MG Annual Training Day
May 22, 2013

The Maryland Master Gardener Fifteenth Annual Training Day will take place this year on Wednesday, May 22 at UMCP (8am-4:30pm), Stamp Student Union and Plant Sciences Building. This year our event will

• Include the Maryland Master Naturalists. Their activities will be centered in the Plant Sciences Building and MGS will be centered in the Stamp Student Union, but we’ll all be together for the keynote and lunch. All classes will be open to both MGs and MNs.

• All MG classes (except for maybe labs and walks) will be in the same building.

As most of you know this is the one MG event you just can’t miss- and it only happens once a year. This year we expect it to be more fun than ever.

• The HGIC players will get us all laughing as they regale us with stories from callers.

• Keynote speaker, Rick Darke is a tremendously popular speaker with awesome photographs and an important message. (See story on page 2.)

• Featured speaker: Diana Ott Whealy, Co-Founder, Seed Savers Exchange. (See story on page 2.)

Other great reasons to come:

• Experts in their fields will keep you updated on all of the latest news and techniques.

• You’ll have 40 different workshops to choose from on so many great topics: IPM, native plants, fruit, diseases, cut-flower gardens, seed starting, landscaping, old-growth forests, tropicals, heirloom seeds, vegetables and so much more.

• Your yearly advanced training requirement will be nearly fulfilled.

• Wonderful comraderie. Over 800 MG’s will be on hand to celebrate and to meet one another.

• Trade show where vendors cater specifically to MGs: crafts, books, jewelry, seeds, tools, lots of plants and more...This year we’ll even have two native plant vendors.

• Great value. For just $69 you get keynote speaker, 3 workshops, breakfast, lunch, trade show, parking and modern, air conditioned facilities.

• MG Merchandise—pick up or buy shirts, hats, mugs, aprons, vests and more. (Please pre-order any items with your Annul Training Day registration form.)

MG Website URLs are Changing

The University of Maryland is changing web platforms, so all of our state, county, city web addresses need to change. For sites currently using the Cascade Server, the change-over will happen on April 2, 2013.

• The new state MG website address will be extension.umd.edu/mg.

• County or city web addresses will have their name come after the state MG website name. For example, Howard Co. MG website will become extension.umd.edu/mg/howard.

MG Annual Training Day
Timetable

• Schedule and registration form will be coming to you in March.

• Online registration will open up mid-March.

• You must register by 4/30/13 to get the $69 price. It’s $79 after this date.

• Your personal schedule, maps, and meal tickets will be mailed to you mid May.
MG Advanced Training Day - Featured Speakers

Rick Darke

is a widely published author, photographer, lecturer and consultant focused on regional landscape design, planning, conservation, and enhancement. Blending art, ecology, and cultural geography, Darke is dedicated to the design and stewardship of the liveable landscape. He has studied and photographed North American plants in their habitats for over 30 years. A broadly knowledgeable horticulturist, Darke has traveled extensively in both hemispheres, exploring diverse ecologies and cultural landscapes. Darke is currently working on a new book, co-authored with Doug Tallamy, to be published by Timber Press.

Darke’s own garden, made with Melinda Zoehrer, his wife and co-horticulturist, comprises 1.5 acres in the rolling piedmont of Landenberg, Pennsylvania, and features locally native and adapted plants and regional relics.

Darke served on the staff of Longwood Gardens for 20 years, beginning in 1977 as Taxonomic Assistant. As Curator of Plants from 1986-1997, Darke played a major role in developing the Gardens’ indoor and outdoor displays, and was directly responsible for the identification and data management of the nearly 10,000 different plants comprising Longwood’s grounds and conservatory collections. His work with international plant exploration and introduction has taken him to Japan, South Africa, England, Germany, Brazil, Australia, New Zealand, Costa Rica, and the Canary Islands.

Darke has served as a horticultural consultant for diverse public landscapes and gardens and is the author of many books and publications including

• The Wild Garden: Expanded Edition
• The American Woodland Garden: Capturing the Spirit of the Deciduous Forest
• The Encyclopedia of Grasses for Livable Landscapes

Diane Ott Whealy

is a co-founder and Vice-President of Seed Savers Exchange. For more than 35 years, she has been a national leader in the heirloom seed movement and a strong advocate for the protection of the earth’s rare genetic food stocks.

Seed Savers Exchange has more than 13,000 members: gardeners, orchardists, chefs, and plant collectors dedicated to the preservation and distribution of heirloom vegetables, fruits, flowers, and herbs. With thousands of varieties in its collection, Seed Savers is one of the largest non-governmental seed banks in the United States.

In 1986 Diane helped to develop Heritage Farm, Seed Savers’ scenic 890-acre headquarters near Decorah, Iowa, to maintain and display collections of endangered food crops. Diane is an experienced gardener who designs the heirloom display gardens each summer at Heritage Farm. She authored Gathering: Memoir of a Seed Saver, which tells the story of how the dream of two people became, with the help of like-minded others, the extraordinary organization Seed Savers Exchange is today.

MG Identity Items Available

Show your MG pride and bring more awareness about the MG program and all that we do for the community by wearing MG branded clothing.

This year we’ll have a wide assortment of shirts, hats, aprons, toolbag and shopping bags, MG patches, water bottles, mugs, fleece vests, etc.

There will be a list of these items with tiny pictures coming to you in the mail in your MG Annual Training Day brochure. It would be preferable to go to state website to see color pictures and get a fuller description of the items.

We only order merchandise once a year, so this is your chance! You do not have to attend Training Day to order - we will send merchandise that’s not picked up on 5/22/13 back to city/county MG offices.

You can order online or use the annual training day brochure to order (once registration is open mid-March).

mastergardener.umd.edu (before 4/2)
extension.umd.edu/mg (after 4/2)
Click on “Advanced Training Day” then on “MG Merchandise”.
**MG Advanced Training**

Your MG training does not end with basic training—it just begins there. It’s essential (and fun) to continue your education in as many ways as you can. Many courses are “stand-alone”, others can be grouped to obtain an advanced certificate.

**CONGRATULATIONS!!
MG Advanced Level II Certifications Awarded**

The following MGs have completed classwork, homework and community service to achieve their Certifications in 2011 and 2012. Congratulations!!

**Woody Plants Certificate**

2011
Laura Dean - St. Mary’s
Deborah Patton - Howard

2012
Beverly Jane Slade – Carroll
Carol Teets – Charles

**Plant Diagnostics Certificate**

2011
Michele Brown – Anne Arundel
Wally Chaillou - Howard

2012
Meryl Benenati – Frederick
Tenley Erickson – Prince George’s
Corliss Glennon – Howard Co.
Paula Knepper – Montgomery
Joyce Woodford – Queen Annes’

**Master Composter Certificate**

2011
Mary Beam – Anne Arundel
Katie Dott – Baltimore Co.
Anita Goehringer Pannon – St. Mary’s
Carolyn Gonzalez – Baltimore Co.
Karen Greely –Washington
Deb Intveldt – Washington
Edward Keyser - Harford
Bradley Kennedy- Price George’s
Dave Kneipp – Prince George’s
Vickie Miller – Baltimore Co.
Ted Moran – Harford
Maria Myers – Carroll Co.
Keith Ohlinger – Montgomery
Gail Pearson – Washington
Anne Rivera – Howard
Cheryl Roettger – Harford
Kathy Rosendale – Howard
Laetitia Sands – Dorchester
Nicolas Tardif – Price George’s
Carolyn Vane – Baltimore Co.
Nancy Wakefield – Baltimore Co.

2012
Paul Beares – Baltimore Co.
Sheila Bowman – Carroll Co.
French Cornell – Harford
Carole Fullager – Anne Arundel
Gale Kuderko – Baltimore City
Katherine A. Lewis – Baltimore City
Sue Owens – Anne Arundel
Denise Peach – Anne Arundel Co.
Wendy Smith – Montgomery
Kim Wallace – Harford

**How to Get Advanced Certification**

**Woody Plants**
You will need to take 5 courses:
- Plant ID/Taxonomy
- All 4 of the 200 Common Landscape courses:
  - Shade Trees
  - Ornamental Trees and Vines
  - Flowering Shrubs
  - Evergreen Trees and Shrubs

**Plant Diagnostics**
You will need to take 4 courses:
- Plant Diseases
- Entomology
- “Ask a MG” Practicum
- Plant ID/Taxonomy

**Master Composter**
Requires class attendance, project completion and 10 hours of volunteer work.

**Landscape Design for Water Management**

2011
Ruth Axelrod – Frederick
Wally Chaillou – Howard
Linda Decker – Howard
Pat Harrington – Howard
Gaye Holcomb – Howard
Patricia Hooker – Howard
Irene MacDonald – Howard
Laetitia Sands- Dorchester
Mary Streb – Howard
Kordell Wilen - Cecil

2012
Natalie Brewer – Howard
Regina Irizarry – Frederick
Susan Knisely – Anne Arundel
Jim Mac Nicholl – Anne Arundel
Roberta McConochie – Anne Arundel
Bonnie Pavlak – Anne Arundel
Marietta Schreiber – Anne Arundel
Ann Vieth – Howard Co.
George Yurek – Talbot

**Vegetables**
Requires 5 days of MG Advanced Training in Vegetables.

Look for when and where these classes will be held in this newsletter or check the Master Gardener State website under Advanced Training.
Thank you, MG’s, for Your Years of Dedicated Service 2011 & 2012

Congratulations and a sincere thank you to all MG’s who have achieved an anniversary milestone in the MG program in 2011 and 2012. You are the ones that really provide the continuity, expertise, and glue that hold the entire program together. We are pleased that we have so many MGs to recognize for their 5, 10, 15th and 20+ anniversaries.

**2011**

**5 YEARS - Class of 2006**
- Alleghany
  - Donna Gates
  - Mary Jo Price
  - Robert Swan
  - Cathy Webb
  - Bill Witte
  - Christine Johnston-Sceee

- Baltimore City
  - Pamela Cady

- Calvert
  - Karen Anderson
  - Mary Butz
  - Denise Moroney
  - Patricia Terlisner

- Carroll
  - Linda Broadfoot
  - Joanna Compton
  - Cheryl Davis
  - Jeanette Gilmore
  - Evie Matzke

- Charles
  - Elizabeth Grem
  - Louise Kerns
  - Carole Rauscheisen
  - Margaret Tierger
  - Barbie Walter

- Frederick
  - Pamela Brothers
  - Joanne Brown
  - Julia Cubit
  - Chris Judd
  - Ted Lambert
  - Mollie Stock
  - Jane Talarico
  - Moira Weldon

- Howard
  - Jean Bicknell
  - Dreda Collins
  - Sherry Conklin
  - Linda Decker
  - Jane Hayes
  - Sylvia E. Huestis
  - Robert W. Nixon
  - Rosemary Noble
  - Carol Spencer
  - Jan Marie Williams-Nguyen
  - Lisa Wingate
  - Janice Winter

- Montgomery
  - Joy Adler
  - Catherine Callaghan
  - Leslie Cronin
  - Linda Daniel
  - Martha Fisher
  - Brad Foss
  - Lynn Furrow
  - Jean Griffith
  - Linda Kall

- Prince George’s
  - Hada Flowers
  - Joseph Henson
  - Frank Kahan, Jr.
  - Franchella Kendall
  - Elizabeth Olson
  - Laura Schell
  - Amy Taylor
  - Betty Wells

- Queen Anne’s
  - Naomi Buckalew
  - Suzanne Davis
  - Lorna Dutch
  - David Gauntt
  - Judith Geggis
  - Cheryl Huyck
  - Jacqueline Kelly
  - Deborah Pusey
  - Roger Tilden

- St. Mary’s
  - Mary Bauer
  - Liz DeLorme
  - Cherie Heely
  - Mary Kukla
  - Dean Meloney
  - Bev Middleton
  - Jennifer Paulk
  - Marcia Shaprio

- Talbot
  - Doris Asam
  - Jane Bender
  - Steve Bender

- Wicomico
  - Sharon Connelly
  - Joleen Killinger
  - Verna Lankford
  - Penny McGrath
  - Mike Morton

**10 YEARS - Class of 2001**

- Anne Arundel
  - Robert C. Bates
  - Robin Costas
  - Harry J. DeLong
  - Maureen Donovan
  - Elaine Flanagan
  - Kay Ford
  - Bonnie Pavlak
  - Denise Peach
  - Patsy Peters

- Baltimore City
  - Michele H. Barnycz
  - George H. Hartig
  - Susan Woolhiser

- Maryland
  - Doris Alexander
  - M.T. Alexander
  - Janet Madsen

- Harford
  - Marlene Bush
  - Julie Grace
  - Diane Payne
  - Carol Powell

- Howard
  - Susan J. Bauer
  - Gayle Hill
  - Marilyn Lauffer
  - Norma Lynch
  - Holly McFarland
  - Mary E. Murphy
  - Nancy Rescigno
  - Cindy Sabra
  - Fran Shellenberger

- Montgomery
  - Dr. Rosalie Barr
  - Betty Cochran
  - Carole Galati
  - Barbara Maxwell
  - Thomas Maxwell...
  - Ermona McGoodwin
  - Janine Trueau

- Prince George’s
  - Emory Givens
  - Barbara Hopkins
  - Phyllis LaBorwit

- Queen Anne’s
  - Fran Peters
  - Sandy Simonson

- St. Mary’s
  - Ann Hoover
  - Lena Gill
  - Louise Woods

- Talbot
  - Linda Lockhart
  - Elaine Miller
  - Elizabeth Shifflette

- Wicomico
  - Patricia Kernan

**20+ YEARS**

- Baltimore City
  - Allan DeGray
  - Larry Kloze
  - Mary DeGray
  - Elizabeth Strat

- Howard
  - Mary Gold
  - Beth Flicker

- Montgomery
  - Arlene Cole

- St. Mary’s
  - Suzanne Patterson

- Talbot
  - Jean Adams
2012

5 Years-Class of 2007

Anne Arundel
Dena Cameron
Marcia DeFalco
Pam Dennison
Sarah Findlay
George Honeycutt
Ginny Klocko
George Lambert
Ellen Levin
Helen Loughrey
Jim Mac Nicholl
Barbara MacNemar
Pat Morrison
Anne Nourse
Joan O’Connor
Patricia (Pat) Parks
Lisa Schick
Joan Sills
Judy Thompson
Rosie Tucker
Kari Yent

Montgomery
Anne Aben
Michelle Amtmann
Prentice Bowsher
Judy Bradley
Dennis DeNio
Margarette Fields
Debbie Friedman
Bernice Garza
Nancy Greenblatt
Martin Isaacson
Norma Kaladas
Diana Mayne
Madgie McLaughlin
Erica Smith
Merikay Smith.
Frances Smithson
Julie Super
Pamela Trochesset
Sara Wagschal
George Willingmyre

Prince George’s
Casey Kneipp
Nila Olimpo-Henson

Queen Anne’s
Peggy Christie
Carole Colavito
Linda Goldkrantz
Alice Macnow
Colleen Raudenbush
Mary Ellen Romney
Robert Safer

Carroll
Patricia Green
Connie King
Liza Sanford-Crane

Washington
Sharon Bondoff
Linda Burns
Anne Courtemanche
Bob Courtemanche
Will Godwin
Susan Jenkins
Sue Ross
Amy Sargent
Jason Swope

Baltimore City
Mary Lewis
Patricia Martin
Steve Nordfjord
Debra Swartz
Loren J. Western
Ava Worrell

Baltimore
Janice Herschman

Howard
Denise Garman
Jo Ann Russo
Barbara White
Michele Wright

Montgomery
William Connors Jr.
Adele Fein
Hayley Goris
Pat Kenny

Baltimore City
Allan DeGray
(22 Years -1990)
Mary DeGray
(29 Years - 1983)
Lawrence Kloze
(22 Years -1990)
Elizabeth Stran
(30 Years - 1982)

Howard
Sharon Koury
(20 Years - 1992)
Sandra Roemer
(20 Years - 1992)

Montgomery
Joseph Ginther
(20 Years - 1992)
Barbara B. Knapp
(20 Years - 1992)
Joan O’Rourke
(20 Years - 1992)

Howard
(21 Years -1991)

St. Mary’s
Suzanne Patterson
(22 Years - 1990)

Wicomico
Jan Adams
(21 Years - 1991)

2012

5 Years-Class of 2007

Anne Arundel
Kathleen Finch
Elizabeth Francies
Connie Glover
Nancy Lewis
Margit Sharff
Heather Wight
Pat Wilmens
Rhoda Wilmsen
Mary Wormell

Cecil - 5 Years
Nancy Bentley

Charles
Barbara Hill
Janet McGrane
Judy Norris
Joyce Rose
Carolyn Sauer

Frederick
Pam Miller
Mary Riesch
Reiko Royston

Garrett
Sherry Frick

Harford
Beth Babikow
John Bach
Ethel Colbert
Ruth Eisenhour
Sarah Harris
Donald Horton
Michael Palazzo
Ellen Tacie
Kathleen Warner

Howard
Bettye Ames
Lisa Knab Baum
Carmen Carpenter
Paul Farragut
Donna M. Hennessy
Gerald Kissel
Cathy A. Latham
John Law
Callie B. Peddicord
Carolyn Rimes
Anne Roy
Lynda L. Walton

Montgomery
Anne Aben
Michelle Amtmann
Prentice Bowsher
Judy Bradley
Dennis DeNio
Margarette Fields
Debbie Friedman
Bernice Garza
Nancy Greenblatt
Martin Isaacson
Norma Kaladas
Diana Mayne
Madgie McLaughman
Erica Smith
Merikay Smith.
Frances Smithson
Julie Super
Pamela Trochesset
Sara Wagschal
George Willingmyre

Prince George’s
Casey Kneipp
Nila Olimpo-Henson

Queen Anne’s
Peggy Christie
Carole Colavito
Linda Goldkrantz
Alice Macnow
Colleen Raudenbush
Mary Ellen Romney
Robert Safer

Carroll
Patricia Green
Connie King
Liza Sanford-Crane

Washington
Sharon Bondoff
Linda Burns
Anne Courtemanche
Bob Courtemanche
Will Godwin
Susan Jenkins
Sue Ross
Amy Sargent
Jason Swope

Baltimore City
Mary Lewis
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Steve Nordfjord
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Ava Worrell

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St. Mary’s
Suzanne Patterson
(22 Years - 1990)

Wicomico
Jan Adams
(21 Years - 1991)
Welcome to MG Advanced Training
by Robin Hessey, State MG Advanced Training Coordinator

There’s always more new and exciting information out there - knowledge that will help MG’s fulfill their mission to teach folks about how to have more sustainable gardens and landscapes, how to manage stormwater, how to pick and cultivate plants in ways that enhances the natural environment, how to grow their own food, how to always be mindful of the Bay, how to recognize and deal with insects and diseases in the safest, most effective manner and, how to appreciate and marvel at the wonders of our world.

The State MG Program works to develop courses that will help trainees quickly become more seasoned, and will help more experienced MGs learn advanced techniques and become more knowledgeable. These courses will help satisfy the 10 hours of required advanced and continuing education necessary to be a MG in good standing.

New this year are our expanded offerings for vegetable gardening (and new MG Advanced Training Certificate) and water management. Our Landscape Design for Water Management classes will be in 3 locations this year. We are partnering with UME Sea Grant for these classes. We’d like to introduce you to Sea Grant Extension (see article p.7).

Please look carefully at all of the offerings in this brochure and sign up for them early since most do fill up. On-line registration is not available. However, you can use the form at the end of this brochure or go to the MG state website to obtain a “typeable” form that you can then email, fax, or mail back.

Educational Resources for the MG

The Home & Garden Information Center

All home horticulture and pest management questions directed to University of Maryland Extension are answered by our staff of Certified Professional Horticulturists at the Home and Garden Information Center (HGIC). This state-wide resource will provide you with free information and consultation services that will help solve your garden, landscape, and pest problems. You can:

- email HGIC pictures and questions.
- call the HGIC toll-free “hotline”, Monday-Friday, from 8am-1pm: 1.800.342.2507 and speak to a Certified Professional Horticulturist
- Download and view dozens of fact-sheets by clicking on the “Publications” button
- Diagnose your plant and pest problems by clicking the “Plant Diagnostic” button on the home page.

Be sure to sign up for the HGIC electronic newsletter that is sent out periodically to keep you informed of important events, topics, and breaking news. This e-newsletter will alert you to plant problems and pests, new gardening techniques and ideas, and direct you to great sources of information on the HGIC web site and other web sites.

In order to prevent spam software from blocking our newsletter, be sure to add listserv@listserv.umd.edu to your address book or to your “safe senders” folder. Only HGIC faculty and staff members will post to the homeandgarden listserv.

Other good stuff to sign up for:

Weekly IPM Alerts
Timely and informative weekly updates by Central MD Research and Edu. Center Stanton Gill and Suzanne Klick that will alert you to everything that is happening in the landscape. Great pictures too. Google “MD Weekly IPM Alerts”. Contact Suzanne at sklick@umd.edu to get on email list.

Grow It Eat It Listserv: If you want to get all of the latest GIEI news (internal MG GIEI news), send Robin (rmhessey@umd.edu) an email and she’ll add you to the listserv. You’d get about 2 posts a month.

Grow It Eat It Blog
You can get GIEI posts sent right to your inbox by entering your email address in the “Follow By Email” box on the blog page. (To find the blog page, go to the Grow It Eat It website - current address is www.growit.umd.edu - or google it.)

This is a great blog with lots of variety and interesting posts about what’s happening in the garden at any particular point in time, successes and failures and interesting experiments. If you follow by email, you’ll always be kept up-to-date.
Are you interested in enhancing your connection to University of Maryland Extension (UME)? UME Sea Grant Watershed Restoration Specialists would like to get to know you better too! There are five Watershed Restoration Specialists working around the state and our goal is to reduce nutrient and sediment inputs to local rivers and streams by implementing restoration projects and educational programs that lead to behavior change. Examples of these projects include rain gardens, rain barrels, bio-retention areas, wetland restoration, low-impact development, and more.

As Master Gardeners working closely with community members, you have the expertise and knowledge to help identify locations for restoration projects and educational programs. Indeed, you may already know of several homeowners who want to make their landscapes more stormwater friendly but just don’t know how to start. We would like to partner with you to move these projects forward.

Currently, we have two exciting projects going on in partnership with the State Master Gardener program:

- **The first project** is in collaboration with Robin Hessey to standardize and enhance the “Landscape Design for Watershed Management” advanced training class. We are looking forward to meeting some of you during these sessions and sharing ideas across programs.
- **The second project** is the development of a Signature Program called “Stormwater Trackers.” There are currently no tracking mechanisms to record the small but valuable contribution that homeowner Best Management Practices make toward Bay restoration. These include rain barrels, conservation landscaping, replacement of impervious surfaces, and many more. The Sea Grant Extension program contracted with Towson University Department of GIS to create an online tool to track, record, and verify the installation and use of these practices. We will need trained and knowledgeable volunteers to conduct site verifications so these practices can receive credit in the local Watershed Implementation Plan. We are interested in working with any Master Gardeners who would like to help with this effort.

Both projects are funded with UME internal grants.

Some other ways that we could work together include speaking at your meetings and trainings on a variety of issues including stormwater education, Low-Impact Development, Chesapeake Bay health, and other watershed related topics; developing stormwater education materials; searching for funding for community-based stormwater management projects; partnering to create Watershed Stewards Academies; connecting your projects to local governments and the TMDL process (every practice counts!); and much more.

If you are interested in learning more about the Watershed Restoration Specialists and how we could work together, please contact the Specialist in your region (see below). More information can also be found at http://www.mdsg.umd.edu/programs/extension/communities/watershed/.

We look forward to working with you!

Jennifer Dindinger - Lower Eastern Shore  
jdinding@umd.edu

Amanda Rockler - Central Maryland  
arockler@umd.edu

Amy Scaroni -Mid/Upper Eastern Shore  
asaroni@umd.edu

Jacqueline U. Takaes - Southern Maryland  
takaes@mdsg.umd.edu

Krisztian Varsa - Northern Maryland  
kvarsa@umd.edu
MASTER COMPOSTER

Wednesdays March 13 and March 20; 9:30am-3:00pm
Frederick County Extension, Frederick
Instructors: Lew Shell, Horticulture Consultant, HGIC and Anne Arundel Co. MG; Susan Levi-Goerlich, Howard Co. MG; Keith Ohlinger, Montgomery Co. MG; AnnMarie Creamer, Frederick Co. Recycling Outreach Coordinator

Registration Fee: $45 plus required and optional texts; Registration Deadline: 3/6/13

Learn all about composting from dedicated Master Gardener Composters. This advanced course, designed to teach the teacher, will not only enable you to improve your own composting techniques, it will empower you to share your knowledge with novices and experts alike. You will be given instruction in both the science and the art of making compost and be given the opportunity to hone your own personal teaching skills. Class participants are expected to give 10 hours of volunteer time in the next 12 months in the area of compost education in order to receive Master Composter certification.

LANDSCAPE DESIGN FOR WATER MANAGEMENT

We will be offering this course in three different locations in partnership with Maryland Sea Grant Extension (see article p. 7) These courses are being supported by a University of Maryland Extension grant.

<table>
<thead>
<tr>
<th>County</th>
<th>Dates</th>
<th>Location</th>
<th>Days</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montgomery County</td>
<td>Wed. April 17, April 24, May 1</td>
<td>UME, Derwood and one other location TBA</td>
<td>4/10</td>
<td>9:30-3:30 plus optional field trips and exercises</td>
</tr>
<tr>
<td>Queen Anne's County</td>
<td>Wed. May 8, May 15, May 29</td>
<td>WYE REC, Queenstown</td>
<td>5/1</td>
<td>9:30-3:30 plus optional field trips and exercises</td>
</tr>
<tr>
<td>St. Mary's County</td>
<td>Wed. June 5, June 12, June 19</td>
<td>Soil Conservation Office in Leonardtown</td>
<td>5/29</td>
<td>9:30-3:30 plus optional field trips and exercises</td>
</tr>
</tbody>
</table>

Primary presenter: Jack Leonard, Principal of JGL Design Associates; Adjunct Professor at University of Maryland; Balto. Co. MG
Other presenters: Will vary by location and will include (depending on location) Ann English, Rainscapes Coordinator, Montgomery Co., MD Dept of the Environmental Protection; and MD Sea Grant Watershed Restoration Specialists: Jennifer Dindinger, Amanda Rockler and Jackie Takacs, as well as many other field-walk and subject matter specialists.

Does water flow off your property quickly? Does it pool in the wrong spots? What can and should be done? Excess water flow is also creating critical environmental problems. Erosion, pollution, and run off are destroying water quality and native habitat. Since a great percentage of the problem is caused by run off from private property, Master Gardeners are in the perfect position to help correct many of the problems.

Goal of the course: To increase the knowledge and capacity of Master Gardeners so that they can effectively conduct water management outreach in their communities and provide assistance to other organizations and individuals who may wish to undertake a water management project, but not have the horticultural knowledge or critical understanding required for a successful project.

Secondary goal: To develop a core of county-based MGs who are specifically trained in stormwater stewardship to conduct assessments, assist others and support their counties or city with stormwater BMP verification.

In this course, you’ll gain some very specific skills:
1. Specific information about plants used for conservation landscaping so that you can advise clients on plant selection, placement.
2. How to install rain barrels
3. How to assess a site

You’ll also learn design techniques that help manage water in the best possible way.
• Learn how to make good design decisions including resource protections, microclimates, amount and type of hardscapes, material selections, maintenance requirements and best management practices (best design principles) for water management.
• Learn in-depth about and take field trips to both rain-gardens and riparian buffers.
• Understand the scale of the problem and the role of the Master Gardener in the solutions.
Learn all about the woody plants (approximately 200) that we usually see in the landscape - both native and non-native. These classes will combine lectures with hands-on activities in which you will learn to identify, understand the cultural requirements of, and select the very best plants for Maryland landscapes. Take just one section or all 4 sections. Each student will receive a copy of Common Maryland Landscape Plants, a practical guide to selecting woody plants for Maryland gardens.

### Evergreen Trees and Shrubs

- **St. Mary’s Co.**
  - (Charlotte Hall Library)
  - Field Trip: Nat’l. Arb.
  - Thurs. 4/11, 4/18, 4/25
  - 10am-1pm
  - Bob Stewart, UME Educator, Retired
  - $45
  - Reg. Deadline: 4/4

### Flowering Shrubs

- **UME Harford Co.**
  - (and field trip to Longwood Gardens)
  - Tues 4/23, 4/30; 9:30-12
  - Tues 5/7, 9-1; (field trip)
  - Joyce Browning, MG Coordinator, Harford Co.
  - $56 (includes field trip to Longwood Gard.)
  - Reg. Deadline: 4/16

### Ornamental Trees and Vines

- **Anne Arundel Co.**
  - Public Libraries
  - Field trip: Nat’l. Arb.
  - Mon. 6/10, Tues 6/11, Wed. 6/12
  - 10am-1pm
  - Steve Dubik, Montgomery Co. MG Coordinator
  - $45
  - Reg. Deadline: 6/3

### Ornamental Trees and Vines

- **4-H Center**
  - College Park
  - Wed. 6/12, 6/19, 6/26
  - 6-9pm EVENINGS
  - Wanda MacLachlan, UME Area Educator
  - $45
  - Reg. Deadline: 6/5

### Ornamental Trees and Vines

- **UME Washington Co.**
  - Field trip TBA
  - Thurs. 6/13, 6/20, 6/27
  - 9:30am-12:30pm
  - Wanda MacLachlan, UME Area Educator
  - $45
  - Reg. Deadline: 6/6

**Evergreen Trees and Shrubs:** We’ll discuss about 50 plants and see many of them in the field trip to the National Arboretum. So if you don’t know the difference between leyland cypress, arborvitae, and junipers, be sure to come to this class. Learn to recognize what you see in the landscape and how to grow and care for evergreens.

**Flowering Shrubs:** This class will cover approximately 45 flowering shrubs. We will go over identifying characteristics, distinguish between confusing look-alikes, and discuss cultural requirements and use in the landscape. Spring flowering shrubs are among our most beautiful and interesting landscape plants: itea, kerria, crapemyrtle, mahonia, spirea, viburnums and so much more. Join us!

**Ornamental Trees and Vines:** This class will cover approximately 45 ornamental trees and vines. We will go over identifying characteristics, distinguish between confusing look-alikes, and discuss cultural requirements and use in the landscape. We’ll be learning about serviceberries, hornbeam, hackberry, larch, magnolia, snowbell and more - plus vines.

**ASK A MG “PRACTICUM”**

**Carroll Co. Extension, Westminster**

**Tues. April 30, Mon. May 6, Tues. May 7**

**Instructors:**
- Dave Clement, Ph.D., Extension Specialist, Plant Pathology
- Mary Kay Malinoski- Extension Specialist, Entomology
- Steve Allgeier, Horticultural Consultant and MG Coordinator, Carroll Co.

**Registration Fee:** $45 (plus optional text); **Registration Deadline:** Apr. 23

We would all like to be able to better answer questions at our “Ask a Master Gardener” events. Some of us don’t even sign up to help out at these events because we feel like we don’t know enough. Now’s your chance to learn more, hone your diagnostic skills and feel comfortable with your abilities and with the public.

Optional Text: *Weeds of the Northeast* by Uva, Neal, & Detomaso ($25) (for day 3)
This course is a very important basic tool for Master Gardeners in that it teaches all of the basics needed to identify woody plants in the landscape. Being able to identify plants is the first step in knowing how to diagnose problems or give growing advice. Whether you want to learn 200 plants, 20 plants, or just want to learn techniques to identify plants in the field, this is the course for you. The course will be made up of approximately 9 hours of class work with lots of hands-on practice with dichotomous keys. You will also receive a specially prepared booklet of course materials. **This course will be offered in 3 different locations.**

Material to be covered will include the following:

- Morphology- the study of the structure of external plant organs (e.g. leaf shapes).
- Nomenclature- the systematic naming and classification of plants.
- Taxonomy- the general principles of classification.
- Keying- Using a dichotomous key to identify plants by specific characteristics.


**Certificate Information:** This course helps fulfill the requirements for both the MG Plant Diagnostics Certificate and the MG Woody Plants Certificate.

**This class is being offered in 3 locations.**

| Washington County | Th. 5/30, Tues. 6/4, Th. 6/6 | UME, Washington Co. Boonsboro | 9:30am-12:30pm | Instructor: Wanda MacLachlan |
| Howard County | Weds. 7/10, 7/17, 7/24 | UME, Howard Co. Ellicott City | 9:30am-12:30pm | Instructor: Wanda MacLachlan |
| Montgomery County | Mon. 7/22, Tues. 7/23, Wed. 7/24 | UME, Montgomery Co. Derwood | 10am-1pm | Instructor: Steve Dubik |

**ENTOMOLOGY - ECOLOGICAL IPM**

**Thursdays, June 6 and June 13, 2013, 9:30am-3:30pm**

**WYE REC, Queenstown, Queen Anne’s County**

Presenter: Mike Raupp, Ph.D., Professor and Extension Specialist, Entomology, University of Maryland

Reg. Fee: $49; Reg. Deadline: 5/30

Bugs are fascinating. Learn how to recognize them, how they work, and how to safely deal with them as you begin to better understand how they fit into the ecology of the garden. Join the University of Maryland’s “bug man”, Mike Raupp, as he teaches you the wonders of the bug world and Integrated Pest Management (IPM) as only he can do. We are planning some hands-on experiences, outdoor explorations and new learning tools.

In addition to some fascinating insect CSI, this year’s expanded 2-day course will include the fundamental concepts of population biology, community ecology, ecosystem functions and services as they relate to urban ecosystems and IPM. Some topics to be highlighted:

- Role of native plants.
- Planting to conserve diversity and attract pollinators and other beneficial insects.
- Managing water and soil resources for maximum benefit of insect populations and ecosystem function.
- Changing public perception of what constitutes a healthy attractive landscape.

This class will satisfy the Entomology requirement for the MG Plant Diagnostics certificate and will be of great help to those of you working at Ask a MG events.
PLANT DISEASES

Two Locations: Baltimore County Extension and Howard County Extension

Plant diseases often seem like exotic mysteries left up to the experts to solve. Well, guess what- we MG’s can now begin to unravel some of these mysteries ourselves. In this course you’ll learn all about the bacteria, fungi and viruses that cause plant problems. You’ll also learn about their symptoms, cycles and controls.

In addition to the lecture and handouts you will get hands-on training using samples. We hope that you’ll feel comfortable enough with the basics of plant diseases to be able to recognize problems in your own gardens and to use the information to competently help clients at plant clinics.

<table>
<thead>
<tr>
<th>UME Baltimore Co. (Cockeysville)</th>
<th>Tuesday, June 11 9:30am-3:30pm</th>
<th>$35</th>
<th>Reg. Deadline: 6/4</th>
<th>Dave Clement, Ph.D. Extension Specialist in Plant Pathology</th>
</tr>
</thead>
<tbody>
<tr>
<td>UME Howard Co. (Ellicott City)</td>
<td>Thursday, Sept 5 9:30am-3:30pm</td>
<td>$35</td>
<td>Reg. Deadline: 8/29</td>
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</table>

This class counts as your Plant Disease requirement for your Plant Diagnostics certificate.

VEGETABLES: INTENSIVE TECHNIQUES AND SMALL SPACE GARDENING

Tuesdays, June 18 and June 25, 2013, 9am-3:30pm
UME Frederick Co, Frederick, MD

Presenters: Jon Traunfeld, UME Specialist in Vegetables and Fruit
Kent Phillips, Howard Co. MG, Don Ludke, Frederick Co. MG, and David Muns, Frederick Co. MG

Reg. Fee: $49; Reg. Deadline: 6/11

Get more out of your vegetable gardens with less work and expense. Find out how to increase production per square foot using sustainable and cost-effective practices.

Learning for this class will be mostly hands-on and will take place out in a MG demo garden, a community garden and a large backyard garden. We’ll share, discuss and evaluate specific approaches, such as biointensive (John Jeavons) and square foot (Mel Bartholomew), and specific practices, such as interplanting, succession planting, vertical gardening, drip irrigation, and season extension. You will be asked to complete some pre-class online assignments so we can maximize our hands-on time in class.

This course will count as two of the units you will need to get this advanced certificate. (You will need a total of 5 units.)

VEGETABLE PANT AND PEST DIAGNOSTICS

Two Locations:
Howard County Conservancy - Tuesday, July 16
Charles Co. (Exact location TBA) - Thursday, July 18
9 am-3:30pm

Presenter: Jon Traunfeld, UME Specialist in Vegetables and Fruit
Reg. Fee: $35; Reg. Deadline: 7/9

Sharpen your plant diagnostic, pest identification and control strategy skills in the vegetable garden. We’ll take a close look at non-chemical controls and the effectiveness of available organic pesticides. We plan a collaborative, hands-on learning experience with troubleshooting in a vegetable garden, examination and diagnosis of samples, and effective prevention, monitoring, and control strategies. There will be some pre-class online assignments so we can maximize our hands-on learning time in class.

How come I’m not getting any squash this year? What’s killing my tomato vines? Are there any good organic controls for stink bugs? The gardening public looks to us for answers to thousands of food garden questions each year. Now we’ll be better able to answer.

This course will count as one of the units you will need to get the advanced vegetable gardening certificate.
<table>
<thead>
<tr>
<th>Course name</th>
<th>Location</th>
<th>Time</th>
<th>Presenter</th>
<th>Registration fee &amp; deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Hort: Evergreen Trees and Shrubs</td>
<td>St. Mary’s Co. Charlotte Hall Library</td>
<td>Th. 4/11, 4/18, 4/25 10am-1pm</td>
<td>Bob Stewart</td>
<td>$45 Reg. Deadline: 4/4</td>
</tr>
<tr>
<td>Landscape Hort. Flowering Shrubs</td>
<td>UME Harford Co., Forest Hill; Longwood Gardens</td>
<td>Tues. 4/23, 4/30, 5/7 9:30-12:30 (1/2 hr. earlier on 5/7)</td>
<td>Joyce Browning</td>
<td>$56 (includes fee for Longwood Gardens) Reg. Deadline 4/16</td>
</tr>
<tr>
<td>Ask a MG Practicum</td>
<td>UME Carroll Co. plus field trip locations Westminster</td>
<td>Tues. 4/30; Mon 5/6; Tues. 5/7 10am - 2pm</td>
<td>Dave Clement, Ph.D. Mary Kay Malinoski Steve Allgeier</td>
<td>$45 (optional book - $25) Reg. Deadline 4/23</td>
</tr>
<tr>
<td>MG ANNUAL TRAINING DAY</td>
<td>University of MD College Park</td>
<td>Tues. May 22, 2013 8:00 am-4:30pm.</td>
<td>Over 40 different presenters</td>
<td>$69; Registration opens about March 15</td>
</tr>
<tr>
<td>Landscape Design for Water Management</td>
<td>Soil Conservation Office Leonardtown, St. Mary’s</td>
<td>Wed 6/5, 6/12, 6/19 9:30am-3:30pm</td>
<td>Jack Leonard Jackie Takacs and others</td>
<td>$49 Reg. Deadline: 5/29</td>
</tr>
<tr>
<td>Entomology- Ecological IPM</td>
<td>WYE REC Queenstown, Q.A. Co.</td>
<td>Thurs. 6/6 &amp; 6/13 9:30am-3:30pm</td>
<td>Mike Raupp, Ph.D.</td>
<td>$49 Reg Deadline: 5/30</td>
</tr>
<tr>
<td>Plant Diseases</td>
<td>UME Baltimore Co. Cockeysville</td>
<td>Tues. 6/11 9:30am-3:30pm</td>
<td>Dave Clement, Ph.D.</td>
<td>$35 Reg. Deadline 6/4</td>
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<tr>
<td>Landscape Hort. Flowering Shrubs</td>
<td>4-H Center, College Park Prince George’s Co.</td>
<td>Wed. 6/12, 6/19, 6/26 6pm-9pm</td>
<td>Wanda MacLachlan</td>
<td>$45 Reg. Deadline 6/5</td>
</tr>
<tr>
<td>Vegetables: Intensive Techniques/Small Space Gardening</td>
<td>UME Frederick Co. Frederick</td>
<td>Tues. 6/18 &amp; 6/25 9am - 3:30pm</td>
<td>Jon Traunfeld Kent Phillips</td>
<td>$49 Reg Deadline 6/11</td>
</tr>
<tr>
<td>Plant ID/Taxonomy</td>
<td>UME Howard Co. Ellicott City</td>
<td>Wed. 7/10, 7/17, 7/24 9:30am - 12:30pm</td>
<td>Wanda MacLachlan</td>
<td>$35 (plus book) Reg. Deadline: 7/3</td>
</tr>
<tr>
<td>Vegetable Plant and Pest Diagnosis</td>
<td>Howard Co. Conservancy Woodstock</td>
<td>Tues. 7/16 9am-3:30pm</td>
<td>Jon Traunfeld</td>
<td>$35 Reg. Deadline 7/9</td>
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<tr>
<td>Vegetable Plant and Pest Diagnosis</td>
<td>Charles Co. (exact location TBA)</td>
<td>Th. 7/18 9am-3:30pm</td>
<td>Jon Traunfeld</td>
<td>$35 Reg. Deadline 7/9</td>
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<tr>
<td>Plant ID/Taxonomy</td>
<td>UME Montgomery Co. Derwood</td>
<td>Mon. 7/22, Tu. 7/23, Wed. 7/24; 10am-1pm</td>
<td>Steve Dubik</td>
<td>$35 (plus book) Reg. Deadline 7/15</td>
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<tr>
<td>Plant Diseases</td>
<td>UME Howard Co. Ellicott City</td>
<td>Th. 9/5 9:30am-3:30pm</td>
<td>Dave Clement, Ph.D.</td>
<td>$35 Reg. Deadline 8/29</td>
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**REGISTRATION FORM**

**State MG Advanced Training Classes**  
**Spring, Summer 2013**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Item</th>
<th>Cost</th>
<th>Check</th>
<th>Am’t Enclosed</th>
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<tbody>
<tr>
<td>Master Composter</td>
<td>Tuition- Frederick County (includes handbook) (March 13, 20)</td>
<td>$45</td>
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<td></td>
<td>Required Text: NRAES’ 50 page booklet <em>Composting to Reduce the Waste Stream</em></td>
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<td></td>
<td>Optional Texts:</td>
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<tr>
<td></td>
<td>• <em>Rodale Guide to Composting</em> by Grace Gershuny, Deborah L. Martin</td>
<td>$13</td>
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<td></td>
<td>(highly recommended)</td>
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<td></td>
<td>• <em>Worms Eat My Garbage</em> by Mary Appelhof ($12) (great, but optional)</td>
<td>$12</td>
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<tr>
<td>Landscape Horticulture</td>
<td>EVERGREEN TREES &amp; SHRUBS- St. Mary’s (4/11, 18, 25 trip)</td>
<td>$45</td>
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<td></td>
<td>FLOWERING SHRUBS- Harford (4/23, 4/30, 5/7 field trip)</td>
<td>$56</td>
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<td></td>
<td>(includes trip to Longwood Gardens (subtract $11 if a member)</td>
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<td></td>
<td>ORNAMENTAL TREES &amp; VINES - Annapolis (6/10, 11, 12 trip)</td>
<td>$45</td>
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<td>FLOWERING SHRUBS - College Park (6/12, 19, 26 field trip)</td>
<td>$45</td>
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<td></td>
<td>FLOWERING SHRUBS - Washington Co. (6/13, 20, 27 field trip)</td>
<td>$45</td>
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<tr>
<td>Landscape Management</td>
<td>Montgomery Co. 4/17, 4/24, 5/1</td>
<td>$49</td>
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<td></td>
<td>Queen Anne’s Co. 5/8, 5/15, 5/29</td>
<td>$49</td>
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<td></td>
<td>St. Mary’s Co. 6/5, 6/12, 6/19</td>
<td>$49</td>
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<tr>
<td>Ask A MG Practicum</td>
<td>Tuition - Carroll Co. 4/30, 5/6, 5/7</td>
<td>$45</td>
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<td>Optional Text: <em>Weeds of the Northeast</em> by Uva, Neal, &amp; Detomaso</td>
<td>$25</td>
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<tr>
<td>Plant ID/Taxonomy</td>
<td>Tuition;</td>
<td>$35</td>
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<td>Indicate site:</td>
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<td></td>
<td>• Washington Co. 5/30, 6/4, 6/6</td>
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<td>• Howard Co. 7/10, 7/17, 7/24</td>
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<td>• Mont. Co. 7/22, 7/23, 7/24</td>
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<td></td>
<td>Required Test: <em>A Field Guide to Trees &amp; Shrubs</em> (Peterson Field Guide)</td>
<td>$16</td>
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<td></td>
<td>by George A. Petrides</td>
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<tr>
<td>Entomology - Ecological IPM</td>
<td>Queen Anne’s Co. 6/6 &amp; 6/13</td>
<td>$49</td>
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<td>Plant Diseases</td>
<td>Indicate site:</td>
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<tr>
<td></td>
<td>• Baltimore Co. 6/11</td>
<td>$35</td>
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<td></td>
<td>• Howard Co. 9/5</td>
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<tr>
<td>Veggies: Intensive Techniques &amp; Sm Space</td>
<td>Frederick Co. 6/18 &amp; 6/25</td>
<td>$49</td>
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<td>Veggies: Plant and Pest Diagnostics:</td>
<td>Indicate site:</td>
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<td></td>
<td>• Howard Co. 7/16</td>
<td>$35</td>
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<td></td>
<td>• Charles Co. 7/18</td>
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**PAYMENT INFORMATION**

To Pay by Check:  
Make checks payable to the **University of Maryland**.

To Pay by Credit Card:  
- Master Card
- Visa
- Discover

Please fill in and return your application with check to: MG Classes, HGIC, 12005 Homewood Rd. Ellicott City, MD 21042.

To Pay by Credit Card:

- Your name on Credit Card:_________________________________________

- Card Number:_________________________________________ Exp.Date:______________

If paying with credit card, you can email this form to rmhessey@umd.edu; or you can mail form, or fax to HGIC, Attn: Robin Hessey at 410-531-5567