

*33 Years of Educational Programming*

## 2022 WINTER VIRTUAL EDUCATION SERIES

And so we meet again...virtually! Join us for a deep dive into the fine points and subtle nuances of ecology-based landscape design, and the role culture and art can play in its evolution. Presenters will include **Thomas Woltz, W. Gary Smith, Wambui Ippolito, and Larry Weaner.**

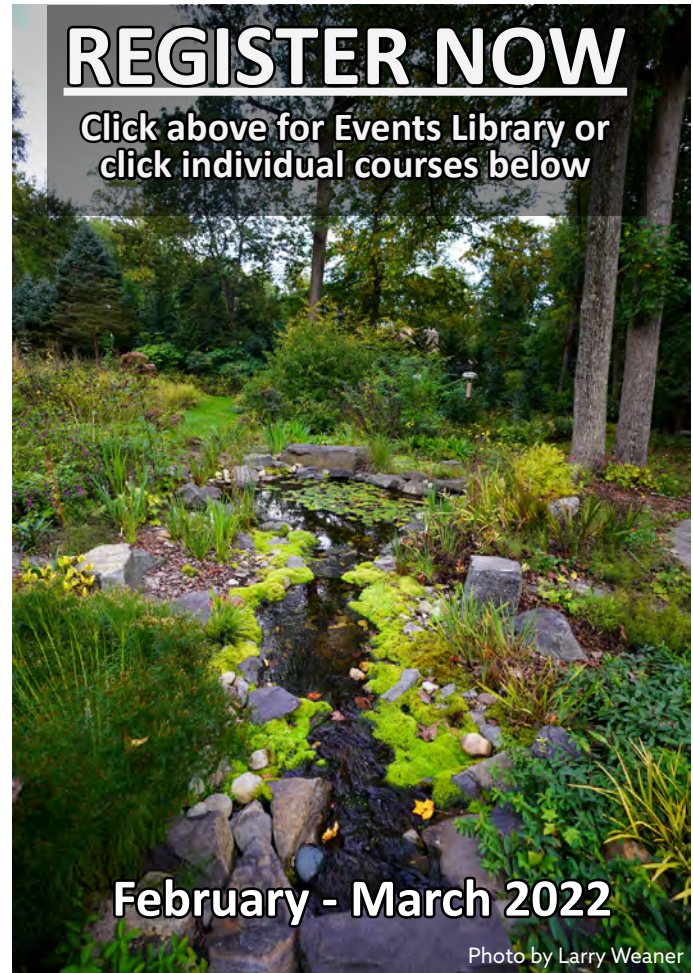
### Cosponsored by:

WILD ONES - NATIVE PLANTS, NATURAL LANDSCAPES  
AMERICAN HORTICULTURAL SOCIETY  
LADY BIRD JOHNSON WILDFLOWER CENTER

## 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).



CEUs:

APLD

ASLA/LACES

NOFA



Health, safety, and  
welfare approved

Live sessions will be recorded and viewable to registrants for 3 months.

Questions? Email [info@ndal.org](mailto:info@ndal.org)

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

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

# ***Ecology-Based Landscape Design: An Intensive 4-Session Course***

Larry Weaner, FAPLD & Ian Caton

## **Applicable to Eastern & Midwestern U.S.**

4 sessions (3 class hours each), 1 Office Hours session\* (1.5 hours)

All-Session Bundle: \$340 | Individual Sessions: \$95 each

\*Office Hours included for registrants of bundle *and* individual sessions

### **SESSION 1\***

PROFESSIONAL

## ***FOUNDATIONS OF ECOLOGY-BASED DESIGN: SCIENCE INTO PRACTICE***

Larry Weaner

**\*Recommended prerequisite for all intensive course sessions**

Our opening presentation will examine the vegetative patterns and ecological processes of spontaneous plant communities. Each characteristic will be followed by an example of its direct incorporation into a landscape project. Processes described will include disturbance, competition, vegetative pattern, ecological succession, and ecological stability. Ecological plant traits will include habitat fidelity, growth pattern, spatial and temporal niche, and proliferation strategies.

**Wednesday, February 16<sup>th</sup> | 1 - 4:30 PM EST**

### **SESSION 2**

PROFESSIONAL

## ***THE OPEN LANDSCAPE: MEADOWS, OLD FIELDS, & SHRUBLANDS***

Larry Weaner

Wildflower meadows and native grasslands are in high demand, but effective protocols for successfully achieving them are in short supply. Here we will delve into the nitty gritty of meadow design: site analysis, species selection, seed mix formulation, live plant inclusion, planting and management. The inclusion of shrub thickets and drifts will also be covered, including the arrangement of clonal vs. clump forming species, and the use of shrublands as ecological and visual “connective tissue” between meadow and woods.

**Monday, March 7<sup>th</sup> | 1 - 4:30 PM EST**

# ***Ecology-Based Landscape Design*** *continued*

Larry Weaner, FAPLD & Ian Caton

## **SESSION 3**

**PROFESSIONAL**

### ***THE CANOPIED LANDSCAPE: WOODLANDS, EDGES, & HEDGEROWS***

Larry Weaner

An ecology-based approach to woodland design is more like guiding a vegetative process than implementing a static planting plan. Guided succession can foster the orderly transformation from an open field to a multi-tiered forest through planting, managed natural recruitment, or a combination of the two. Under existing canopy, where few herbaceous species can be established through direct seeding, we will discuss the planting of small “seed source colonies,” and management strategies to encourage their proliferation into the larger landscape. Management techniques that are unique to woodlands including selective height cutting, sunlight manipulation, and assisted seed dispersal, will also be described in detail.

**Monday, March 14<sup>th</sup> | 1 - 4:30 PM EST**

## **SESSION 4**

**PROFESSIONAL**

### ***THE PLANTS: MEADOWS, SHRUBLANDS, & WOODLANDS***

Ian Caton & Larry Weaner

In this session, native plant authority Ian Caton will examine examples of individual native species that exemplify the ecological characteristics described in the previous three sessions. He will also present a group of “workhorse” native species that combine reliability and weed suppression with attractive aesthetic character. Larry will conclude by describing some of the communication techniques and artistic flourishes that can help clients embrace a “wilder” landscape experience.

**Monday, March 21<sup>st</sup> | 1 - 4:30 PM EST**

## **INCLUDED**

**PROFESSIONAL**

### ***OFFICE HOURS***

Larry Weaner & Ian Caton

This “conversation-style” session will be entirely devoted to questions and comments from participants. The three month gap separating this and the previous session will allow participants to apply course content to actual projects, returning to ask questions and discuss their experiences with presenters and fellow participants.

**Wednesday, June 1<sup>st</sup> | 1 - 2:30 PM EST**

# ***Ecology-Based Landscape Design*** continued

Larry Weaner, FAPLD & Ian Caton

PROFESSIONAL

*Attendees will receive login-protected access to an extensive course manual including an ecology-based plant characteristics chart, equipment recommendations, wildlife habitat enhancement strategies, diagrams for planting and maintenance procedures, and more.*



## COMING IN SUMMER 2022

### ***IN THE FIELD: INTENSIVE COURSE FOLLOW-UP SESSIONS***

A series of in-person field days to be held in multiple ecoregions of the eastern and upper midwestern U.S. During these outdoor sessions, participants will examine how they can apply the intensive course content to real-world landscape sites.

### **Registration opens in spring 2022**

**Limited attendance with Intensive Course attendees prioritized.**

## **2022 Regional Field Session Locations & Dates**

- June 15 | **Hillsborough, NJ** | Duke Farms
- July 7 | **Garrison, NY** | Manitoga
- July 14 | **Shermans Dale, PA** | The Bower
- July 22 | **Framingham, MA** | Native Plant Trust
- July 26 | **Sparta, TN** | Bridgestone Firestone Wildlife Management Area
- August 4 | **Stafford, VA** | Crow's Nest Research Center & Crow's Nest Natural Area Preserve
- August 8 | **Gray Summit, MO** | Shaw Nature Reserve
- August 11 | **Madison, WI** | University of Wisconsin-Madison Arboretum

# Prairie-side Chat

1.5 class hrs | \$45

PROFESSIONAL &  
NON-PROFESSIONAL

## **THOMAS WOLTZ: CRAFT, CONSERVATION, & CATTLE**

Interviewed by Larry Weaner

Frequently, the side tangents that presenters don't have time to explore are as enlightening as their core material. In this session, landscape designer Larry Weaner will conduct an informal interview, conversation, and "note comparing" session with landscape architect Thomas Woltz. Given his education in the fields of architecture, landscape architecture, fine arts, and architectural history, it is not surprising that Thomas takes a broad approach to designing landscapes. Throw in a love of "working lands" and "wild places" derived from growing up on a North Carolina farm and you have an individual who defines landscape architecture much more expansively than most. In this session we will explore the many paths that intersect at Nelson Byrd Woltz, a firm that received 11 ASLA awards in 2020 alone.

Wednesday, March 9<sup>th</sup> | 1 - 2:30 PM EDT

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**It felt like I was at my dream dinner table hearing the conversation, fantastic!**

– ASHLEY R., 2021 ANNUAL SYMPOSIUM ATTENDEE



# Individual Sessions

3 class hrs | \$88 each

## *DYNAMIC SPECIFICATIONS FOR DYNAMIC NATIVE LANDSCAPES*

Rebecca Kagle, associate ASLA,  
Andrew Korzon, PLA, & Tara Mitchell

PROFESSIONAL

Many ecology-based field techniques run counter to traditional practices and are unfamiliar even to experienced contractors. Consequently, highly precise specifications are crucial. Our presenters will cover the design and documentation of field procedures unique to ecological design such as phased planting, meadow and grassland establishment, specialized equipment, invasive weed control, slope stabilization (including seeding with compost blankets), and managing vegetative change over time. They will also discuss organizational formats that balance the need for both detail and usability, and how to customize specifications for both public and private projects.

Friday, February 11<sup>th</sup> | 1 - 4:30 PM EST

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**I enjoy all of the presentations very much. I am always looking for more science in my understanding of our profession. This series always delivers.**

- PATRICIA M., 2021 ANNUAL SYMPOSIUM ATTENDEE



# Individual Sessions

3 class hrs | \$88 each

PROFESSIONAL

## ***ART, MUSIC, & EPHEMERALITY IN THE DESIGNED LANDSCAPE*** W. Gary Smith, FASLA & Larry Weaner, FAPLD

While Gary Smith has been a major player in the ecological design movement for much of its existence, he now devotes his primary design energies to ephemeral environmental art. He will discuss this work, how it can influence design practice, and how its immediacy can reflect natural processes of change in the landscape. Landscape designer and music composer Larry Weaner will then discuss the commonalities between garden design and music composition, two arts that are experienced sequentially over time. He will also illustrate how improvisation and response to spontaneous events - techniques common to contemporary classical music and jazz - can have particular relevance in “wild” garden settings.

Tuesday, March 22<sup>nd</sup> | 1 - 4:30 PM EST

PROFESSIONAL

## ***CONNECTING CLIENTS TO LANDSCAPE THROUGH PHOTOGRAPHY*** Rob Cardillo & Mark Weaner

Like people, gardens express changing moods and personalities. Visit them at the right time and they'll be filled with romance, whimsy, or mystery. Visit on the wrong day and you might face a boring afternoon that taxes your creative soul. Master garden photographer Rob Cardillo will illustrate how we can best predict and find these fleeting moments. Mark Weaner is an iconoclastic photographer with a unique vision and set of techniques. He will continue the session by illustrating how images can go beyond literal depiction and connect clients to their feelings about a place, bring attention to previously unnoticed aspects, or even help them see the “familiar” in a new light.

**Please note:** Rob's presentation & the session's Q&A will be live only, not recorded.

Thursday, March 24<sup>th</sup> | 1 - 4:30 PM EST



# Individual Sessions

1.5 class hrs | \$48 each

PROFESSIONAL

## ***SHRUBLANDS: THE MISSING LANDSCAPE LINK***

Ethan Dropkin, MLA

Along with meadows and woods, shrubs in the form of contiguous mass plantings should be included in any landscape that seeks to optimize wildlife habitat. In addition, shrublands and thickets are among the most effective solutions for steep slopes, weed prone landscapes, stormwater catchment basins, and transitional areas that connect field and forest. In this presentation native plant expert Ethan Dropkin will discuss the nuances of designing, planting, and managing shrublands, including the differing protocols specific to establishing clump forming shrubs versus those that proliferate by clonal expansion.

Thursday, February 24<sup>th</sup> | 1 - 2:30 PM EST

PROFESSIONAL

## ***LANDSCAPE COMMONALITIES: PEOPLE & PLANTS OF THE WORLD***

Wambui Ippolito

Viewing landscapes and plants through the lenses of different cultures will help designers create panoramas that speak to users from diverse backgrounds. This approach can result not only in landscapes that are visually pleasing and functional for visitors and stakeholders, but also in spaces where nature is no longer alien. Blending ecology and culture to create landscapes where both people and plants are considered is the new frontier for landscape designers.

Tuesday, March 29<sup>th</sup> | 1 - 2:30 PM EST

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Everyone presenting is dedicated to and well versed in their field and was more than happy to offer information. Lovely to see!

– MERRILYN S., 2021 ANNUAL SYMPOSIUM ATTENDEE





# Individual Sessions

1.25 class hrs | \$25 each

NON-PROFESSIONAL

## ***NATIVE MEADOWS: LET'S GET REAL***

Larry Weaner, FAPLD

Wildflower meadows were introduced in the 1960's along with tie dye tee shirts and kaleidoscopic acid trips. But like those acid trips, the colors didn't last. Alternatively, by planting site-adapted and highly competitive native perennials, managed according to the ecological processes that govern native meadow vegetation in the wild, long-lived vibrant meadows can be consistently achieved. In this presentation plant selection criteria, planting procedures, and management techniques will be illustrated through a series of residential case studies, including some over two decades old.

Tuesday, February 15<sup>th</sup> | 7 - 8:15 PM EST

NON-PROFESSIONAL

## ***CLOSE ENCOUNTERS WITH NATURE: NATIVE DESIGN IN THE RESIDENTIAL LANDSCAPE***

Larry Weaner, FAPLD

Few home landscapes can provide the stunning vistas of a Yosemite National Park, a vast midwestern prairie, or an ancient Appalachian mountain range. Your home landscape can, however, provide a far more intimate and interactive natural experience than a visit to those landscapes. In this session Larry will interweave a series of practical, ecologically-interactive landscape techniques, with the rich experiential rewards that applying those techniques can engender.

Wednesday, March 16<sup>th</sup> | 7 - 8:15 PM EST



Photo by Larry Weaner

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**Best quality of any program  
I've been to in a long time.**

– 2021 ANNUAL SYMPOSIUM ATTENDEE

# Individual Session

2 class hrs | \$60

## ***CREATING LANDSCAPES FOR BIRD DIVERSITY: BEYOND FEEDERS & FOUNTAINS***

Claudia Thompson

PROFESSIONAL &  
NON-PROFESSIONAL

For more than two decades, Claudia has been transforming her small urban garden into a landscape rich with native plants that, in turn, supports a growing abundance of birds (80+ species), insects, and flora-fauna relationship. This session takes a comprehensive look at how to create landscapes that address our biodiversity crisis, especially rapidly declining native bird populations. Claudia will consider multiple approaches to habitat creation, the value of canopy layers, and the structure of the landscape itself. She will also evaluate our interactions with birds. What are the pros and cons of feeding them directly? Do nest boxes really help our native songbirds to breed? And what impacts of human activity can be mitigated through a better understanding of bird life cycles, migratory patterns, and behaviors?

Thursday, February 17<sup>th</sup> | 1 - 3:00 PM EST

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**Kudos on topics & speakers that are coming together to make as much energy jump out of a computer screen as is humanly possible! Once again, NDAL does not disappoint!**

- SARAH M., 2021 ANNUAL SYMPOSIUM ATTENDEE

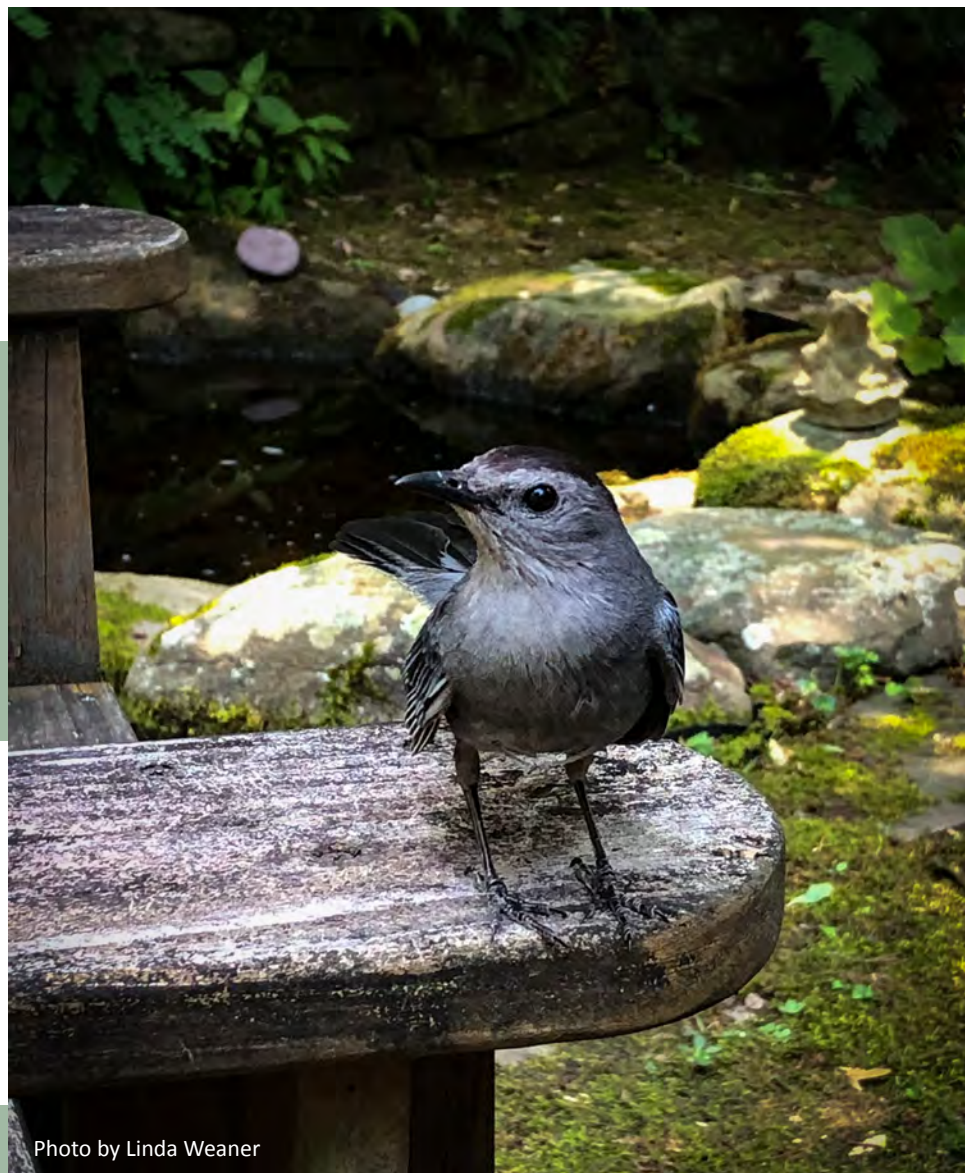


Photo by Linda Weaner

# PRESENTER BIOGRAPHIES



Photo by Sarah Amaden

**Rob Cardillo** has been photographing gardens, plants and the people who love them for nearly thirty years. He's been credited as the primary photographer in over twenty-five books published by Timber Press including: *The Art of Gardening at Chanticleer* (2015, by R.W. Thomas), and *Layered Garden* (2012, by David Culp); and is published in *Country Gardens*, *Gardens Illustrated* and *The New York Times*. Winner of numerous photography awards, Rob was inducted into the GardenComm Hall of Fame in 2015.

**Ian Caton** worked for Larry Weaner Landscape Associates from 2001 to 2013, and now serves as a project consultant for the firm. His knowledge of native plants and their characteristics is encyclopedic. He is also the founding principal of Wood Thrush Native Nursery in Floyd, VA. Ian has designed and installed landscapes for a wide range of residential, commercial, and public settings. Prior speaking engagements include the Irvine Native Plant Symposium and events at the New York Botanical Garden and Bowman's Hill Wildflower Preserve.



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I've followed you for many years. Happy and grateful for moving the needle and sharing so much.

– 2019 WORKSHOP ATTENDEE

# PRESENTER BIOGRAPHIES continued



**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.

**Wambui Ippolito** brings a wealth of design and business managerial skills to Jane Gil Design. She graduated from the New York Botanical Garden's School of Professional Horticulture. She has worked at Martha Stewart's home in Bedford, New York, and at David Letterman's estate and manages a roster of private clients, including business, media, music, and sports moguls. She is the daughter of diplomat parents and traveled extensively, living and gaining her education in different locales around the world.



**Rebecca Kagle, associate ASLA**, joined Larry Weaner Landscape Associates (LWLA) in 2008. Prior to joining LWLA, Rebecca worked for Wave Hill and Prospect Park in New York City and the Lakeshore Nature Preserve at the University of Wisconsin-Madison. At LWLA she has been involved with master plans for residential and public projects including the creation of plant and seed specifications for trail projects in Philadelphia's Wissahickon Valley Park. Rebecca has received both the PA/DE ASLA Travel Award and an ASLA Merit award for her design work.

*Darrel Morrison and Nancy Aten  
designing to music at  
2014 NDAL Symposium*



# PRESENTER BIOGRAPHIES continued



**Andrew Korzon, PLA**, joined Larry Weaner Landscape Associates (LWLA) in 2017 and serves as installation project manager, overseeing implementation of LWLA designs and managing long-term maintenance for residential, commercial, and institutional clients. Prior to joining LWLA, he served as a project manager for LandStudies, Inc. in Lititz, PA, a highly influential design/build restoration ecology firm that specializes in stream corridor restoration.

**Tara Mitchell** has been a landscape architect for the Massachusetts Department of Transportation's Highway Division for over 20 years. Her work includes ecology-based plant designs for a variety of roadside projects, designing MassDOT native seed mixes, writing contract specifications and plant related guidance, and reviewing consultant design submittals. She also oversees planting and invasive plant management on construction projects and assists the Maintenance Department with vegetation management.



**W. Gary Smith, FASLA**, specializes in the design and planning of botanical gardens. His work weaves together ecological and cultural themes, more recently involving environmental art. His projects include the Santa Fe Botanical Garden, the Luci and Ian Family Garden at the Lady Bird Johnson Wildflower Center, the Southern Highlands Reserve in North Carolina, and Peirce's Woods at Longwood Gardens.

Photo by Anita McKernan

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It was truly inspiring. I've been interested in a more ecologically sustainable yard/garden and I am thrilled to have found professionals and resources to help me accomplish this.

- BONNIE W., 2020 SUMMER SERIES ATTENDEE

# PRESENTER BIOGRAPHIES continued



**Claudia Thompson** is a landscape ecologist, author, and skilled photographer who has focused her career on building public engagement in environmental issues. Her passion for native plant landscapes was inspired over the past three decades as she transformed her urban Cambridge garden into a meaningful habitat built on ecological systems. In 2010, she founded Grow Native Massachusetts, dedicating 10 years to building this organization's well-respected programs.

**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 (AHS) Book Award in 2017. In 2021 he received the AHS Landscape Design Award and the APLD Award of Distinction.



Photo by Kim Sokoloff



Photo by Larry Weaner Landscape Associates

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The expertise, skill in presenting, additional resources and the sheer joy from all of the presenters has been inspiring and immensely helpful.

– MICHELLE S., 2021 WINTER SERIES ATTENDEE

# PRESENTER BIOGRAPHIES continued



**Mark Weaner** is Lead Technician and Project Manager at Photolab in Berkeley, California. He founded, owned, and managed Bay Custom Lab in San Francisco, CA from 1982 to 1992, allowing him to experience the service, employee, and retail environment. Mark feels that these elements together have provided him with a panoramic perspective and understanding of how the photographer can approach - and how the viewer relates to - the still image. He attended San Francisco Art Institute in 1977 and Tyler School of Art - Temple University in 1981.

**Thomas Woltz, FASLA**, has forged a body of work over the past two decades as a landscape architect that integrates the beauty and function of built forms with an understanding of complex biological systems and restoration ecology. As principal of Nelson Byrd Woltz Landscape Architects, Woltz has been recognized with the Land for People Award by the Trust for Public Land in 2019 and as one of the most creative people in business by Fast Company in 2017. Woltz currently serves on the Boards of Directors of the Cultural Landscape Foundation and the University of Virginia School of Architecture Foundation.



Questions? Email [info@ndal.org](mailto:info@ndal.org)

Or call NDAL Executive Director  
Sara Weaner at **510-518-0430**

**REGISTER HERE**