

34TH ANNUAL PINELANDS SHORT COURSE

21 **NEW**
Programs!

SATURDAY, MARCH 11, 2023
9 a.m. – 3:45 p.m.
Hosted by Stockton University

A daylong event featuring educational presentations that explore the unique history, ecology, and culture of the Pinelands. Educators can earn 5 professional development credits



STOCKTON
UNIVERSITY
CONTINUING STUDIES
& ADULT EDUCATION
Educating People for Life!

Photo courtesy of Joel Mott.

QUESTIONS REGARDING REGISTRATION?

Call 609.652.4227

QUESTIONS REGARDING CONTENT?

Call NJ Pinelands Commission
at 609.894.7300, ext. 125

Register online:
stockton.gosignmeup.com

To register by mail:

SEND THE FORM BELOW WITH PAYMENT TO:

Stockton University | Continuing Studies
3430 Atlantic Avenue
Atlantic City, NJ 08401

**YOUR ITINERARY WILL BE SENT TO
THE EMAIL ADDRESS YOU PROVIDE.**

Workshops will be assigned on a
first-come, first-served basis.

**Bring your own lunch or purchase Pinelands
inspired food at our food court.
Dunkin Donuts will be open.**

**FINAL REGISTRATION DEADLINE
MARCH 7, 2023**

Cancellation Policy: NO REFUNDS

CHECK-IN STARTS AT 7:45 A.M.			
9:00 - 10:15	10:30 - 11:45	1:00 - 2:15	2:30 - 3:45
Amphibians	Life with Moths	Amphibians	Life with Moths
Snakes of the Pine Barrens	Snakes of the Pine Barrens	Winter 2022-2023	Winter 2022-2023
Community Science Projects	Community Science Projects	No Wild Rivers	No Wild Rivers
Turtles of the Pinelands	Vultures in New Jersey	Raptors in the Pines	Raptors in the Pines
Climate Ready Communities	Gateway to the Pines: Wells Mills	Gateway to the Pines: Wells Mills	
Double Trouble Village	Double Trouble Village		
	Where The Pinelands Meet the Bay	Where The Pinelands Meet the Bay	
Iron, Glass, and Water	Iron, Glass, and Water	Pinelands Roadsides – Native and Invasive Species	
	Microclimates and Microfauna	The Pinelands: A Natural History of Colors	
Whitesbog Book	Orchids of the Pinelands	Orchids of the Pinelands	Whitesbog Book
Four Seasons at Forsythe	The Still Family Story	The Still Family Story	Four Seasons at Forsythe
The Batona Trail	Lichens	The Batona Trail	
		Valerie Vaughn, New Jersey's Troubadour	Jackson Pines
	The Stockton Maple Project: A New England Tradition Comes to South Jersey		
	Stockton Campus Birding Walk		Stockton Campus Birding Walk
	Harrisville 19th Century Life		Harrisville 19th Century Life

Please visit stockton.edu for up to date COVID-19 protocols before attending the Short Course.

For questions about accessibility or to request an accommodation, please contact the Office of Event Services and Campus Center Operations at 609.652.4878 or event.services@stockton.edu at least 5 business days in advance of your participation or visit.

CLIP & RETURN CLIP & RETURN

2023 PINELANDS SHORT COURSE REGISTRATION FORM

SATURDAY, MARCH 11 • STOCKTON UNIVERSITY

Register ONE PERSON per form, copy the form for additional registrants.

NAME _____

STREET ADDRESS _____ CITY, STATE, ZIP _____

PHONE _____ E-MAIL ADDRESS _____

Enclose check, money order, or purchase order payable to Stockton University

	9:00 a.m. to 10:15 a.m.	10:30 a.m. to 11:45 a.m.	1:00 p.m. to 2:15 p.m.	2:30 p.m. to 3:45 p.m.
1ST CHOICE				
2ND CHOICE				
3RD CHOICE				

REGISTRATION FEE: CHECK ONE

Adult \$50
 Senior (65+) \$45
 Student \$45

Check box to receive a Professional Development Certificate

ECOSYSTEM/CLIMATE IMPACTS AND SUSTAINABILITY

NEW! WINTER 2022-2023 IN THE PINELANDS AND A LOOK AT THE GROWING SEASON

Joe Martucci, Meteorologist, The Press of Atlantic City

With winter just about complete for the Pinelands, Meteorologist Joe Martucci will recap the season. He will also discuss the polar vortex, atmospheric pattern, snow and rain totals, as well as temperatures. This will be put in context with climate change seen in the Pine Barrens over the decades.

NEW! COMMUNITY SCIENCE PROJECTS AND THE NJ PINE BARRENS - FROM FORESTS TO FROGS

Ron Smith, Haddonfield Memorial HS, Drexel University BEES Department, Director Life Science Field Training Institute at Pinelands Preservation Alliance

The habitats and biodiversity of the N.J. Pinelands offer many opportunities for community science initiatives. With many conservation organizations active in the region and a diversity of projects underway, the efforts of community scientists can provide assistance and valuable data to ongoing projects. Additionally, the status of species and ecosystems can be investigated through novel projects conducted by individuals and groups interested in conservation and ecology. Coordination with non-governmental organizations, state agencies and regional colleges and universities can help shape these projects to be useful for ongoing protection and management. Join us for a presentation and discussion on projects already underway, some in the development stage, and help develop ideas for future actions of which you can be a part.

NEW! CLIMATE READY COMMUNITIES

Meghan Leavey, Climate Resilience Planning, NJDEP

Tanya Rohrbach, Community Planning Manager, New Jersey Future

Anne Heasley, Program Manager for Sustainable Jersey

This session will provide insight into what municipalities need to consider as they prepare for climate change. Attendees will learn what they can do now and where to find local champions. They will also learn relevant planning information to assist their municipality in understanding the potential impacts of climate change and how to be climate ready and prepare for conducting a climate change-related hazard vulnerability assessment.

NEW! WHERE THE PINELANDS MEET THE BAY: THE UNNOTICED SYMBIOSIS OF SHELLFISH AND THE PINELANDS

Rick Bushnell, Chairman of the Board, ReClam the Bay

The Pinelands provide a great service to the estuary by filtering the water from the west. But many are unaware of what the shellfish do for the Pinelands in return. This presentation explores the relationship more deeply and includes an overview of nature-based, shoreline stabilization employing shellfish, with examples from the Barnegat Bay estuary.

NEW! NO WILD RIVERS IN SOUTH JERSEY: AN ENVIRONMENTAL BIOGRAPHY

Dr. Claude Epstein, Professor Emeritus, Stockton University

The landscape carved by South Jersey's Rivers was controlled by its geologic and land use history. Plate tectonics and sea level changes started the process, but people's use of the rivers did the rest in the last 500 years.

BATONA TRAIL: THE PREMIER WALKING PATH OF THE PINELANDS

Rosemarie Mason and Diane Mason

This presentation will provide a brief history of the Batona Trail, including a description of the access points and campgrounds located along the 52.7-mile trail. Attendees will learn how to reserve a camping site while discovering easy loop hikes that incorporate the highlights of the Batona, including Pakim Pond, Batsto, Tea Time Hill, Ong's Hat, Apple Pie Hill and the Franklin Parker Preserve. The presenters will also discuss the items people should carry for a day trip or a backpacking trip.

NEW! THE PINELANDS: A NATURAL HISTORY OF COLORS

Kathleen John-Alder, Associate Professor Rutgers University

Color is one of the main ways objects are described in both science and art. Over time, this has led to the development of standardized color nomenclatures that naturalists have called upon to describe their discoveries and artists have used to depict them. One of the first of these texts, Werner's Nomenclature of Colours by Patrick Syme, contains a list of color names, painted color swatches, and examples of animals, plants, and minerals displaying those colors. Charles Darwin used this text when he served as a naturalist aboard the HMS Beagle. More recently, the Munsell color chart has proved invaluable in classifying soils. Building upon this rich history, the presenter will describe her attempt, as a landscape architect who seeks to blend art and science in her representations of the landscape, to compile a nomenclature of colors that captures the rich natural and cultural history of the Pinelands.

WILDLIFE

NEW! TURTLES OF THE PINELANDS

Chris Leone, Garden State Tortoise & Herpetological Associates

The New Jersey Pinelands support some of the most iconic turtle species in North America. Enjoy an up-close look into the lives of these elusive reptiles and learn many amazing facts regarding their ecology and plight in today's world. Witness their incredible morphology and peculiar behaviors by being face to face with live turtles that call the Pinelands home.

NEW! LICHENS: A BEGINNER'S LOOK

Pat Heaney, Assistant Director of Education at The Watershed Institute

Lichens are amazing organisms that come in a variety of shapes and colors. Attendees will learn the basics of these interesting symbiotic life forms and will use magnifiers to get a closer look at their structure and function and try to identify some common Pinelands species. If you have a 10x magnifying loupe, feel free to bring it. This is a beginner class.

NEW! PINELANDS ROADSIDES – NATIVE AND INVASIVE SPECIES

Michael Van Clef, Ph.D., Program Director, New Jersey Invasive Species Strike Team

This program will describe botanical surveys of roadsides in the Pinelands, including areas containing interesting collections of native species along with threatening invasive species.

NEW! ORCHIDS OF THE PINELANDS AND WHY THE SMITHSONIAN IS INTERESTED

Robert Sprague, President, Native Orchid Conference

The Pinelands are home to more than two dozen species of wild orchids. Although some are flamboyant, many are small and inconspicuous. This presentation will employ the magic of macro photography to provide close-up views of all of them. Attendees will also learn about the amazing life histories of these fascinating plants as well as why the Smithsonian Environmental Research Center has chosen the Pinelands as an important study site.

RAPTORS OF THE PINES

Educators, Woodford Cedar Run Wildlife Refuge

This presentation will introduce attendees to the many raptor species regularly found in the Pinelands. The presenters will highlight the keys to identifying each species and discuss their natural history. Live raptors will be present, and participants will be able to view them up close.

NEW! VULTURES IN NEW JERSEY

Nicole Rein, USDA Wildlife Services

This program will delve into the life history and habits of vultures in New Jersey, focusing on these birds' positive values while discussing some of the major issues associated with them.

NEW! FOUR SEASONS AT FORSYTHE

Susan Puder, Author, Photographer, and Friends of Forsythe National Wildlife Refuge, Vice President of Board of Directors

Course attendees will discover the 48,000-acre Forsythe National Wildlife Refuge, located along the Atlantic Flyway. Birds visit the refuge throughout the year to rest, feed and breed. Butterflies and other insects can also be found during the warmer seasons. Attendees will learn what can be found at New Jersey's largest refuge, which is located in the Pinelands.

NEW! AMPHIBIANS

Jennifer Bulava, Senior Park Naturalist, Burlington County Parks

This presentation will focus on amphibians (frogs, toads and salamanders) that live in southern New Jersey, including classification, special adaptations, behaviors, conservation status, and descriptions with photos of local, native species.

SNAKES OF THE PINE BARRENS

Jeff Dragon, Research Scientist, New Jersey Pinelands Commission

Snakes in the New Jersey Pine Barrens have adapted to the unique landscape by utilizing sandy soils for burrowing and large expanses of uplands and wetlands for overwintering. Numerous species reach the northern extent of their range in the Pine Barrens, and some occur in disjunct populations elsewhere in the United States. Presenter Jeff Dragon will discuss the ecology and natural history of the 18 snake species that inhabit the region.

NEW! MICROCLIMATES AND MICROFAUNA OF THE PINELANDS

Henry John-Alder, Director, Rutgers Pinelands Research Station

This program will explore how animals perceive and respond to climate (temperature and humidity) at different scales, with a particular focus on the microclimates of Pinelands microfauna.

NEW! LIFE WITH MOTHS

Ann-Marie Woods, Naturalist and Photographer

Presenter Ann-Marie Woods will link the trending interest in mothing from finding moths in the residential landscape and surrounding environs, to associated fauna, botany, and native gardening in terms of host plants.

Directions to Stockton University Galloway, New Jersey

From the North

Travel south on the Garden State Parkway to Exit 44. Take Exit 44. At the stop sign at the end of the ramp, turn right onto S. Pomona Road (County Road 575). Travel ½ mile. At the entrance sign for Stockton University, turn left onto Vera King Farris Drive. For campus parking, continue ½ mile on Vera King Farris Drive, parking is available on the right.

From the West

Travel east on the Atlantic City Expressway to Exit 12. Take Exit 12. At the stop sign at the end of the ramp, turn left onto Wrangleboro Road (County Road 575). Proceed straight through the traffic lights at Tilton Road (County Road 563) and White Horse Pike (Route 30). At the next traffic light, W. Jimmie Leeds Road, turn right. Travel 1 mile on W. Jimmie Leeds Road to the entrance sign for Stockton University on the left, turn left onto Vera King Farris Drive. For campus parking, continue about 1 ½ miles on Vera King Farris Drive, parking is available on the left.

From the South

Travel north on the Garden State Parkway and take Exit 41. At the light at the end of the Exit 41 ramp, turn left onto W. Jimmie Leeds Road. Travel 1 mile to the entrance sign for Stockton University, turn right onto Vera King Farris Drive. For campus parking, continue 1½ miles; parking is available on the left

HOW TO REGISTER:

Visit: stockton.edu/pinelands for content information. Register online at stockton.gosignmeup.com

Be sure to select the 34th Pinelands Short Course and select your classes. It is this year's preferred registration method.

Use coupon code **PSC\$5** to receive **\$5 off** of the registration fee if you are a senior or student.

If you are mailing in your registration and payment send to:
Stockton University
3430 Atlantic Ave
Atlantic City, NJ 08401

Please visit stockton.edu for up to date COVID-19 protocols before attending the Short Course.

HISTORY/CULTURE

NEW! THE STILL FAMILY STORY: ITS SIGNIFICANCE AND RELEVANCE TO THE HISTORY OF SOUTH JERSEY

Samuel Still III, Executive Director, Dr. James Still Historic Office Site

This program will discuss the influence of the Still family on the culture and intellectual life of South Jersey over the years. The lives of illustrious family members, such as Dr. James Still (1812-1885), the "Black Doctor of the Pines," and William Still (1821-1902), author of *The Underground Railroad*, published in 1872, will be explored, as well as the lives of other less well-known family members. Efforts to preserve and restore the home and office of Dr. Still in Medford will also be discussed. Samuel Still is a direct descendant of Dr. James Still and William Still. He is also an avid historian, author, preservationist and genealogist.

NEW! GATEWAY TO THE PINES: WELLS MILLS OCEAN COUNTY PARK

Timothy G. Hart, Ocean County Historian

Attendees will watch a new, short documentary on Wells Mills and the 1937 Cedarview Cabin. Ocean County Historian Tim Hart and Parks & Recreation staff will share information on the new exhibits of the recently renovated Wells Mills Ocean County Park. Attendees will learn about fire towers in a way that is similar to the NJ Lighthouse Challenge. They will also learn about an alternate explanation of the Jersey Devil and other mysteries of the Pine Barrens of Ocean County, including strange names of places like Mob Hollow, Cat and Rat Still, Dead Horse Pond, and the name of the Forked River Mountains. Lastly, attendees will learn about some preliminary research into African American experiences in the Pines.

NEW! DOUBLE TROUBLE VILLAGE: A WINDOW INTO PINELANDS INDUSTRIES

Andrew Anderson, New Jersey State Park Service

The uniquely named Pinelands Village of Double Trouble was first settled in the mid-1700s as a lumber town that cut and milled the nearby Atlantic White Cedar, which was used to construct buildings and boats. Over the centuries, a second industry emerged as cranberry vines were planted in the cleared swamps. Utilizing newly discovered photographs and research, the presenter will discuss the evolution of this hamlet from a colonial company town to a state historic site.

NEW! IRON, GLASS, AND WATER: INDUSTRY AND NATURAL RESOURCES IN THE PINE BARRENS

John Hebble, Historian, Batsto Village

This program will focus on the various industries that sustained the people and communities of the Pine Barrens from the colonial period to the present. The presenter will highlight Batsto Village along with other historically significant sites, including Weymouth Furnace and Atsion. Participants will explore how the natural resources of the Pinelands were used. The program will also feature investigations of the Richards and Wharton eras at Batsto, demonstrating how the use of Pinelands resources evolved to meet the changing demands of the 18th, 19th and 20th centuries.

NEW! THE WHITESBOG BOOK: NEW IMAGES FROM WHITESBOG HISTORIC VILLAGE

Allison Pierson, Director Whitesbog Preservation Trust

Attendees will see new images and learn stories that were uncovered in making the new Whitesbog book from the Images of America series. The book, published in 2022,

includes new aeriels, photographs and advertisements uncovered during the extensive research work by the authors, staff and volunteers of the Whitesbog Archives team. It features details about the cranberry and blueberry farm, including the workers, the main village and the auxiliary villages of Florence and Rome, crop development and marketing, botany of the Pine Barrens, the family history, technological innovations, changes to the landscape and much more.

FIELD TRIPS/OUTSIDE PROGRAMS

STOCKTON CAMPUS BIRDING WALK

Josh Gant, Naturalist, Ocean County Department of Parks & Recreation

Attendees will explore several trails on the Stockton University campus while searching for bird species. Attendees should dress for the weather and be prepared to walk approximately two miles at a stop-and-go pace. Binoculars are strongly recommended.

HARRISVILLE: 19TH CENTURY LIFE ON THE WADING RIVER

Jeff Larson, Pinelands Adventures Guide

Participants will get a glimpse into what life was like along the Wading River in the Pine Barrens during the 1800s. In this three-hour bus excursion, participants will explore the ruins in and around the former town of Harrisville and the surrounding area. Attendees should dress warmly and be prepared to walk short distances. Bathroom facilities will be available in the form of a very primitive outhouse. Make sure to bring a camera. **Transportation provided.**

NEW! THE STOCKTON MAPLE PROJECT: A NEW ENGLAND TRADITION COMES TO SOUTH JERSEY

Judith Vogel and Matthew Olson, Assistant Professors of Environmental Science, Stockton University

This presentation will highlight the Stockton Maple Project, focusing on the science and process of maple sugaring in the South Jersey region. The production of maple syrup is a fun and fascinating process that spans multiple disciplines and topics in the sciences. The presenters will focus on the potential for maple sugaring in the South Jersey region by examining the challenges of working with the local maple species and climate. They will showcase Stockton University's USDA-sponsored research that explores maple syrup production on Stockton's main campus and discuss topics related to the history, economics and science of maple sugaring. This course will include a field trip to Stockton's maple grove. **Attendees should dress warmly for the trip.**

MUSIC

JACKSON PINES: LOCAL OCEAN COUNTY FOLK MUSIC, PAST & PRESENT

Jackson Pines, Pine Barrens Folk Band

Jackson Pines is a local folk band that will play the music of Merce Ridgway Jr. and Sr., as well as original Pine Barrens folk songs. Instruments include guitar, harmonica, fiddle and stand-up bass.

TUNES & TALES OF NEW JERSEY

Valerie Vaughn, New Jersey's Troubadour

A multi-talented musician and educator from Tuckerton, New Jersey, Vaughn specializes in writing songs that cover the rich folklore and the history of the people and places of South Jersey.