



16th Annual Pinelands Short Course

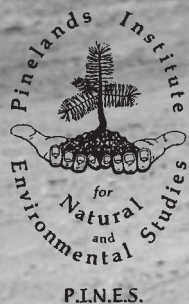
Saturday,
March 5, 2005

This event is registered with the NJDOE and professional development certificates will be available to New Jersey teachers.

Sponsored by:

The New Jersey Pinelands Commission,
Burlington County College and

The Pinelands Institute for Natural and Environmental Studies



Highlights

The 16th Annual Pinelands Short Course will feature ten new presentations this coming year. A total of nineteen different presentations will be offered including two field trips at nearby Pinelands locations.

The new presentations include, a Pinelands photography class with Michael Hogan a well-known Pinelands Photographer. History buffs can look forward to learning about the lesser-known New Jersey Revolutionary War history in the Pines.

There are numerous and exciting presentations discussing Pinelands plants and wildlife, including a new presentation on Timber Rattlesnakes.

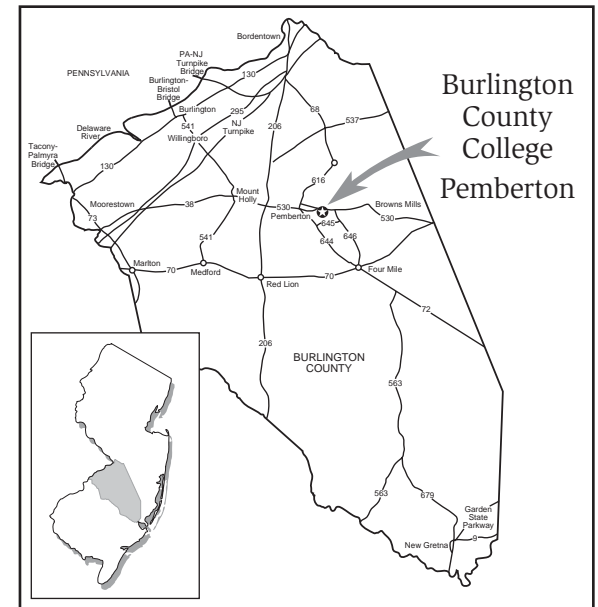
The Sugar Sand Ramblers will cover Traditional Pinelands Music. There also will be presentations focusing on Pinelands Folk life, and the Traditional Usage of Native Pinelands Plants.

Water resources which are vital to the Pinelands will be showcased in two presentations, one to discuss the Kirkwood-Cohansey Aquifer and another following a drop of water as it travels from the Pinelands to the Ocean.

A new field trip to the Rutgers University, Silas Little Research Station will be offered as well as a tour of Whitesbog Village.

Other presentations included in this year's program are The Health Benefits of Cranberries and Blueberries, Industrial Revolution in the Pinelands, a Pinelands Overview, and Fire Wise.

The Pinelands Short Course flames are still burning bright. Come rekindle the fire in your heart and experience the wild spirit of New Jersey's Pinelands.



Burlington County College Pemberton, New Jersey

From the North

Take New Jersey Turnpike South to Exit 7. Take Route 206 South approximately 9 miles to the intersection with County 530. Turn left and follow 530 through Pemberton to the college.

From the South and West

Use the Benjamin Franklin Bridge from Philadelphia to New Jersey Route 38 or the Walt Whitman Bridge to Interstate 295. From the South, use the Delaware Memorial Bridge to Interstate 295. Interstate 295 intersects with Route 38. Take Route 38 through Mount Holly. Route 38 becomes County 530 in Vincentown. Follow 530 through Pemberton to the college.

From the East

Use New Jersey 72 West to the circle intersecting State Routes 70 and 72. Head toward New Lisbon on Four Mile Rd. (County 646) from the circle until it ends at County 530. turn left at the water tower. The college is the first driveway on your left.

Topics and Presenters

1. Pinelands Overview

William Dunscombe is Chairman of the Department of Biology at Union County College. His lively presentation is an introduction to the ecology and beauty of the New Jersey Pinelands.

2. Health Benefits of Cranberries and Blueberries

Amy Howell is a research scientist at the Rutgers Blueberry and Cranberry Research Center. She offers scientific evidence (recently published in the Journal of the American Medical Association) for why we should include these Pinelands fruits in our daily diet.

3. Pinelands Frogs and Toads

John Bunnell is a research scientist for the Pinelands Commission. His presentation informs us of the ecology of Pine Barren frogs and toads and their use as indicators of environmental conditions.

4. The Jersey Devil

James McCloy co author of *The Jersey Devil*, published in 1976, and *Phantom of the Pines: More Tales of the Jersey Devil*, published in 1998. McCloy's presentation traces the history and folklore of this unique legend.

5. Revolution in the Pines: the NJ Civil War 1775-1783 (New)

Tim Hart, President of the Stafford Historical Society & Thomas Franer, Author of Fighting to be Heard. Their presentation includes descriptions of the Affair at Egg Harbor, Skirmish at Manahawkin, Toms River Blockhouse, Barnegat Light Massacre, and the Battle of Cedar Bridge Tavern, perhaps the last documented land battle of the revolutionary war.

6. Fire Wise (NEW)

Maris Gabliks, State Fire Warden for the NJ Forest Fire Service will discuss how fire in the Pines helps residents and visitors.

7. Pinelands Folklife (NEW)

Angus Gillespie teaches American studies and folklore at Rutgers University and is Director of the New Jersey Folk Festival. He will inform us of the daily life of early Pine Barrens residents.

8. Traditional Use of Native Pinelands Plants (NEW)

Terry O'Leary is Education Coordinator at the New Jersey Forest Resource Education Center. His presentation will focus on the early settlers' diverse uses of indigenous Pinelands plants.

9. Pine Barrens Photography (NEW)

Michael Hogan, Photographer We will cover equipment, film, processing, techniques, digital photography, software for editing, and locations in the Pine Barrens for photography.

10. Timber Rattlesnakes in the New Jersey Pinelands (NEW)

Kim J. Laidig, Research Scientist Pinelands Commission. This slide-show presentation will focus on the identification, anatomy, behavior, ecology, and conservation of the only venomous snake species in the Pinelands. Scientific research conducted on the timber rattlesnake in the Pinelands and elsewhere will also be discussed.

11. Research at the Silas Little Research Station (NEW)

John Dighton, Director of the Division of Pinelands Research at Rutgers leads a tour of the Silas Little Research Station and explains current investigation into soil organisms and nutrient cycling in the Pines. *(Limited to 30 people)*

12. Rare, Threatened and Endangered Pinelands Plants and their Habitats

Ted Gordon is a rare species specialist and past president of the Philadelphia Botanical Society. He explores rare plants in upland forests, bogs, savannas, pygmy plains, cedar swamps and other unique habitats.

13. Down a Sugar Sand Road (NEW)

The Sugar Sand Ramblers Band, will bring alive the traditional sounds of the Pinelands and pass along their experiences and stories.

14. A Sheltered Existence: Turtles of the Pinelands National Reserve

Christina Watters is a researcher for the Wetlands Institute. She will talk about the nearly twenty species of turtles inhabiting the Pinelands National Reserve.

15. Tour of Whitesbog (Field Trip)

Maria Peter, Program Coordinator of P.I.N.E.S., and her staff conduct a tour of Whitesbog Village and its environs. The tour will include points of both natural and historical interest.

16. Kirkwood-Cohansey Aquifer System (NEW)

Claude Epstein, Professor of Environmental Studies at the Richard Stockton College will explain the flow of water into, through and out of the aquifer. His talk will explain why wetlands and streams exist and how floods are prevented.

17. Industrial Revolution in the Pines

Barry Brady is an archaeologist and planner for the Pinelands Commission. Learn how early industry took root in the Pinelands and changed the natural and cultural map of the region.

18. From the Pinelands to the Ocean (NEW)

Philip Broder, Director of Education for the Wetlands Institute. Learn the interrelationship among ecosystems as his presentation follows a drop of water from the Pinelands down through the salt marsh and out to the Ocean.




19. Pine Barrens to Tropical Forest: Long Distance Migratory Songbirds

Emile DeVito is an ecologist for the New Jersey Conservation Foundation. His talk focuses on Pine Barrens songbirds that overwinter in Neotropical areas.



The 16th Annual Pinelands Short Course
 Burlington County College's Parker Center

7:30 am **Registration—Coffee/Juice/Danish**

8:15 am **Welcome and Orientation**

8:30 am – 9:30 am	1 Pinelands Overview CFG 421 01 	2a Health Benefits of Cranberries and Blueberries CFG 422 01	3a Pinelands Frogs and Toads CFG 423 01	4a The Jersey Devil CFG 424 01	5a New Revolution In the Pines 1775–1783 CFG 425 01	6a New Firewise: Burning in the Pines CFG 426 01	7a New Pinelands Folklore CFG 427 01	8a New Traditional Use of Native Plants CFG 428 01
9:40 am–10:40 am		2b Health Benefits of Cranberries and Blueberries CFG 422 02	10a New Timber Rattlesnakes in the Pinelands CFG 430 01	7b New Pinelands Folklore CFG 427 02	12a Rare, Threatened & Endangered Pinelands Plants CFG 432 01	13a New Down a Sugar Sand Road CFG 433 01	11 Research at the Silas Little Research Station CFG 431 01 	15a Tour of Whitesbog CFG 435 01 
10:50 am–11:50 am	9a New Pine Barrens Photography CFG 429 01	14a Turtles of the Pinelands National Reserve CFG 434 01	3b Pinelands Frogs and Toads CFG 423 02	16a New Kirkwood-Cohansey Aquifer CFG 436 01	17a Industrial Revolution in the Pines CFG 437 01	18a New From the Pinelands to the Ocean CFG 438 01		

11:50 am–12:40 pm **Lunch**

12:40 pm – 1:40 pm	19 Pine Barrens Migratory Songbirds CFG 439 01 	9b New Pine Barrens Photography CFG 429 02	10b New Timber Rattlesnakes in the Pinelands CFG 430 02	5b New Revolution In the Pines 1775–1783 CFG 425 02	17b Industrial Revolution in the Pines CFG 437 02	12b Rare, Threatened & Endangered Pinelands Plants CFG 432 02	8b New Traditional Use of Native Plants CFG 428 02	15b Tour of Whitesbog CFG 435 02 
1:50 pm – 2:50 pm		18b New From the Pinelands to the Ocean CFG 438 02	4b The Jersey Devil CFG 424 02	16b New Kirkwood-Cohansey Aquifer CFG 436 02	13b New Down a Sugar Sand Road CFG 433 02	6b New Firewise: Burning in the Pines CFG 426 02	14b Turtles of the Pinelands National Reserve CFG 434 02	

Registration Information

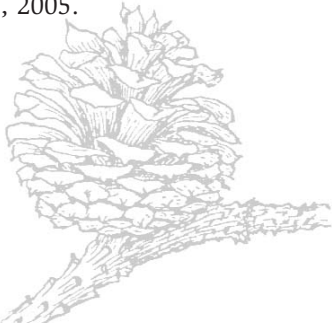
To register, simply complete and mail the attached form, or call ext. 7415 at (609)-894-9311 or (856) 222-9311.

Registration fees are \$30 per adult, \$25 per senior (age 65 +) and \$15 per student.

Bring your own lunch or order a box lunch (sandwich, soft drink and snack) in assorted regular or vegetarian styles. Box lunches are \$8 each.

You will receive confirmation of your registration by mail.

Cancellation policy: Registration/lunch fees will be refunded, minus a \$5.00 processing fee, if your cancellation request is received by February 25, 2005.



As an Equal Opportunity/Affirmative Action institution, Burlington County College affords equal opportunity to qualified individuals regardless of race, color, religion, sex, national origin, age, handicap (as defined by Section 504), ancestry, place of birth, marital status or liability for military service in the operation of its programs and activities (including admissions, access to programs and course offerings, physical education, intercollegiate and intramural athletics, counseling, employment, use of facilities, and college-sponsored extracurricular activities). This is in accordance with Title VI of the Civil Rights Act of 1964 (which prohibits discrimination on the basis of race, color, and/or national origin), Title IX of the Education Amendment of 1972 (which prohibits sex discrimination), Section 504 of the Rehabilitation Act of 1973 as amended and the Americans with Disabilities Act/ADA (which prohibit discrimination against otherwise qualified handicapped people), and other applicable laws and regulations.

An Equal Opportunity/Affirmative Action Institution (M/W).
Question? Call 609-894-9311

Registration Form

Register **ONE PERSON ONLY** Per Form. Please copy the form for additional registrants.

Please Print

Name: _____

Street: _____ City, State, Zip: _____

Day/Evening Phone: _____ E-mail Address: _____

If you are a teacher in New Jersey and would like to earn professional development units for participating in the course, please check here .

Pre-Registration Fees

_____ Adult Registration @ \$30 each. = \$_____

_____ Senior Citizen (over 65) Registration @ \$25 each. = \$_____

_____ Student Registration @ \$15 each. = \$_____

There will be an additional \$5 charge (in any category) for registering the day of the course.

_____ # of Box Lunches @ \$8 each. = \$_____

_____ # of Vegetarian Box Lunches @ \$8 each. = \$_____

Total \$_____

Enclose check, money order or purchase order payable to Burlington County College or Credit Card Information

MasterCard Visa Discover Am Ex # _____ Exp. Date: ____/____/____

Card Holder's Name (please print) _____

Card Holder's Signature: _____

3 digit Security Code (on back of card) _____

Zip Code _____

Please indicate your workshop preferences. List your three top choices for each period, noting the course number in the appropriate time slot. Workshops will be assigned on a first-come, first-served basis. You will receive confirmation of your registration by mail.

Cancellation policy: Registration fees will be refunded, minus a \$5 processing fee, if your cancellation request is received by February 25, 2005.

Time	First Choice	Second Choice	Third Choice
8:30 am - 9:30 am	Course #	Course #	Course #
9:40 am - 10:40 am	Course #	Course #	Course #
10:50 am - 11:50 am	Course #	Course #	Course #
LUNCH			
12:40 pm - 1:40 pm	Course #	Course #	Course #
1:50 pm - 2:50 pm	Course #	Course #	Course #

Mail this form with payments to:

Office of Community Enrichment
Burlington County College
601 Pemberton Browns Mills Rd.
Pemberton, NJ 08068

**Questions Regarding
Registration?
Please call Ext. 7415
at (609) 894-9311**

**Questions Regarding
The Short Course Program?
Please call NJ Pinelands Commission
(609) 894-7300**