



## Pests and Pesticides in Child-serving Facilities: An IPM Newsletter

### Special Points of Interest

### UT Arboretum Society Announces "Bug Camp 2018"



Join "Stretch" and his bug pals at the **UT Arboretum Bug Camp 2018**

with Dr. Jerome Grant and the UT "Insect Zoo"

**June 20 - 22**  
**9 am - 2 pm**

Limited to 25 children  
Rising 2nd and 3rd graders

- Get up close and personal with bugs!
- Learn why you can't live without bugs!
- Insects—the good, the bad, and the buggly!
- "Stretch" your imagination at Bug Camp!

For information and applications contact:  
Michelle Campanis at 865-483-7277 or [mcampani@utk.edu](mailto:mcampani@utk.edu)

Camp Cost: \$75 for non-members or \$60 for members of the UT Arboretum Society

Sponsored by:



"Bug Camp 2018" will be led by University of Tennessee entomologist, Dr. Jerome Grant, with the "Insect Zoo." The camp, open to rising second and third grade students, will be held June 20 to June 22 from 9:00 a.m. to 2:00 p.m. each day. Friday June 22 will include a session from 2:30-3:00 p.m. for parents open house to see what their children learned during the session.

Limited to 25 children, the camp cost is \$75 for non-members of the UT Arboretum Society or \$60 for UTAS members.

At "Bug Camp 2018," campers will get up close and personal with insects.

They will learn why we can't live without insects and about the value of different insects. They will explore the good, the bad and the "buggly" of our relationship with the insect world. Each participant will have an opportunity to take home and "host" an insect if they choose during the session. Bugs are good, bugs are fun! Come to BUG CAMP 2018 and find out why as we explore insects with bug crafts, nature walks, science activities and the UT Insect Zoo!

For more information about registration and to request an application contact Michelle Campanis at 865-483-7277 or [mcampani@utk.edu](mailto:mcampani@utk.edu).

"Bug Camp 2018" is co-sponsored by the UT Arboretum Society, the UT Arboretum and Forest Resources AgResearch and Education Center, UT College of Agriculture and Natural Resources, and UT Entomology and Plant Pathology.

For more information on this program or the UT Arboretum Society, call 865-483-7277.

#### BUG CAMP 2018

**When:**  
Wednesday, June 20 -  
Friday, June 22,  
9 a.m. - 2 p.m.

**Where:** At the UT  
Arboretum Auditorium

**Wonderfully:** Entertaining  
and Educational

#### This issue

<b>Bug Camp 2018</b>	1
<b>Schools Out!</b>	2
<b>Links/Contacts</b>	3

## School's Out! Take Advantage of Vacant Classrooms to Remove Clutter and Food and Re-assess Your Structure and Pest Management Program

Pat Barnwell and Karen Vail



It's time for the obligatory end-of-year pest management reminder.

1. Reduce clutter. As teachers prepare rooms for a summer deep cleaning, ask them to discard items that haven't been used during the past year.



Pretzels found in a student locker over summer vacation.

2. Remove food in kitchens, classrooms, and concession stands if not in pest-proof containers. Clean the teachers' lounge. Check student lockers to make sure they are free of food and food packaging.

3. Ask vendors to empty all food from vending machines and to thoroughly clean inside, outside, under and behind the machines. Consider asking vendors to be responsible for the cleanliness of the machines and surrounding area in the next contract.

4. Inspect the schools and note problems that need attention. Look for gaps and holes in exterior and interior walls, leaky pipes and gutters, faulty drainage, and poorly sealed doors and pipe penetrations. Check the roof for moisture and structural problems as well as pest conducive conditions. Ask school staff to aid the inspection by submitting a list of needed repairs.

5. Deep clean kitchens, family life classrooms, and concession stands. Move equipment to clean under and behind it and steam clean to get rid of grease. Construct a list of guidelines for using the concession stand if sanitation has been a problem. Post instructions for using and cleaning equipment next to the equipment.

6. Periodically check plumbing to make sure P-traps don't dry out. Screen or add water to drains to prevent American cockroaches from entering.

7. Clean the dumpster and surrounding area.

8. Scout the grounds, including athletic fields, for fire ant mounds and yellowjacket nests. Check chain link fence covers and building perimeters for paper wasp nests.

9. Check for **and remove** pesticide products stored where children could access them. Place a special emphasis on inspecting classrooms for younger children because lice insecticidal spray is often illegally stored and used here.

10. Evaluate your IPM program and make changes if necessary. Ask your pest management professional for suggestions on improving your program.



Insecticidal spray can found in unlocked floor cabinet.

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Comments or questions  
 on this newsletter?

Contact [kvail@utk.edu](mailto:kvail@utk.edu)

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<http://tinyurl.com/UrbanIPMTN>

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For more information about IPM in Tennessee schools and other facilities, or to view past issues of *Pests and Pesticides in Child-serving Facilities*, please visit <http://schoolipm.utk.edu>

### **NATIONAL IPM INFORMATION**

eXtension's Pest Management In and Around Structures: Urban Integrated Pest Management [http://www.extension.org/urban\\_integrated\\_pest\\_management](http://www.extension.org/urban_integrated_pest_management)

National School IPM  
[schoolipm.ifas.ufl.edu/](http://schoolipm.ifas.ufl.edu/)

IPM in Schools Texas  
<http://schoolipm.tamu.edu/>

IPM Institute of North America  
[www.ipminstitute.org/](http://www.ipminstitute.org/)

School IPM PMSP—all schools IPM by 2020 <https://ipminstitute.org/projects/school-ipm-2020/>

National Pest Management Association IPM  
[www.whatisipm.org/](http://www.whatisipm.org/)

EPA schools  
<http://www2.epa.gov/managing-pests-schools>

For further information about the IPM program at your school or in your county, contact your county Extension Agent or the school IPM Coordinator. For county agent contact information, please visit <https://extension.tennessee.edu/Pages/Office-Locations.aspx>

## Precautionary Statement

To protect people and the environment, pesticides should be used safely. This is everyone's responsibility, especially the user. Read and follow label directions carefully before you buy, mix, apply, store or dispose of a pesticide. According to laws regulating pesticides, they must be used only as directed by the label.

## Disclaimer

This publication contains pesticide recommendations that are subject to change at any time. The recommendations in this publication are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. The label always takes precedence over the recommendations found in this publication.

Use of trade or brand names in this publication is for clarity and information; it does not imply approval of the product to the exclusion of others that may be of similar, suitable composition, nor does it guarantee or warrant the standard of the product. The author(s), the University of Tennessee Institute of Agriculture and University of Tennessee Extension assume no liability resulting from the use of these recommendations.

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