook and “follow” us on Twitter!



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[Twitter](#)



[LinkedIn](#)

Upcoming Training Opportunities:

If you plan on taking the [State Certified Operator examination](#) through PMU, please submit your applications by:

July 1 for the Oct 17 PMU [State Exam](#) for Termite and WDO

(Write “**PMU NOV WDO**” on the top line of the state application)

July 1 for the Nov 7 PMU [State Exam](#) for GHP

(Write “**PMU OCT GHP**” on the top line of the state application)

May Offerings

Foundations of General Household Pest Management

Date: May 28-30, 2014; Wed-Fri (**Last one until Oct 1-3**)

Registration deadline: May 23, 2013

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$375

Pest control matters. Cockroach allergen mitigation can be achieved with IPM. Class duration: 2.5 days.

- Study domestic and peridomestic cockroach species and how to control them as well as rodent, small fly, filth fly, fire ant and nuisance ant management.
- Review the labels of commonly used GHP products, practice pest inspections at PMU's house and develop treatment strategies focused on IPM.
- Do a vehicle inspection and spill drill with Paul Mitola from DACS.

[Register here](#)

June Offerings

Foundations of Termite Management

Date: June 18-20, 2014 (**1 slot left**)

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$375

Learn how termites exploit over 50 building construction elements and how to treat them in a hands-on environment in 2-days instead of 2 years.

- Practice doing a DACS vehicle inspection and spill drill with Paul Mitola from DACS before a crisis occurs.
- Hear about the top 10 reasons technicians get in trouble and how to avoid them from Mark Ruff, industry attorney.
- Get more in-depth information on termite biology and behavior as well as product label navigation. Class duration: 2.5 days.

[Register here](#)

July Offerings

Termite Basics 100

Date: July 30, 2014

Time: 8 AM-5 PM (W)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$175

This one-day class is geared for the new technician, sales or office staff. Will help fulfill 40 hour training requirement for new ID card holders.

- Learn about the general Florida Statute 482 requirements for technicians and sales staff.
- Be introduced to basic termite biology and behavior in the context of structural infestations.
- Learn to determine different slab types in the field and the common ways termites enter structures
- Practice basic methods for treatment

[Register here](#)

General Household Pests Basics 100

Date: July 31, 2014

Time: 8 AM-5 PM (TH)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$175

This one-day class is geared for the new technician, sales or office staff. Partially fulfills 40 hour training requirement for new ID card holders.

- Learn about the general Florida Statute 482 requirements for technicians and sales.
- Learn the basics concepts Integrated Pest Management.
- Learn how to monitor and make decisions about treatment.

[Register here](#)

ADDITIONAL COURSES

Enroll in the June 2014 Landscape IPM: Ornamentals and Turf, and take your first steps toward getting a UF Pest Management certificate or becoming LMA certified!

- The course is called "[Landscape IPM: Ornamentals and Turf.](#)"
- Course number IPM 4254
- Offered for UF credit and will also count towards a UF Certificate in Landscape Pest Management
- Available for students who are enrolled at UF or for people outside UF who are interested in the material
- Available 100% online, must have computer and internet access to take this class

The LMA will offer students who pass this class the opportunity to become

LMA Certified without additional testing since they will be tested as part of the course.

Learn more about the UF distance program, including costs and how to register - <http://entnemdept.ufl.edu/academics/distance/>

To register for this course please complete a Nondegree Registration Request at the following website: <http://www.isis.ufl.edu/cgi-bin/eaglec?MDASTRAN=nda-intro>

You will need to fill out some personal information on the form and the following course information:

- Select Year and Term of Registration: 2014 Summer (June)
- College: THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES – Entomology Undergrad Distance Courses
- Course Information: Prefix- IPM. Number- 4254.

If you have trouble filling out this form and registering for the course please contact Ms. Ruth Brumbaugh, Entomology and Nematology Department Student Services Coordinator. Phone: 352-273-3912
Email: brumbaug@ufl.edu . *Please let Ms. Brumbaugh know you are attempting to register for the course as a Nondegree seeking student so she knows how to help you.*

If you would like more information about the course please contact the course instructor Dr. Jennifer L. Gillett-Kaufman Phone: (352)273-3950
Email: gillett@ufl.edu. She cannot help you with registration and will forward all registration requests to Ms. Brumbaugh.

PMU Courses

WDO category

July 30, 2014, [Termite Basics](#). Anyone in sales, office management, or brand new to the industry, this is the course for you.

Oct 15-17, 2014, [Termite Masters](#), **must** have taken Foundations

Dec 3-5, 2014, [Termite Expert](#), **must** have taken Foundations and Masters

GHP Category

July 31, 2014, [GHP Basics](#) . Anyone in sales, office management, or brand new to the industry, this is the course for you

Nov 5-7, 2014, [GHP Masters](#), **must** have taken Foundations

L&O Category

Please contact Dr. Eileen Buss (eabuss@ufl.edu, (352) 273-3976) directly with questions concerning these courses.

Sept 24-26, 2014, [Turf Foundations](#). Doing turf work? This is a must

have course.

Click on links for course descriptions or go to <http://pmu.ifas.ufl.edu/courses> for more information

News!



We hope you will submit news items and would be happy to help you write a story if you have an idea but don't have the time to write up the information. We like to share news and video when it happens using our social media outlets- **Twitter**, **Facebook** and **YouTube**. When you send news we will post it on one or more of these sites and again in the monthly newsletter. Feel free to send news or announcements as soon as they happen and we will post them. We hope this will get you more visibility. Please send news items to **Michael Bentley**.

Visit our website for back issues of **Florida School IPM News**. You can scan the QR code on the right with your smart phone or tablet to get there faster. You will need a QR code reader!