

33 Years of Educational Programming

2022 SUMMER EDUCATION SERIES

Our accomplished group of presenters will include Darrel Morrison, Piet Oudolf, Veronica Tyson Strait, Gerould Wilhelm, Angela Kyle, and Larry Weaner. Some will present virtually on the artistic, social, and ecological considerations that can inform landscape design. Others will guide *In the Field* sessions to observe and analyze the real world results of various ecology-based landscape approaches. All will explore avenues for expanding the practice of landscape design.

Cosponsored by:

AMERICAN HORTICULTURAL SOCIETY

LADY BIRD JOHNSON WILDFLOWER CENTER

WILD ONES - NATIVE PLANTS, NATURAL LANDSCAPES

New Directions in the American Landscape

NDAL was founded in 1990 by landscape designer Larry Weaner. It has presented programs throughout the U.S. dedicated to the theoretical and practical incorporation of ecology, culture, and art into the field of landscape design.

In 2016, NDAL received the first Regional Impact Award from the Native Plant Trust (formerly the New England Wildflower Society).

REGISTER

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sessions below

June - August 2022

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As always nothing but
the best from NDAL.

- 2022 WINTER SERIES ATTENDEE

Photo by Larry Weaner

CEUs:

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Questions? Email info@ndal.org

“

You have made a great contribution
to the field through your conferences.

– LESLIE SAUER
FOUNDING PRINCIPAL (RETIRED)
ANDROPOGON ASSOCIATES
PHILADELPHIA, PA

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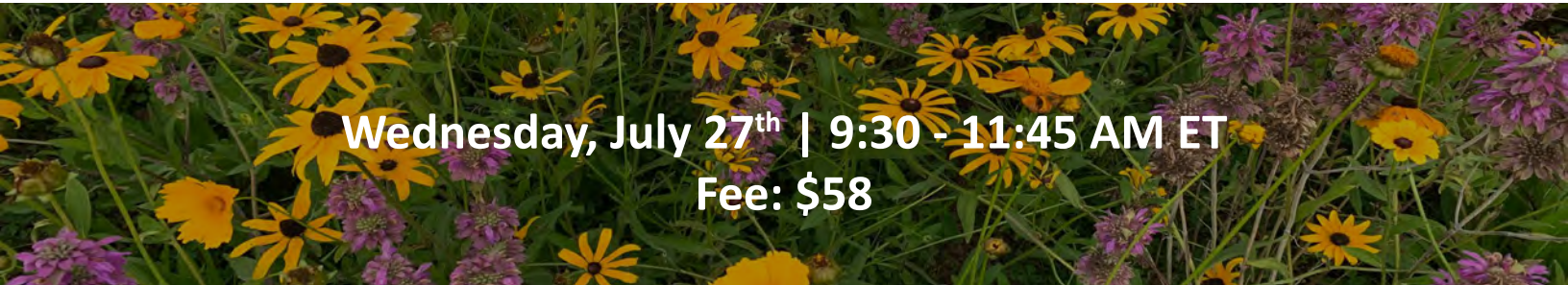
Individual Sessions (Virtual)

Registration open and recordings viewable to registrants for 3 months after each live session.

THE PERENNIAL GROUND LAYER: CONTEXT AND CREATIVITY

Piet Oudolf & Larry Weaner (2 hours)

Herbaceous perennials can do much more than simply add color. Thoughtfully orchestrated herbaceous compositions can define the experiential character of an entire landscape. In this session Larry and Piet will compare and contrast their respective approaches to site analysis, plant selection and arrangement, and management considerations through a commingled series of presentations and informal conversations. They will provide a behind the scenes, granular look at how they weave the creative with the practical to create mood-evoking yet viable perennial compositions.



Wednesday, July 27th | 9:30 - 11:45 AM ET
Fee: \$58

Presenter Bios:

Piet Oudolf has revolutionized the way perennial gardens are designed and viewed in landscapes today. Since 1982, he has lived and worked in Hummelo, in east Netherlands, where he started a perennial nursery with his wife Anja. Some of Piet's most influential works in the U.S. include the perennial plantings at Battery Park, The Highline perennial plantings, and Goldman Sachs headquarters. Piet has written a number of books including *Hummelo: A Journey Through a Plantsman's Life* (2015, written with Noel Kingsbury), and won numerous awards including the Association of Professional Landscape Designers 2010 Award of Distinction.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design Award.

Individual Sessions (Virtual)

TRADITIONAL INDIGENOUS KNOWLEDGE AND ECOLOGICAL SCIENCE: A RESTORATIVE PAIRING

Chelsey Geralda Armstrong & Alejandro Frid (2 hours)

Chelsey Geralda Armstrong

Chelsey will show how ecological and anthropogenic forces have long interacted in complex ways, forming many of the landscapes we observe today. A great example is the Indigenous Peoples forest gardens of the Pacific Northwest. Chelsey will illustrate how these historically-managed ecosystems – dominated by edible fruit, nut, and berry-producing trees and shrubs – have affected seemingly “natural” forest communities today. She will also show how descendant communities are seeking to re-integrate these ecosystems into their livelihoods.

Alejandro Frid

Alejandro will then widen the lens and look at how indigenous knowledge and ecological science can complement each other in ways that improve our understanding of past, present, and future ecosystems. He will illustrate how the pairing of these two knowledge systems can assist ecological restoration efforts, as well as help us avert the worst of our current, and very pressing, climate change and biodiversity crises.

Wednesday, July 6th | 2:30 - 4:45 PM ET

Fee: \$58

Presenter Bios:

***Chelsey Geralda Armstrong, PhD**, is a historical ecologist and archaeologist specializing in ancient human land-use and landscape archaeology. She is an assistant professor in Indigenous Studies at Simon Fraser University and director of the Historical and Ethnoecological Research Lab.*

***Alejandro Frid, PhD**, is an ecologist for First Nations of British Columbia's Central Coast, and an adjunct assistant professor in the School of Environmental Studies at the University of Victoria. He is the author of *A World for My Daughter: An Ecologist's Search for Optimism (2015)* and *Changing Tides: An Ecologist's Journey to Make Peace with the Anthropocene (2019)*.*

Individual Sessions (Virtual)

REINVENTING THE PICTURESQUE: NATURALISTIC TURF, MEADOWS, AND WOODLAND PONDS IN CEMETERIES

Joseph Charap, Thomas Rainer, & Jenna Webster (2 hours)

Institutional and historic landscapes often struggle with excess turf, and the environmentally damaging maintenance practices that accompany it. This is particularly true in cemeteries where grave markers must remain visible and accessible. Through case studies showing design and establishment of “rewilding” projects in Brooklyn’s Green-Wood Cemetery and Cambridge’s Mount Auburn Cemetery, our presenters will investigate how an increasing desire for ecologically immersive spaces can help invigorate cemetery and other institutional landscapes.

Friday, July 8th | 1:30 - 3:45 PM ET

Fee: \$58

Presenter Bios:

Joseph Charap is Green-Wood’s Director of Horticulture and Curator. At Green-Wood since 2015, Joseph is responsible for curating and developing the arboretum’s living collection, managing horticulture operations, and establishing research and programmatic initiatives in support of the collection and the natural heritage of the landscape. He graduated from the New York Botanical Garden School of Professional Horticulture and holds a master’s degree in English literature from Brooklyn College.

Thomas Rainer, RLA, ASLA, is a Principal with Phyto Studio and has led many of the firm’s public space, green infrastructure, and public garden projects. As a landscape architect, teacher, and author, Thomas is a recognized thought leader in ecological planting design. His work focuses on the artful translation of wild plant communities into designs that thrive in the urban contexts. He has taught at George Washington University since 2009. He is a frequent lecturer in the U.S. and Europe. His co-authored book, *Planting in a Post-Wild World* (2015), won the 2016 AHS Book of the Year.

Jenna Webster is a landscape designer and Senior Associate with Larry Weaner Landscape Associates (LWLA) where she works on master plans for residential properties and habitat restoration plans for parks, college campuses, and historic cemeteries. She also co-curates the *New Directions in the American Landscape* conference series and teaches at the Mt. Cuba Center certificate program in Hockessin, Delaware.

Individual Sessions (Virtual)

FLORISTIC QUALITY ASSESSMENT OF TERRESTRIAL LANDSCAPES

Gerould Wilhelm (1.25 hours)

In the evaluation of landscapes, a critical question is the contemporary ecological health of the vegetation it supports, and Floristic Quality Assessment offers an invaluable tool. It assigns a Coefficient of Conservatism (0-10) to each vascular plant in the flora of a state or portion of a state. The higher the number, the less historic human disturbance or alteration of historic environmental conditions that species can tolerate. In this session Gerould Wilhelm, the botanist who co-developed this now widely used system, explains how landscape practitioners can use it to better understand the landscapes they are working in, set conservation priorities, select species for restoration, and specify management protocols.



Tuesday, June 21st | 1:30 - 2:45 PM ET
Fee: \$38

Presenter Bio:

Gerould Wilhelm, PhD, is a foremost botanist, research taxonomist, and educator, and joined the staff of the Morton Arboretum, in Lisle, Illinois, in 1974. He was an owner of Conservation Design Forum, Inc., the pioneer company devoted to changing water doctrine in the United States. He co-authored, through years of collaboration with Floyd Swink and Ray Schulenberg, the definitive flora Plants of the Chicago Region (1994). He recently completed Flora of the Chicago Region, a Floristic and Ecological Synthesis (2017), with co-author Laura Rericha. Currently he is Director of Research for the Conservation Research Institute. He is also noted for his development of the Floristic Quality Assessment (FQA) methodology, which has become widely adapted for use in at least 35 states and provinces.

Individual Sessions (Virtual)

LANDSCAPE LESSONS LEARNED: THE EDUCATIONAL VALUE OF “MISTAKES”

Larry Weaner (1.25 hour)

An old horticultural adage, “You don’t really know a plant until you’ve killed it,” suggests that gardeners can learn as much from their mistakes as their successes. In 1982, when Larry founded his landscape design-build firm, little practical guidance was available for translating landscape ecology into designed environments. Consequently, the need to experiment was instrumental in developing some of the protocols that guide his practice today. But as is the way with experiments, not all yielded the expected result. In this session Larry will show how these wayward experiments led to more effective protocols. His presentation will help attendees to skip over the “experimental” and proceed directly to the “proven.” He will also illustrate how to insert small experiments into landscape projects, allowing the learning process to continue indefinitely.



Tuesday, July 19th | 2:30 - 3:45 PM ET
Fee: \$38

Presenter Bio:

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society’s Landscape Design Award.

Individual Sessions (Virtual)

INCLUSIVE PLACEMAKING: CREATING URBAN HABITATS AND SANCTUARY

Veronica Tyson Strait & Angela Kyle (2 hours)

Veronica Tyson-Strait

Randall's Island, located next to Manhattan, is well known as a home for numerous public institutions, and as a destination for sports and outdoor music events. That said, most New Yorkers are unaware that it is also home to many acres of wetlands, woodlands, meadows, and ornamental gardens that create beauty and sanctuary on a landscape that is surrounded on all sides by the bustle of New York City. In this presentation Veronica will show how native gardens were planted to enhance biodiversity and create greater access for the highly diverse surrounding community.

Angela Kyle

The act of shaping the built environment has historically been the domain of the few and the privileged. Angela Kyle will show examples from her work in New Orleans, Louisiana and Pensacola, Florida, using play and experiential learning to shape child-friendly environments, and invite young people and under-represented communities to the table. She will also illustrate how she has used personal history and narrative to engage Black residents in the restoration of cultural landscapes historically significant to the African-American community.

Thursday, July 21st | 1:30 - 3:45 PM ET

Fee: \$58

Presenter Bios:

***Veronica Tyson-Strait** is a landscape and garden designer, horticulturist, educator, and fine artist with a passion for ecological diversity and spaces that provide opportunities for reflection, wellness, and sustenance. She currently manages the horticulture staff at Randal's Island Park Alliance and oversees the restoration and upkeep of native plant meadows, a woodland landscape, ornamental gardens, and Greenstreet plantings. Veronica also teaches classes at the Brooklyn Botanic Garden and the New York Botanical Garden. She holds a Masters in Landscape Architecture and studied at the New York Botanical Gardens.*

***Angela Kyle, MBA, MSRED**, a native of the Gulf South, has worked in the urban design and planning arenas as an executive and a consultant for firms including Gehl, SCAPE, and SvN. As a social entrepreneur she co-founded PlayBuild, a placemaking non-profit in New Orleans focused on transforming vacant lots into playgrounds. In 2021 she founded Jennie's Legacy to promote the Black history of the iconic Pensacola waterway, Carpenter's Creek, and to advocate for the equitable restoration of this cultural landscape, which has been associated with her family since the early 1900s.*

Individual Sessions (Virtual)

CULTIVATING COMMUNITY THROUGH THE CREATION OF NOURISHING GARDENS

Chiara D'Amore (1.25 hours)

The mission of the Community Ecology Institute is to cultivate communities where people in nature thrive together. Based on a six and a half-acre urban farm in Maryland, the organization's newest program is called Nourishing Gardens, which transforms lawns into ecologically beneficial food growing gardens that support the multi-faceted health of our community members. The Nourishing Gardens program emphasizes the empowerment and resiliency of our community by teaching people how to grow their own food and increasing access to fresh food grown where people live, learn, work, and play. This presentation will describe the development and implementation of the Nourishing Gardens program including lessons learned, impacts in the program's first year, and goals for the future.



Wednesday, July 27th | 2:30 - 3:45 PM ET

Free

(CEUs not available)

Presenter Bio:

Chiara D'Amore, PhD, is the Founder and Executive Director of the Community Ecology Institute, a non-profit organization working to cultivate communities in which people and nature thrive together. She teaches courses related to climate change, civic ecology, experiential education, and research design. She worked as an environmental consultant for over 15 years serving clients such as the U.N. and U.S. Environmental Protection Agency. Chiara's work is focused on fostering environmental and social well-being by reconnecting people with the natural environment as well as designing, implementing, and evaluating environmental and educational programs.

In the Field Sessions (On-site)

All sessions will be held entirely outdoors, limited attendance
Sites will contain non-ADA accessible paths

UNIVERSITY OF WISCONSIN-MADISON ARBORETUM, MADISON, WI

Susan Carpenter, Michael Hansen, Darrel Morrison, & Larry Weaner (6 hours)

Our visit will begin at the Darrel Morrison-designed Native Plant Garden. This 4-acre planting provides a masterfully designed miniaturization of the prairie and savanna landscapes we will explore later in the day. These will include the 73-acre Curtis Prairie and the 47-acre Green Prairie, two of the most renowned achievements in the history of ecological restoration. There we will conduct an in-depth examination of how these stunning prairie landscapes were conceived, planted, and managed. We will also visit part of the Grady Savanna near Greene Prairie, where extensive restoration has been in progress over the past decade.

Thursday, August 11th | 9 - 4:30 PM CT

Fee: \$235

Presenter Bios:

Susan Carpenter is the Native Plant Garden curator and gardener at the University of Wisconsin–Madison Arboretum. She works with students and community volunteers to manage and monitor a 4-acre garden representing the plant communities of southern Wisconsin. She also leads a conservation project that involves students and the public in documenting and studying native bumble bees, including the endangered rusty-patched bumble bee, *Bombus affinis*. A graduate of Stanford University, Susan earned her MS in Botany and MS in Science Education at UW–Madison.

Michael Hansen is the Land Care Manager at the UW-Madison Arboretum where he oversees field work on 1700 acres, including invasive species management and the prescribed fire program. His career in conservation has spanned 20 years across several states and one Canadian province, with a primary focus on prairie and savanna ecology and restoration. He has a B.S. in Natural Resource Management from Ball State University and a M.S. in Plant Biology from Southern Illinois University-Carbondale.

Darrel Morrison, FASLA, is a long-time advocate of designing landscapes with Native Plant communities as inspiration, with a special interest in tallgrass prairies. He taught at the University of Wisconsin-Madison 1969-83, and at the University of Georgia 1983-2005. From 2005 until 2015, he lived and worked in the New York City area, and designed landscapes based on Native Plant communities at the New York Botanical Garden, Brooklyn Botanic Garden and Storm King Art Center. Darrel is the recipient of the Scott Medal and Award for 2021, presented by Swarthmore College for “outstanding national contributions to the science and art of gardening.” He currently lives in Madison, Wisconsin.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society’s Landscape Design Award.

NATIVE PLANT TRUST AT GARDEN IN THE WOODS, FRAMINGHAM, MA

David Falk, Ulrich Lorimer, Larry Weaner, & Jordan Wiseman (6 hours)

Long before pollinators, rain gardens, and sustainability were part of the landscape vernacular, Garden in the Woods featured native plants and advocated for their conservation. Today, Native Plant Trust expands on that important work by experimenting with, observing, and analyzing the underlying factors that affect the composition and trajectories of woodland vegetation.

Species adaptability, specialist habitats, soil biota, succession, light distribution, light manipulation, and the often-overlooked effects of historic human disturbance all have outsized effects. We will explore these factors in environments ranging from the “gardenesque” plantings of W. Gary Smith in the Curtis Woodland Garden, to the “wild” landscapes off the main trail, where the results of various management regimes can be compared.

Friday, July 22nd | 9 - 4:30 PM ET

Fee: \$235

Presenter Bios:

David Falk is a horticulturist at Garden in the Woods in Framingham, Massachusetts, where he has worked for seven years for the Native Plant Trust. He also works with the advocacy group Green & Open Somerville to pass a city ordinance requiring minimum percentages of native species in the city's plantings for various public projects.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design

Ulrich Lorimer is Director of Horticulture at Native Plant Trust's Garden In The Woods in Framingham, Massachusetts. Previously, he was curator of Brooklyn Botanic Garden's Native Flora Garden until early 2019. At BBG, Ulrich tended the historic Native Flora Garden and was instrumental in expanding it to include a coastal plain meadow and pine barrens habitat. In his ongoing efforts to collect seed from the wild and bring to the garden rare and unusual indigenous species, Ulrich worked closely with other botanists in the New York region to document and study the biodiversity of the area.

Jordan Wiseman is a horticulturist at Native Plant Trust in Framingham, Massachusetts. She previously worked at Mt. Cuba Center as Assistant Horticulturist, and was a Master Watershed Steward at Watershed Steward Academy.

DUKE FARMS, HILLSBOROUGH, NJ

Thom Almendinger & Larry Weaner (6 hours)

The most effective protocols for establishing native meadows are complex and still being developed. How do we uncover the most beneficial approaches for any given environment, scale, or project program? One good answer is experimentation, an endeavor which few clients are willing to finance. Fortunately, Duke Farms has spent the last few decades doing just that.

In this field session we take an in depth look at numerous plantings and trials, including comparisons of fall versus spring planting, no till drill vs. broadcast seeding, burning vs. mowing, planting into subsoil vs. topsoil, controlling weeds with and without herbicide, and using seed vs. live plants. We will also observe and compare two woodland areas with starkly different ratios of native and invasive species to determine the causation, and draw conclusions regarding the best protocols for forest management. Finally, we will observe and analyze the 15-acre Great Meadow, which exhibits the results of a research-based approach.

Wednesday, June 15th | 9 - 4:30 PM ET

Fee: \$235

Presenter Bios:

Thom Almendinger is an ecologist and the Director of Natural Resources & Agroecology for the Duke Farms Foundation. At Duke Farms, he has developed and continues to direct a large-scale landscape restoration program on the 2,740-acre property that includes a range of habitats. Thom serves on the Technical Advisory Boards for the Rutgers University EcoPreserve, NJ Invasive Species Strike Team, the Hutcheson Memorial Forest at Rutgers University and is past vice-president of the NJ Wildlife Society. Thom and his team have received numerous awards including; ANJEE Environmental Education Award, Sustainable Raritan Award, Land Ethics Award, NJDEP Environmental Stewardship Award and the US EPA Environmental Quality Award.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K., and has been profiled in numerous national publications. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design Award.

MANITOGA, GARRISON, NY

Ethan Dropkin, Ruth Parnall, Emily Phillips, & Larry Weaner (6 hours)

Modernist icon Russel Wright was a designer and artist who wanted nature to play a leading role in his beautiful Hudson Valley property. With evocative area names like The Spring Path, Dragon Rock, The Fern Meadow Path, and Mary's Meadow, Manitoga demonstrates that Wright wanted to share this place with people.

Using a light and unobtrusive touch, he brought his considerable artistic sensibilities to bear in order to make that happen. From Wright's house environs, to the adjacent quarry pool, to a network of paths that lead to multiple plant communities and habitat types, we will explore and interpret the landscape from the dual perspectives of ecology and art.

Thursday, July 7th | 9 - 4:30 PM ET

Fee: \$235

Presenter Bios:

Ethan Dropkin, MLA, landscape designer at Larry Weaner Landscape Associates (LWLA), has an extensive and in-depth understanding of native plants and their effective use in the designed landscape. He has been involved with numerous private gardens and public projects including Riverwalk Park in Tarrytown, NY, and a planting plan for Kingsland Wildflowers in Brooklyn, NY. Prior to joining LWLA, Ethan worked as a designer at Michael Van Valkenburgh Associates, as a horticultural designer and technician for Cornell University, and as a horticulturist for the New York City Parks Department.

Emily Phillips is the Landscape Collection and Conservation Manager at Manitoga, where she has worked for over a decade. Prior to this, she earned an MS at Columbia University's Landscape Design Program after a 30 year hiatus from her Botany and Ecology studies at Connecticut College and enjoyed a long career as a ceramist.

Ruth Parnall, Landscape Architect Emerita and botanist, has been the Curatorial Advisor in Russel Wright's landscape for over 20 years. Her design projects, articles and workshops focus on native plants, alternatives to lawn, ecology for designers, and habitat immersion for schoolyards. Retired from active design practice, her favorite project now is Pollinators.buzz - a curated habitat garden at her home in western MA.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K., and has been profiled in numerous national publications. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design Award.

CROW'S NEST NATURAL AREA PRESERVE & CROW'S NEST RESEARCH CENTER, STAFFORD, VA

Michael Lott, Sophie Lynn, Larry Weaner, & Jenna Webster (6 hours)

In this session we will study the plant communities of the Eastern Coastal Plain, the successional changes that affect them, and techniques for guiding those changes. At the Preserve we will observe succession in its mature stages by examining a Chestnut Oak Forest, Mesic Mixed Hardwood Forest, Floodplain Forest, Tidal Hardwood Swamp, and the region's most intact Freshwater Tidal Marsh.

The adjacent 132-acre site tells an entirely different story. Here, an upland forest was cleared for a development that was never built, leaving much of the land treeless and in an early successional stage with a mix of native and exotic species. The site is now home to the non-profit Crow's Nest Research Center, who enlisted Larry Weaner Landscape Associates to develop a stewardship plan to guide the emerging process of succession. We will observe the results of that plan's implementation as we traverse the panoramic native grasslands, wooded ravines, and coastal shrub thickets that exist there today.

Thursday, August 4th | 9 - 4:30 PM ET
Fee: \$235

Presenter Bios:

Michael Lott is the Regional Supervisor for the Northern Region of the Virginia Natural Heritage Program which he joined in 2012. He works to protect rare species, natural communities and monitor ecological resources at the preserves in the Northern Region, particularly those found at Crow's Nest Natural Area Preserve. Prior to moving to Virginia, Michael spent 8 years working on a variety of research projects in the Greater Everglades Ecosystem. He has a M.S. in Environmental Science from Florida Atlantic University.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design Award.

Sophie Lynn currently serves as executive director of the Crow's Nest Research Center, a non-profit organization located in Stafford, Virginia and dedicated to conservation, wetlands research, and environmental education. Her prior career pursuits included work with the National Trust for Historic Preservation, the Council of Institutional Investors, and the U.S. Foreign Service.

Jenna Webster is a landscape designer and Senior Associate with Larry Weaner Landscape Associates (LWLA) where she works on master plans for residential properties and habitat restoration plans for parks, college campuses, and historic cemeteries. She also co-curates the *New Directions in the American Landscape* conference series and teaches at the Mt. Cuba Center certificate program in Hockessin, Delaware.

THE BOWER: NATIVE GARDEN AND SCULPTURE PARK, SHERMANS DALE, PA

Bill Allis, Jane Allis, Ethan Dropkin, & Larry Weaner (6 hours)

“You want to do good stuff on multiple levels.” That quote by Bill Allis, co-founder with his wife Jane of The Bower, describes their vision perfectly. The quote’s simplicity does not describe, however, the level of planning, artistry, and craftsmanship that allowed this multifaceted, 36-acre, organic public garden to jell.

Philadelphia gallerist and art consultant Bridgette Mayer was enlisted to guide a Call to Art from 130 international applicants. Landscape Architects Oehme, Van Sweden (OvS) created a master plan, and Larry Weaner Landscape Associates (LWLA) designed various native plantings, and advised on stewardship of the wild areas. Bill and Jane served as project managers and guiding force. On our tour, instructors will describe how each area was designed, planted, and managed; how each space fits spatially and programmatically with the larger landscape; and how design, art, and ecology can even more creatively interact going forward.

Thursday, July 14th | 9 - 4:30 PM ET

Fee: \$235

Presenter Bios:

Bill Allis, PE, completed a lengthy career as an Environmental and Water Resources Engineer for international consulting firm Gannett Fleming in 2018. His career specialty was project and program management, design and construction management of large municipal drinking water infrastructure. Bill is currently co-leading development of The Bower and engaged in landscape scale conservation and enhancement as board member and Stewardship Committee Chair of the Central Pennsylvania Conservancy.

Ethan Dropkin, MLA, landscape designer at Larry Weaner Landscape Associates (LWLA), has an extensive and in-depth understanding of native plants and their effective use in the designed landscape. He has been involved with numerous private gardens and public projects. Prior to joining LWLA, Ethan worked as a designer at Michael Van Valkenburgh Associates, as a horticultural designer and technician for Cornell University, and as a horticulturist for the New York City Parks Department.

Jane Allis, M.Ed, completed a 40-year career as an early childhood educator and administrator in 2016. Career highlights included education program development and serving as Project Manager for the land acquisition, consultant selection, and design-build of The Londonderry School, one of the first LEED accredited school designs in Pennsylvania. Jane is currently co-leading development of The Bower, and serves as Chapter President of the Wild Ones of South-Central Pennsylvania.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society’s Landscape Design Award.

BRIDGESTONE FIRESTONE WILDLIFE MANAGEMENT AREA, SPARTA, TN

(In association with Tennessee Wildlife Resource Agency and University of Tennessee)

Cosponsored by Southeastern Grasslands Initiative

Dwayne Estes & Larry Weaner (6 hours)

In this field session we will have a rare opportunity to observe and compare - on a single site - planted and naturally occurring native landscapes varying in age and management regime. Examined landscapes will include “warm-season grass” meadows, cool-season grass pastures, restored pine-oak savanna, and dry/wet mixed hardwood woodlands.

Many of these landscapes contain high levels of native species diversity, including characteristic species of the Eastern Grassland. As a result of ecological and culture-based management procedures including selective timber harvests and prescribed fire, many of the species have rebounded naturally from the present seed/rootstock bank. At this site we will analyze the current plant communities, the natural and human activities that led to them, and how to translate that information into designed landscapes of various scales.

Tuesday, July 26th | 9 - 4:30 PM CT

Fee: \$235

Presenter Bios:

Dwayne Estes, PhD, is co-founder and executive director of the Southeastern Grasslands Initiative, a conservation organization affiliated with Austin Peay State University, which is dedicated to the protection and restoration of the Southeast’s native grasslands. In addition to his role as executive director of the Southeastern Grasslands Initiative, Dwayne is a Full Professor of Biology and Principal Investigator for the Center of Excellence for Field Biology at Austin Peay.

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society’s Landscape Design Award.

SHAW NATURE RESERVE, GRAY SUMMIT, MO (ST. LOUIS AREA)

Mike Saxton, Larry Weaner, & Scott Woodbury (6 hours)

Shaw Nature Reserve sits on the ecologically rich dividing line between the rolling prairies of northern Missouri and the Ozark Plateau. That, and the innovative work long-performed by Shaw's horticulturists and ecologists, make it an ideal place to study the intersection of ecology, horticulture, and design.

Our day will center around the 20-acre Whitmire Wildflower Garden which contains a 10-acre seeded prairie and a woodland garden where plants have been selected and arranged as designed plant communities. Elsewhere on the Reserve we will observe the results and practical application of vegetative experimentation, including the long-term overseeding of existing hay fields, comparison plantings installed with and without mycorrhizal fungi, and forest floor responses to light manipulations.

Monday, August 8th | 9 - 4:30 PM CT

Fee: \$235

Presenter Bios:

Mike Saxton is the Manager of Ecological Restoration and Land Stewardship and has been with Shaw Nature Reserve since 2016. Mike has a master of science degree in biological geography from Northern Illinois University and conducted his thesis research on herbaceous plant recovery and seed bank dynamics in oak savanna restorations. At the Nature Reserve, Mike manages prescribed fire, administers the ecological restoration volunteer program, and oversees invasive species control and native seed collection over SNR's 2,400 acres."

Larry Weaner, FAPLD, founded Larry Weaner Landscape Associates in 1982 and established NDAL in 1990. He is nationally recognized for combining expertise in horticulture, landscape design, and ecological restoration. His design and restoration work spans more than twenty U.S. states and the U.K. His book *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* (2016) received an American Horticultural Society Book Award in 2017, and in 2021 he received American Horticultural Society's Landscape Design Award.

Scott Woodbury is an ecology-driven horticulturist, and led the development of the Whitmire Wildflower Garden at Shaw Nature Reserve for 30 years. He has also worked at Tudor Place in Washington D.C., Old Westbury Gardens in New York, Longwood Gardens in Pennsylvania, and Castello Di Uzzano in Florence, Italy. Scott currently teaches and advises on native landscape practices for Native Plant School, Grow Native!, St. Louis Master Gardeners, St. Louis Community College, and Wild Ones St. Louis. He is a regular speaker, writer, and consultant on native landscaping throughout the region, and serves on the planning and review committees for the Partners for Native Landscaping conference.