



UPCOMING SHOWS:

- Jan 15 April 3 "Barrio Train" Train Show
- April 16 May 30
 "Senses" Spring Floral

 Show
- June II Sept II "Fairy Gardens" Summer Floral Show

INSIDE THIS

Take a Piece of the 2
Train Show Home

Letter from the 3 FOD and Domes Directors

We Love Our 4 Long-term Members!

Green Sheet: 7
The Why and How of Rain Gardens

Inside the Domes

MITCHELL PARK HORTICULTURAL CONSERVATORY

Nature Ignores Design that Ignores Nature Interview with FOD Board Member Tom Mortensen, PLA, ASLA

Tom Mortensen is passionate about water. As a site planner and landscape architect for raSmith and Friends of the Domes board member, he encourages people to think about how we use and manage water. He digs deeper, drilling into our water ethic and our respect for water. This interview focuses on stormwater management and how water issues affect every aspect of life.

Tell Us the Background on Stormwater Management

In the 1950s-60s, best practices in engineering developed a system of channeling water from our tributaries and rivers into Lake Michigan. This led to the creation of concrete ditches and channels; we see them all around Milwaukee. Water was treated as a problem that should be eliminated.



Concrete channel to hold water. Fenced off, treating water as a problem, Mortensen calls these "stormwater jails."

Some of the projects, like the Milwaukee Metropolitan Sewerage District (MMSD) Deep Tunnel Project, have significantly decreased the amount of flooding, but heavy rains still cause sewer overflows in Milwaukee. This flooding flushes everything from pollutants from vehicles to road salt into the lakes and rivers. Combined sewer overflow can ultimately end up in our drinking water. We have been trained to make it go away but there is no away. Landscape architects, engineers, and agencies understand this, and best practices are shifting away from treating stormwater as a waste product and now consider and treat it as a

resource.

Tell Us About Green Infrastructure (GI) Strategies

Green Infrastructure strategies treat water as a resource rather than a problem. Good



Colectivo Coffee in Bay View captures rainwater in a decorative, whimsical water feature.

Continued on page 6

Spring Floral Show

Engage all of your senses with the Spring Floral Show. Running from April 16-May 30, this year's theme will help you to embrace the here and now. There will be traditional spring blooms such as hyacinths, geraniums, and lilies along with fragrant herbs that remind you of your favorite home -cooked meals. The gentle sounds, fresh scents, sun on your face, and colorful gardens will delight the senses leaving you relaxed.

senses, leaving you relaxed and centered.





'Blue Star' hyacinth, above; 'Dutch Lady Sheila' hydrangea below

Update From Milwaukee County

This spring, each dome will undergo a mesh inspection, which involves an analysis of the safety mesh system that was installed in 2016. The study will verify that the mesh is still intact and serving its purpose, which is to keep small chips of concrete from falling into the display areas. The work will also involve an inspection of the entire structure including the glazing system to ensure it is safe and secure for many years to come.

A Joint Message of Thanks

Happy New Year! Although 2022 had a bit of a bumpy start with the resurgence of Covid, we are pleased to announce that the Domes is now full steam ahead! Speaking of steam, we are hopeful that you have been able to enjoy this year's Train Show, "Barrio Train." The theme is in celebration of our beautiful neighborhood (barrio) and the deep roots of Milwaukee's Latinx communities. This year's colorful show represents the diversity, community and nature that is the Domes' home-turf.

We'd like to acknowledge all our community partners that helped ensure a special show: El Rey Family Market, Mitchell Street Library, Historic

Milwaukee, Walker's Point Center for the Arts, Escuela Verde & New Line Café. And thank you to all the many organizations in our barrio that work tirelessly to ensure our community is healthy and vibrant. The Domes and the Friends of the Domes are proud to be part of this vital work and are honored to work alongside those who believe in the power of connecting people through nature, art and education.

As we look to the rest of 2022, we are excited at what is coming. Whether it's storytime, events, workshops or fanciful themes, we are confident you will love the



Christa Beall Diefenbach (left) and Doris Maki

many surprises we have in store for you.

Because of our loyal members, the Domes continues to be a world-class conservatory that is accessible to all thanks to the scholarships that your contributions make possible.

Mil gracias y salud para todo!

Christa Beall Diefenbach Director, Friends of the Domes

Doris Maki Horticultural Services Director — The Domes

Save the Date June 16, 2022 Educational Symposium

Join Friends of the Domes for a half-day symposium and luncheon, which will provide a fascinating look at the history, present and future of equity and the Milwaukee County Parks. Watch your email for registration information.

We're Hiring!

The Domes Gift Shop is looking for a part-time weekend sales associate.

To apply, email the gift shop manager, Mary Philipp:

Maryphilipp.fod@milwaukeedomes.org.

Free Family Activities

Be sure to visit the Ed Center, and the new lineup of interactive activities (programming changes each



quarter)! The Ed Center is open Wed-Fri, IOAM-2PM and weekends, IIAM-2PM. Also, Storytime takes place each Wednesday at 2PM.





Take a Piece of the Train Show Home

The Train Show this year celebrates the neighborhood the Domes calls home. Bring the colorful, fun artwork home with a poster (right), now available in the Gifts Under Glass Gift Shop!

The gift shop is also carrying the work of two neighborhood artists. Textile artist Tania Espinoza Bonilla has created beautiful macrame plant holders. Ceramics artist Alejandra Gonzales hand paints each of her lively ceramic creations.

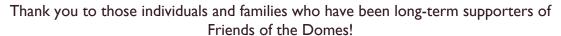
Their art is also on display in the Show Dome! Enjoy the Barrio Train Show and take a piece of it home with you (while supplies last).













35+ Years

Richard & Carol Bayerlein James Bonnett Karen Dabbert Pamela Knackert

Roger Krawiecki

Rose Mary & Francis Matusinec Barbara Schacht & Lillian Wiegel

25+ Years

Deanna Andre James Baumgartner Bonnie Beeck Ellen Blank Craig Bodoh & Mark Ranum Jerome & Bernice Brandl James & Judy Brandt Sandra Braun Stephen Burdick Lvnn Butenhoff Ronald & Rose Carpenter Cynthia Chovelak Kelly Clark & Kathryn Clark Marilyn De Both Mitzi Dearborn Katie & Kevin Delahunt

Douglas Drysdale
& Gisela Zelenka-Drysdale
Marcia Ferguson & Kent Veld

Marcia Ferguson & Kent Velde
Christine & Dick Fleissner
Susan Ford & Charlotte Wilhelm
Daniel & Kristen Fox
Margaret Gebhard
Marylou & John Gelfer
Luisa Ginnetti
William & Jodi Goell
Paul & Bonnie Gossens
Cheryl Graves & Lori Pipia
James Grunow & Maria Midgal
Margaret & Paul Gugg
Kathleen Hansen

Bonnie Hensel & Trisha Funke Patricia Ann Hessler Earl Hintz Jack Hopka Scott & Allison Joffe

Scott & Allison Joffe Kathleen Kaminski Helen Kenney Ann Kesting Timothy Klos

Randall Klumb & Sarah Ford

J Paul Knap Lori Kornblum & Avi Semon Kristie Kurtenbach Louise Lambert Carol Lers Scott & Susan Linton

John Machulak Barbara Mangold Catherine M. Markwiese Ron Martin

James Mayr Gregory & Susan Milleville 25+ Years (Continued)

William D O'Keefe
Michael & Elizabeth Prevetti
Tony & Juli Ricchio
Virgil Rokicki
James Roth & Judith Huf
Kathleen Ryan
Annie Salmona

Annie Salmona
Homer Sambar
Carolyn Schloemer
Joan Schumann
& Alex Szulczewski
Beth Shepard
Scott & Dulcie Shoener
Robert Sholl & Jill Wickham
Kim Sonnenberg
Catherine Starck
Jean Stern
Mary Ann Stueber

John Thomas Becky Thorpe Mark & Debbie Tiegs Virginia Topitzes Judy Van Till Margie Vehrenkamp

Linda & Donald Yorde Gertrude Zauner

10+ Years

Nora O'Connell Adams
Bonnie Aguilar
Cindy Alivo & Mark Van Ells
Sylvia Aranda
Pam & Mark Ariens
Geri Aurora & Joshua Eisner
Kathryn & Chester Barbasiewicz
Jitendra & Gita Baruah
Kris Bate
Kent & Barb Bavery
Mary Ann Beaumont
Rob Beisenstein & Teresa Wetze

Rob Beisenstein & Teresa Wetzel Roger & Susan Bemann Diane Bennett & William Joseph Jonathan & Elissa Berkoff Claire Berndt

Joan Bertoni John Bielinski & Megan Walsh Kathryn Bielinski & Jerome Dropik Chris & John Bitz

Ellen & Robert Bladorn Connie Blair & Alexis Camacho Mary Boie William Bowen

Christy & William Breihan
Michael & Judith Broderick
Bonnie & John Bruhn
James Buchanan & Maria Nogueron
Anthony Busalacchi

Anthony Busalacchi Thomas & Diane Callahan James & Judith Callan Tom Calvy

Frank Campenni & Afra Vance
Joseph Carlino & Roxanne Phelps

10+ Years (Continued)

Steve & Linda Carlson Michael Chovonec Terrence Christopherson & Christopher Thomas

Margaret Ciurlik
Margaret Clippert
Karen Connell
Janis & Don Crego
Patricia Crerar
Kenneth Cuatt & Mary Hart

Tom Cyganek Teresa Deacon Jim Deuster

Ann Deuster-Dougherty

& Jennifer Deuster-Hoesch

Julie Dewitt
Kathy Dorn
Pauline & Don Dorsan
Gloria Drenzek
Catherine Duffy
Diane Duscheck
Sheryl & John Egan
Collette Evans

Joann Eversdyk & Connie Arnold Gretchen Fairweather

& Priscilla Sharpless
Gerald Falk
Larry & Liz Fehring
David Fenner
Sandy Folaron
Doris Fons
Susan Fricker
David & Mary Gibeaut
Mike Gimler & Dawn Bembenek

Larry Graff
Chris & Lori Gramling
Debra Griesbach

Beverly & Robert Gross
Kraig & Dona Grow
Barbara & Michael Guolee
Paula Gutmanis

Jill Haas

Bill Halat
James Hardy & Diane Dei Rossi
Stephen & Janice Hauser

Cynthia Heck & Sandra Fifarek Michael & Carol Hecker Kim Heimsch William Heinzelman

Lisa Heisler & Troy Felsinger Shirley Helinski Megumi & Dietrich Hemann

David & Vicki Henning
Kathy Hermans
Monique Hewitt

Helga Hoffmann & Jeff Raddatz

Diane Holytz
David & Linda Hoover
James Horst & Michael Lasser
Ron Irwin & Laurie Kovacic
Dennis & Nancy Jaeger
Robin & James Janiszewski
Barbara Johnson

10+ Years (Continued)

Rachel Jones
Sharon & Scott Karstenson

Steve Kauth & Ruth Gutowski

Julia Kleppin Patrick Knapp

& Kristi Tolzman-Knapp Maryann Kniep Don & Mary Beth Koneval

Eric & Lucy Korbitz
Jeanne Krause
Gary Krawiecki
Kim & Ellen Krueger
Michael & Diane Kuchinsky

Dilia & Kevin Kuschel Sandy Laedtke Charlene Larsen

Victor Larson

Debra & Thomas Lathrop

Carolyn Lawrence

Dianne & Dimitri Lazo

Diane Lembck

Dale & Barbara Lenz Betty Lolkes

Sarah Diane Lubbs-Fairchild

Karen Luedke Beverly Mahloch

& Deborah Mahloch-Dempsey Mr. & Mrs. Gerald Mainman William Marcek

Mary Beth McCormack William McDonald Ray & Rhonda McKenna

Wyn Mecherly Teresa & Jason Metz Georgianna Michaski Carol Michels & Alan Holverson

Carol Michels & Alan Holversor

Bill Miller Jane Miller

Dorothy Molling & Joan Sliker Janice & Ronald Morrison Robert & Kathy Motl Lonnie Mueller & Mara Fox Joseph Musto & Christine Owen

Melinda Myers

& Nevada Myers Wesley

Dave Nelsen & Christine Capriolo

Lynne Nelson Mark & Joyce Nordbeck

John Ohm Mary O'l eary-Michalski

& Stephen Michalski Joelyn Olen

Ralph & Eugenie Olsen Mary & Jon Omernick Sara & Scott Pagliaroni Kathy Palmer & Mike Rehorst Ted Palmer

Ted Palmer
Donna Pasternak
Doug Payerl
Andrew & Beth Pesch
Rosemary Petroll
Susan Pfleger

10+ Years (Continued)

Mary Philipp
Christine Plichta
Marlene Povolo
Betty Price
Diane Prom
Marie Pronschinske
Daniel Rambo
Ann Rapport

Joline Robertson & Ken Hsieh

Claudette Robinson Mike & Sue Rudolf Holly Rudzik

Leslie Saeger & Jan Weiler

Lisa Schlenker Mary Scholl

James & Carol Schroeder

Gail Schumann

& Michael Switzenbaum

Donna Seda Susan Seeling Naomi Sehloff

Erick & Amy Shambarger John & Virginia Shebesta Betty & Erika Siemsen Heather & Steven Smart

Lois Socol Diane Spadanuda Rosa & Thomas Spellman

Jean & John Starr John Steinke

Linda & Richard Stevens
Kenneth & Katherine Stollenwerk

Alan & Lynn Stried

Carolyn Strueder Linda & Michael Sturdevant Greg & Elizabeth Suelzer

Sally Sullivan

Teri Sullivan & Sean Kiebzak

Gail & Michael Sweet
Barry Szymanski
Wendy Tarachow
Lloyd Ter Maat
Arhontisa Theoharis
Elizabeth & Brad Thiel
Judy Thielecke
Shirley & Nick Todor
Pam & Tim Tyson

Mary Kate & Mario David Uy

Thomas Uyehara Mary Van Lue Erika Voss Dale Wagner Sara Watts Louise Weare

Louise Weare
Jasonn & Laurel Weber
Beverly & Richard Weeden
Sue & John Wehnes
Mary Wieckowicz
Janice Wilberg

Mary Wieckowicz Janice Wilberg Margaret Wunsch Jacki Zandi Leo Zielinski

Susan Zimmer

MIAD-FOD Partnership Brings New Talent to the Domes

Friends of the Domes has been fortunate to partner with Milwaukee Institute of Art and Design (MIAD) for the past five years. Every junior at the school is required to take a four-credit social science course that includes 35 hours of service in the Milwaukee-metro area. Through this partnership, 23 students have chosen to volunteer with FOD, and we have put their unique skills to great use! MIAD students have staffed FOD special events and provided face painting at Art in the Green, created kids coloring sheets, and

developed instructional videos about how to create a photo collage. MIAD students have even helped staff field trips and decorated terra cotta pots that were sold in the gift shop. This school year, MIAD students focused on the Education Center with weekend staffing and creating the habitat hole games. We have a new MIAD volunteer starting this spring semester, Karina Hayes. If you see her at the Domes, be sure to say hello and to thank her for her volunteer time!

To learn more about the MIAD Service Learning Program, check out their blog:

https://blogs.miad.edu/service/about-service-learning-at-miad/

Download the MIAD-designed coloring sheets here:

https://milwaukeedomes.org/coloring-book



Artwork by MIAD Student Kaylee Bird



RETIREMENT PLANNING
INCOME FORECASTING
TAX PLANNING
ESTATE PLANNING



CHARITABLE GIVING
INHERITANCE PLANNING
INVESTMENT MANAGEMENT
BUSINESS PLANNING

12740 N River Rd. Mequon, WI 53092 | www.gentianfinancial.com

Securities offered through Raymond James Financial Services, Inc. Member FINRA/SIPC. Gentian Financial, Inc. is not a registered broker/dealer, and is independent of Raymond James Financial Services. Investment advisory services offered through Raymond James Financial Services Advisors. Inc. and Gentian Financial Inc.

Nature Ignores Design That Ignores Nature, Continued from Front Cover

design methods use rainwater, diffuse it, and/or slow it down so that it can infiltrate or be detained before surcharging the storm sewer system.

In residential areas, home owners can research the plants they add to their landscapes and use rain gardens. Directing water away from the house to a spot in the yard like a rain garden allows water to be absorbed, or slowed down, and stay out of the sewer system. A low, wet spot in the yard can be designed with the proper plant material that is adapted to the soils that are present, whether it is clay, sand, or silty loam.

On commercial projects, developers are now required to offset the impact of their sites' impervious areas (surface areas that do not absorb water like roofs and hard surfaces like parking lots) with GI strategies. This can include green spaces that detain and use the water, permeable pavers that store water in the subgrade, and even innovative design features like water features that use rainwater. Roadside green spaces like the bioswales implemented on Grange Avenue in Greendale capture sediment and pollutants before they enter our storm sewers and waterways.

To make these projects possible, MMSD offers incentives to developers who implement effective strategies through their Green Infrastructure Partnership Program (GIPP). For example, raSmith's team designed an extensive system of permeable pavers, basins, and bioswales to capture rainwater at the new Trinity Woods Residential and Senior Living Community at the Mount Mary University Campus. Because the potential impact is so large, this project received \$1.3M in construction cost reimbursement from the MMSD.





Bioswales added to Grange Avenue in Greendale filter road pollutants from water before the it flows into the Root River Watershed.



Interlocking permeable pavers store water under impervious surfaces and have been proven effective in our climate.

Experts like Tom are educating the public and making a significant impact on how we relate to, think of, and manage water. It is clear that more of us need to have this passion and ethic for water. We can respect our water with simple and proven strategies like turning the water off when brushing our teeth and using low-flow toilets, but it is much bigger than that. Be aware of how Wisconsin's industrialized factory mega-dairy farms impact our state's water quality. Consider changing your buying habits to support businesses that share your values and respect our waters. Let's ask bigger questions about water so that we can take action to protect and value this limited and essential resource.

Rain Garden Resources

Rain Gardens: A Guide for Homeowners and Landscapers A free, detailed guide created by the Wisconsin DNR	DNR.WI.Gov/topic/stormwater/documents/ RainGardenManual.pdf
Fresh Coast Guardians	https://www.freshcoastguardians.com/resources/green-strategies/ rain-gardens
UW Extension Rain Garden Plant List	https://fyi.extension.wisc.edu/sewraingardens/resources/how-tos-and-fact-sheets/rain-garden-plant-lists/

The Why and How of Rain Gardens

By Paula Zamiatowski
Park Naturalist Interpretive Outreach
A great strategy for managing your
yard's stormwater is to create a rain
garden. This article provides useful tips
to get you started.

A rain garden typically uses wildflowers and native plants to reduce flooding and erosion. It also improves ground water by filtering out polluted runoff (from ice salt, roofs, pesticides, and other sources). When designed properly, it can be a refuge for native animals and migratory insects and birds.

When creating a rain garden, not just any plant will do. It is important to choose plants that will grow well based on your yard's unique conditions. Before you get started, let's walk through the critical steps to ensure success.

Choosing the right spot

Rain gardens aren't recommended for all types of soils. As you consider the location, do this simple test. Following a heavy rainfall, dig a hole 6 inches deep and 6 inches in diameter, then fill it with water. Once it drains, refill the hole. Wait 24 hours to see if the water is gone. If the water does not drain in 24 hours, choose another spot.

Determine how many hours of sunlight and shade different parts of your yard receive each day. You can track the amount of sunlight and may want to create a map of your yard. This information will tell you whether to plant shade or suntolerant plants. The University of Wisconsin Extension website offers a detailed list of sun and shade tolerant plants perfect for Wisconsin rain gardens.

Before you touch a shovel

Give your neighbors a heads up that you will be creating a rain garden. Share photos of the plants you intend to plant and explain the benefits of a rain garden. They may not know what to expect when you

THE FRIENDS OF THE DOMES

Green Sheet

Spring 2022

mention you are adding a rain garden to your yard.

You will also need to contact Diggers Hotline (1-800-242-8511 or www.diggershotline.com) at least three business days before you dig. Their crew will mark where utility lines are buried. This free service will eliminate the dangerous and costly risk of hitting a utility line. You may also want to check with your cable and internet providers, as their lines are not always included in the Diggers Hotline map.

While you wait to hear if it is safe to dig, review your plan to redirect stormwater. You will want to consider water that comes from your sump pump, downspout, and any naturally low points in your yard.

Locate your rain garden at least 10 feet away from your home and foundation, but still close enough to make use of downspout and sump pump water. Rain gardens commonly range from 100-300 square feet with a kidney-bean shape. Do not plant above your sewer lateral line (that connects to the city sewer) or near a well or septic tank.

As you finalize your design, you may want to visit The Fresh Coast Guardians website to review other garden sizes and shapes.

Determine what to plant

Focus on native plants but feel free to incorporate a few of your favorite plants. You might even include a vegetable plant or two. You may also decide to mix up colors to add some visual interest. Designers usually chose up to seven varieties of plants.

Keep in mind that the purpose of a rain garden is to absorb stormwater. Plants suitable for rain gardens in Wisconsin are those that thrive in periods of short -term flooding (less than 2 days) and can tolerate periods of drought.

Prepare the site

Design the shape using stakes and string to mark off the area. Dig the soil 4-6 inches deep. Once you have your depression, add rocks and gravel to the area under the downspout and sump pump outlet to prevent erosion.

Time to Plant

Start with plants with well-developed roots, not seeds. Decide whether to use a weed barrier such as landscape fabric or newspaper. This will help with weed control at least for the first season or two. Now you will return the soil into the depression and space each plant one square foot apart. Place tall plants in the back of the garden and the low growers in the front.

Be sure to tag your plants so you know what is a plant and what is a weed. If your garden is sized correctly, stormwater should soak into the ground within 4 to 6 hours. If it doesn't, you may decide to change or add plants next season.

During the first year, water during dry times so plants are able to establish roots. With the right kind of plants and attention, your rain garden can help control stormwater and add beauty to your yard for many years.

See page 6 for additional resources.



Home Rain Garden; Credit: Field Outdoor Spaces



ADDRESS SERVICE REQUESTED

NON-PROFIT ORG. U.S POSTAGE PAID MILWAUKEE, WI PERMIT NO. 2305

524 S. Layton Blvd. Milwaukee, WI 53215

Phone: 414-257-5608

E-mail: fod@milwaukeedomes.org www.milwaukeedomes.org



Learn with Friends—Spring Adult Workshops and Family Programs

Visit www.milwaukeedomes.org for details and registration.

Adult Workshops	Date	Member Cost
Garden Bed Planning and Mapping (Virtual Program)	Available March 4	\$12 per person
Floral Design	Saturday, March 5	\$45 per person
Botany Walk—First Flowers of Spring	Friday, March II	\$7 per person
Spring Botany & History Walk	Friday, April 8	\$7 per person
Plant Illustrations	Saturday, April 16	\$12 per person
Native Habitat Restoration Walk	Friday, May 13	\$7 per person
Domes-inspired Cooking Class	Friday, May 20	\$97 per person
Domes-inspired Cooking Class	Wednesday, May 25	\$97 per person

Family Programs	Date	Member Cost
Let's Make a Story	Saturday, March 19	\$10 per child
Natural Dyes	Saturday, April 9	\$10 per child
Carnivorous Plants— An Appetite for Bugs	Saturday, May, 14	\$10 per child