## REGISTRATION

(please type or print legibly)

COMPANY NAME

_____

_____

PARTICIPANT'S NAME(S)

_____

_____

PHONE, FAX, EMAIL NUMBERS (INCLUDE AREA CODES)

_____

_____

_____

BUSINESS ADDRESS

_____

_____

_____

PERSONAL ADDRESS

CITY _____ ___STATE _____ZIP _____

NO. ATTENDING _____X $ = _____

SPECIAL DIETARY NEEDS:_____

**Make check payable to**:

UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION, INC. (UMCPF)

**Mail by Oct. 1, 2012 to**:

Better Composting School

ATTN: Tina Scites
Environmental Sciences and Technology Department
University of Maryland
College Park, MD 20742-2315 (301-405-1198)

***Please Note: We are unable to process R* (Stars) and Credit Card transactions at this time; however, we DO accept PO's, checks and cash.***

GREGORY K. EVANYLO, Ph.D.- Dr. Evanylo, Professor & Extension Specialist, Department of Crop & Soil Environmental Sciences, Virginia Tech, specializes in the utilization of biosolids, manure, and other residuals derived from agricultural, industrial, and municipal activities. His work emphasizes the availability, transport, and effects of nutrients, trace elements, and organic matter in such residuals on plant health, soil properties, and water quality.

JACTONE AROGO OGEJO, Ph.D., P.E.—Dr. Arogo, Associate Professor & Extension Specialist, Department of Biological Systems Engineering, Virginia Tech, specializes in the management of manure and other organic residuals derived from agricultural and industrial operations. His work emphasizes treatment and product recovery from organic residues as well as agricultural air quality.

ROBERT E. GRAVES, Ph.D., P.E.—Dr. Graves, Professor, Department of Agricultural & Biological Engineering, Penn State, specializes in manure and organic waste handling, processing, storage and utilization and design, and management of animal housing and production systems, especially dairy. In the 1980s he initiated efforts to encourage cooperation between municipalities and farmers in handling leaf and yard waste.

GARY K. FELTON, Ph.D.—Dr. Felton, Associate Professor, Department of Environmental Science & Technology, University of Maryland, specializes in the fate and transport of nutrients and on-farm applications of technology. In particular, his work has focused on poultry litter application, co-composting poultry litter and other wastes, and nutrient fate and transport from poultry litter stockpiles.

NADINE DAVITT—Ms. Davitt manages Penn State's Organic Materials Processing and Education Center. Her work includes day to day management of a composting, mulch manufacturing and soil blending facility; and recipe development, feedstock processing, and enterprise accounting. She also provides technical support to research projects and participates in outreach activities in the organics processing industry.

Better Composting School is committed to creating a sustainable future through recycling, conservation, and environmental advocacy. This brochure is printed on 100% post-consumer paper with recycled fiber. Photos by Edwin Remsberg.

# Better Composting School

## OCTOBER 15-18, 2012

Sponsored by:
University of Maryland
Penn State University
Virginia Tech

www.compost.umd.edu


## PURPOSE

To train operators of compost facilities in the science of composting.

## WHO SHOULD ATTEND

Composting plant operators, managers and other interested persons.

## ENROLLMENT LIMITATIONS

Enrollment will be limited to the first 40 who enroll with the required registration fee.

## COURSE OF INSTRUCTION

School starts promptly at 10 a.m., October 15 and ends at noon, October 18.

## REGISTRATION FEE

$425 for the three-day school if received by October 5, 2012. Registration after October 5, 2012 will be $450. The registration fee includes handout materials, third-day tour, all breaks, tour lunch, facility rental, and other administrative costs.

## LOCATION

Classroom and laboratory work will be held at the USDA Beltsville Agricultural Research Center Building 005 and other locations.

## COMPOSTING & COMPOST STANDARDS

Composting is becoming the method of choice for converting organic waste into a marketable product- Commercial Compost. If horticultural industries and home gardeners are to accept commercial compost as they do fertilizers, processed animal manures and peatmoss, the compost must be produced under controlled conditions employing methods deemed acceptable by the industry. Horticultural industries include nurseries, greenhouses, landscape contractors, garden centers, and landscape maintenance companies. Such service providers are major users of organic matter and fertilizers.

Since commercial compost can be manufactured from a variety of waste materials, a variety of standards have been established based on end uses. Managers of composting facilities must be familiar with these standards and with the waste materials and composting systems that can best produce the desired products. Composting to produce a product that is consistent in quality will require good management and quality control.

School participants will learn the basics of making good compost. They will tour commercial operations. They will perform product sampling and learn simple procedures for compost testing. Participants will become better composters. For additional information, call 301-405-1198.

## LODGING

A block of rooms has been reserved at the Holiday Inn (10000 Baltimore Ave (Route 1), College Park, MD 20704), $109/night for single or double occupancy (includes breakfast). Participants are responsible for making their own lodging reservations. A block of 15 rooms will be reserved at the above price until October 5, 2012. Call Holiday Inn for reservations at 301-345-6700. Indicate that you are with the Better Composting School (BCS).

Lunch will be provided Thursday during the tour.

*Precise directions will be sent with registration confirmation. Holiday Inn will have available transportation to and from the USDA Beltsville Agricultural Research Center.*

## TOPICS

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| | Introduction |
| | Science of Composting |
| | Processes and Equipment |
| | Site Selection |
| | Feed Stocks and Mixes |
| | Composting Mortalities |
| | Processes and Odor Control |
| | Computer-Aided Recipe Making |
| | Tour of 4-5 Commercial Composting Facilities |
| | Collect Compost Samples for Laboratory |
| | Health and Safety Issues |
| | Compost Quality and Standards |
| | Laboratory Procedures for Compost Quality |
| | Compost Utilization |
| | Marketing and Economics |