

Events Calendar

Community Family Night	March 20, 2009
Pine Mountain Wildflower Weekend	April 17-19, 2009
Black Mountain Wildflower Weekend	May 1-3, 2009
Community Family Night	June 5, 2009
In the Footsteps of Lucy Braun	June 10-14, 2009
Community Youth Day Camp (K-6 th)	June 15-19, 2009
Community Youth Day Camp (7-12 th)	June 22-26, 2009
Practical Preservation of Square Log Buildings Workshop	July 12-17, 2009
Reading Camp	July 26 through August 1, 2009
Alumni Homecoming	August 7-9, 2009
Creech Family Reunion	August 9, 2009
Pain-less Panes: Historic Window Restoration Workshop	August 9-14, 2009
In the Footsteps of Lucy Braun	August 12-16, 2009
Wooden Window Repair Workshop	August 9-14, 2009
Community Family Night	August 21, 2009
Fair Day	August 29, 2009
Community School Reunion	September 5, 2009
Fall Arts Weekend	October 9-11, 2009
The Art of Building Dry Stone Walls Workshop	October 9-11, 2009
Fall Color Weekend	October 16-18, 2009
Community Children's Fall Party	October 24, 2009
Community Potluck Dinner & Singing	November 20, 2009
Nativity Play	December 13, 2009

For more information or to make an on-line reservation, please visit our website at www.pinemountainsettlementschool.com or call (606) 558-3571 or 558-3542 between 7 a.m. and 3:30 p.m. Monday through Friday.

You may also write to: **Operations Manager, Pine Mountain Settlement School, 36 HWY 510, Pine Mountain, KY 40810-8289** or e-mail: office@pinemountainsettlementschool.com.

Pine Mountain is now on Facebook!

This winter, PMSS staff created a Facebook page for Pine Mountain Settlement School to build an online community of program attendees, alumni, students, volunteers, and supporters of PMSS. Facebook is a free online social network that connects people with friends and associates. Currently, more than 175 million people worldwide are active Facebook users. When someone with a Facebook account decides to become a "fan" of Pine Mountain, they receive updates through Facebook that include new photographs, video, and program information from the School. To date, there are more than 1,000 fans of Pine Mountain Settlement School on Facebook. We are excited about this new way to stay in touch with you. If you are a Facebook user, please consider becoming a fan of Pine Mountain Settlement School. The PMSS Facebook site is www.facebook.com/pages/Pine-Mountain-KY/Pine-Mountain-Settlement-School/16346354949.

NOTES FROM

THE PINE MOUNTAIN SETTLEMENT SCHOOL

PINE MOUNTAIN ~ HARLAN COUNTY ~ KENTUCKY

A tradition of education and service since 1913

SPRING 2009



Yale University students spent part of their spring break at Pine Mountain. They helped create a new raised bed for the School's expanding garden operation.

March 2009

Dear Friends,

This winter, the plight of people living in Appalachia once again grabbed national headlines with the broadcast in February of Diane Sawyer's report, "A Hidden America: Children of the Mountains," on ABC News. Ms. Sawyer and her film crew followed four children for two years. These children, like many in this region, have tough lives. It is heart-breaking that they are not able to pursue their dreams because they don't have the opportunities that are available to children who live elsewhere.

The report was decades-old news. In spite of social programs and billions of federal dollars for highway construction and economic development spent in the region since the mid-1960s, the region's people still find themselves mired in one of the poorest places in the country.

This report, however, wasn't the headline that stayed with me. Rather, it was the report on what former Federal Communications Commission economist Michael Katz said about rural life in this country. In comments to an American Enterprise Institute gathering in February, Mr. Katz said that the \$7.2 billion included in the federal economic stimulus bill for expanding broadband Internet access to rural areas could be put to better use. He said that rural places, because they are spread out, use more natural resources and are weak in innovation. "The notion that we should be helping people who live in rural areas avoid the costs that they impose on society is misguided from an efficiency point of view and an equity one."

For at least 16 months, the Settlement School has been trying to get affordable broadband Internet access for this area. Broadband, as compared to dial-up service, is like the difference between walking the 18 miles to Harlan and driving a car to get there. Walking will take you several hours; driving will get you there in 35 minutes. We've had many conversations with our telephone company and with the organization whose specific charge is to bring broadband access to rural areas, ConnectKentucky. We've marked our calendars so that we remember to call them at least every month.

The reasons Mr. Katz's comments are so disturbing is that he dismisses people in rural areas that supply much of this country's food and energy needs, and what he says goes against everything the Pine Mountain Settlement School has stood for in its 96-year history. The Settlement School's mission has always been about providing educational opportunities and respecting people for what they can do.

By getting broadband Internet access here, we could expand the possibilities for educational opportunities, economic development, and self-determination for people stifled much too long by economic and political systems. Then maybe, in years to come, the story about Appalachia will finally be one of transformation, of people pulling themselves out of poverty and toward a better way of life.

In the spirit of Pine Mountain,



Executive Director

How You Can Help

Income to operate the programs and maintain Pine Mountain's physical plant comes from three sources: interest income from the School's endowment fund, earned income, and contributions. From time to time, we seek grant funding to help with particular projects, equipment and building maintenance needs.

We appreciate all contributions. We are prudent in our use of financial resources and run a simple, spare operation. Your financial contributions make it possible for Pine Mountain to carry out its mission and to continue to be a strong institution in an underserved area.

In 2008, Pine Mountain received 355 individual contributions totaling \$95,348. This amount exceeded our budget projections. For fiscal year 2009-2010, we have lowered our budget projection and hope to raise \$60,000 through individual contributions.

Pine Mountain Settlement School exists to serve people in the local community and beyond. To accomplish this, we strive to

- Teach others about the natural environment and promote protection of ecosystems
- Incorporate into our operation energy conservation, renewable energy sources, local materials and healthy food, and share this knowledge with others
- Provide supplemental educational experiences for local students which strengthen, enrich, and extend their academic education
- Protect and maintain the natural lands and historic structures at the Settlement School
- Celebrate, interpret, and promote the cultural heritage of central and southern Appalachia
- Serve as a center for recreation, fellowship, and lifelong learning, welcoming all who come

Pine Mountain is a private, 501(c) (3), non-profit corporation. Contributions to Pine Mountain are tax-deductible as allowed by law.

Pine Mountain is now accepting online contributions through Network for Good. Please see our website for more details.

NEEDS LIST

Those interested in helping with any of these items may donate part or all of the cost.

AIO Laser Printer - \$400	Software for GPS - \$150	Epson Printer - \$300
Kioritz Injector - \$400	Dryer - \$500	Twin-sized sheet sets - \$20
Garden Cart - \$215	Backhoe Tires - \$500	Disc Harrows - \$1500

Community Events

School reunions

Now is the time to plan to attend this year's Pine Mountain Association of Alumni and Friends Reunion and the Community School Reunion at the Settlement School.

The Pine Mountain Association of Alumni and Friends Reunion, which includes boarding school alumni and students, and their families and friends, is scheduled for Aug. 7 through 9. The Community School Reunion for students who attended Pine Mountain from 1950 to 1971 is set for September 5.

Details about both reunions will be posted on the School's website in coming weeks and information will be sent to those on the mailing list for both groups.



Local residents help to keep our community clean by participating in the spring and fall clean-up.

2009 Community Calendar

Baseball Sign-Up	March 26 & 27
Baseball Season Begins	April 6
Easter Egg Hunt	April 11
Spring Clean-Up	April 18
Mother's Day Off	May 11
Family Night	June 5
K-6 th Grade Day Camp	June 15-19
7-12 th Grade Day Camp	June 22-26
Family Night	August 21
Fair Day	August 29
Community School Reunion	September 5
Fall Clean-Up	October 17
Children's Fall Party	October 24
Potluck and Singing	November 20
Nativity Play	December 13
Community Garden Meeting	2 nd Tuesday of each month
Community Garden Work Days	4 th Tuesday of each month
Homemakers Meetings	3 rd Tuesday of each month
Summer Activities	Each Monday at 6 p.m. during June & July

Contact Judy Lewis, Community Coordinator, for more information. (606) 558-3586
E-mail: office@pinemountainsettlementschool.com.

Sustainability Initiative and Interns

Expanded gardens, energy audits, and weatherization projects keep Sustainability Initiative on the go

The School's Sustainability Initiative, which is entering its second year, has already made progress on several projects. In the last six months, Randal Pflieger, who directs the initiative, has worked with other PMSS staff and volunteers to: align the School's menus with the garden produce schedule, increase the number of raised beds in the School's gardens, include more local residents in the 2009 community garden, and establish a sustainable agriculture class and an introduction to sustainability class for students who participate in the environmental education program.

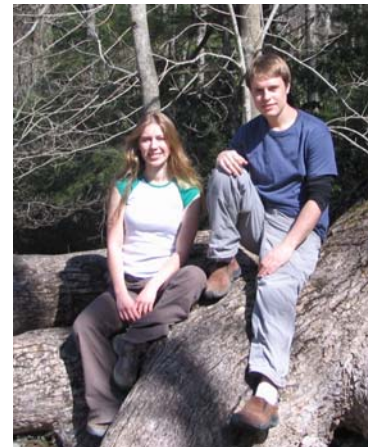
In the area of energy conservation and installation of renewable energy systems, staff have created a working audit of energy use at the School and are developing ways to reduce that use. Staff also have worked on weatherization projects in several buildings.

Pine Mountain is applying for grant funding to help pay for new renewable energy heating, hot water, and electrical systems in West Wind and Draper Building. When these projects are completed, they will serve as demonstration models and teaching tools for PMSS programs.



Community members discuss this year's garden.

Spring interns



Kara Oikarinen and Tripp Denison

The environmental education interns for the 2009 spring season are John "Tripp" Denison from Lexington, Kentucky and Kara Oikarinen from Calumet, Michigan.

Tripp learned about the internship while attending Pine Mountain's "In the Footsteps of Lucy Braun" workshop in the summer of 2008. He studied English and philosophy at University of Kentucky and spent last fall taking wilderness leadership classes in Utah and Ecuador. An avid hiker, Tripp is also a certified outdoor leader through the Wilderness Education Association.

Kara is a junior at Michigan Technological University where she is a member of the Beta Xi chapter of Alpha Sigma Tau. Kara is studying social and biological science education and receiving college credit for her internship at Pine Mountain. We are pleased that Kara and Tripp are with us this spring.

AmeriCorps*VISTA Program

Three new positions open at PMSS

The Corporation for National and Community Service has awarded a grant to Pine Mountain Settlement School to fund three AmeriCorps*VISTA positions for three years to work on programs in the Pine Mountain community. The project, Pine Mountain Settlement School: Serving the Local Community, is one part of the School's Sustainability Initiative. Three AmeriCorps*VISTA members will: 1) work with children, adults and families to improve their health through better nutrition, exercise, and preventive screenings for chronic illnesses; 2) support and encourage residents to grow their own vegetables as a way to improve diets and save money; and 3) promote weatherization of homes to help save energy and money.

AmeriCorps*VISTA members will work with PMSS staff to recruit volunteers and coordinate projects. They will also work with other organizations in the area to address community needs.

AmeriCorps*VISTA members volunteer for one year of full-time service. They receive a small stipend, health insurance, and relocation allowance. Eligible volunteers may receive childcare assistance. They may choose between partial repayment of higher education loans or an end-of-service stipend after a year of service. Members cannot hold any outside employment or attend school during the year of service.

AmeriCorps*VISTA (Volunteers in Service to America) is a national program that provides full-time volunteers to community-based organizations and public agencies that are working to help individuals and communities rise out of poverty. With inspiration from President John F. Kennedy, the AmeriCorps*VISTA program was part of President Lyndon Johnson's Economic Opportunity Act of 1964 as the domestic version of the Peace Corps. Since 1965, more than 140,000 Americans have completed their service through VISTA. More than 6,000 AmeriCorps*VISTA members serve throughout the country to teach reading, improve health services, start businesses, provide affordable housing, and strengthen community organizations.

The Pine Mountain project will begin in June 2009 and continue through May 2012.

Applications for the three AmeriCorps*VISTA positions at Pine Mountain Settlement School are posted on the AmeriCorps*VISTA Recruitment Website. The School is accepting applications through April 15th, 2009. Positions start June 1, 2009. For more details, please visit our website: www.pinemountainsettlementschool.com/VISTA.

Grants (continued)

Berea College Appalachian Fund awards grant to Pine Mountain Settlement School

In December 2008, the Berea College Appalachian Fund awarded a \$21,000 grant to Pine Mountain Settlement School for support of the School's educational programs for local children and its sustainability initiative.

The grant will help with funding for the following programs: the Intervention Program, which provides a teacher to work six hours a week with students who need remedial instruction in reading in two local elementary schools; the summer residential Reading Camp for students who need help with basic reading skills and confidence building; and sponsorship of environmental education trips to Pine Mountain for local schools. The Berea College Appalachian Fund also helps with funding of the School's sustainability initiative, particularly for work with the local community on agricultural projects, which include a community garden and workshops on good garden practices.

The Berea College Appalachian Fund was established through a gift from Herbert Faber and Ruth McGurk Faber. Since 1950, the Fund has supported nonprofits working to improve the general education, health and physical well being of people living in the Appalachian Mountains and surrounding areas.

PMSS receives a Save America's Treasures grant

The National Park Service awarded a 2008 Save America's Treasures (SAT) grant to Pine Mountain Settlement School. The \$138,575 grant will be used on ten projects to repair historic buildings on campus. The School has pledged to raise matching funds to complete the projects.

SAT funds will help pay for work on these buildings:

- Draper Building - replace roof, work on drainage control and install new gutters, repair steel windows
- West Wind - replace windows, remove vinyl siding and repair exterior siding
- Laurel House - repair roof, repoint chimney, repair steel windows
- Big Log - repoint two chimneys
- Chapel - replace roof

Pine Mountain was one of 40 organizations and agencies in the country to receive a SAT grant. SAT program is dedicated to preserving, conserving and rescuing the nation's most significant cultural and heritage resources.

Grants

PMSS receives grant for treatment of hemlock trees

Kentucky Department of Fish and Wildlife Resources has provided to the Pine Mountain Settlement School the recommended insecticide to treat all of its hemlock trees against infestation of the hemlock woolly adelgid (HWA.) The HWA threatens to wipe out all eastern hemlocks (*tsuga canadensis*) in the eastern United States.

In July 2008, Environmental Education staff conducted an extensive survey to identify the number of eastern hemlocks on PMSS property, including the 348-acre James E. Bickford State Nature Preserve. More than 4,900 eastern hemlocks were counted during this survey. HWA was not found on every hemlock, but it was present in every survey area.

The HWA is a tiny exotic insect that feeds on the sap of hemlocks. Scientists believe it is spread by birds, deer, and human activities. After millions of the HWA attach themselves to a hemlock, the insects consume the sap, which depletes the tree's starch reserves. This depletion limits the tree's ability to grow and produce new shoots. Tree death is slow, occurring in two to twelve years.

The eastern hemlock plays a vital role in the North American mixed mesophytic forest. Loss of the eastern hemlock will cause the following: the amount of light filtering through the forest canopy will increase, water temperatures will increase in riparian zones along streams that were previously shaded by hemlock, soil composition will change, invasive plants may appear in areas no longer occupied by hemlocks, and several species of birds, insects, and animals that depend on the eastern hemlock for food will be affected.

This insecticide used to treat against the HWA, Imidacloprid, will be injected into the soil near infected trees, allowing the tree to absorb the chemical through its roots. Imidacloprid is the most cost-effective treatment available and it is especially effective in the early stages of infestation. A HWA eradication crew will assist PMSS staff in treating hemlock trees this spring.

We appreciate the support of the Kentucky Department of Fish and Wildlife Resources and Save Kentucky's Hemlocks, a coalition of concerned citizens, non-profits, and governmental agencies working to save eastern hemlocks in Kentucky.



One of the most successful ways to treat eastern hemlocks infected with Hemlock Woolly Adelgid is by injecting an insecticide around the base of the tree.

In Kind Gifts

Henkel Corporation helps with PMSS weatherization

We want to thank Henkel Corporation for a generous donation of weatherization materials for Pine Mountain's three most-used buildings. The materials included weatherstripping, pipe insulation, electrical socket sealers, HVAC duct tape, and water pipe heating cables. The Henkel Corp. is based in Avon, Ohio, and markets its products under the brand name Duck.

PMSS staff Paul Creech (left) and Owen Callahan wrap hot water pipes that provide heat to Draper Building, which houses classrooms.



Cumberland Valley Electric Cooperative donates energy-saving light bulbs

In March, Cumberland Valley Electric Cooperative donated 144 compact fluorescent light bulbs to Pine Mountain Settlement School. With this donation, the School is now able to install the energy-saving bulbs in nearly all incandescent light fixtures on campus. (Some fixtures must be updated to accommodate the new light bulbs.) Cumberland Valley serves more than 24,000 homes and businesses in Eastern Kentucky. We appreciate Cumberland Valley's donation and continued partnership on projects.



PMSS staff replace incandescent light bulbs with energy-saving CFL bulbs. Pictured left-to-right: James Smith, Cassie Robinson, and Faye Turner.

The Notes from Pine Mountain Settlement School are now available by e-mail and at our website. If you would like to register to receive the Notes electronically, write to us at office@pinmountainsettlementschool.com.

2009 Programs

Nature weekends

The arrival of spring and warmer weather means that Pine Mountain's two wildflower weekends and two forest workshops are close at hand. The Pine Mountain Wildflower Weekend, April 17th through 19th, will feature hikes on Settlement School grounds and in Lilley Cornett Woods, and a driving tour along the crest of Pine Mountain on Little Shepherd Trail. Friday night's presentation will be "Wildflowers of Eastern Kentucky" by Rufus Fugate, retired Leslie County extension agent. On Saturday night, participants can relax while listening to old-time fiddle and banjo tunes played by Adrian and Julie Shepherd-Powell.



Leisurely hikes allow botanists time to answer questions

County, Kentucky will perform traditional mountain music. Sunday morning's activities include a fern identification walk, campus hikes, or a driving tour along Little Shepherd Trail on Pine Mountain.

This year's In the Footsteps of Lucy Braun workshops are scheduled for June 10th through 14th and Aug. 12th through 16th. During the workshops, participants will have the opportunity to hike in the company of experienced botanists in some of

Kentucky's most special natural areas: Bad Branch State Nature Preserve, Lilley Cornett Woods, Blanton Forest State Nature Preserve, and Black Mountain State Nature Preserve. Evening presentations will feature programs on Dr. E. Lucy Braun; "Flora of Kentennia State Forest," by Amy McIntosh of Eastern Kentucky University; and "Aquatic Insects," by Jason Robinson, doctoral candidate at University of Tennessee.



Blanton Forest is Kentucky's largest old-growth forest

More information and registration forms are posted on the School's web site: www.pinemountainsettlementschool.com.

Preservation classes

This year, the Settlement School will offer three historic preservation classes: repair of square log structures, repair of wooden windows, and dry stone construction. The classes are co-sponsored by Kentucky Heritage Council, the state's historic preservation office.



Moss Rudley

Moss Rudley, exhibits specialist with the U.S. National Park Service's Historic Preservation Training Center, will return to Pine Mountain to teach the workshop, "Practical Preservation of Square Log Buildings," July 12th through 17th. This workshop will focus on how to examine a log structure for common preservation issues, how to safely lift a two-story log building to replace a sill log, use of epoxies in repairs, full and partial log replacement, and recovering/replicating character-defining features. Students will have the opportunity to apply this knowledge during a hands-on project at Big Log, the first original structure on Settlement School

grounds, and home to Katherine Pettit, one of the School's founders.

Andrew Roeper of Winn Mountain Restorations in Lyndeborough, New Hampshire, will lead the workshop, "Pain-less Panes: Historic Window Restoration," Aug. 9th through 14th. Andrew is a member of the Preservation Trades Network, The New England Window Restoration Alliance, and the Timber Framers Guild. The workshop will include techniques for making repairs using wood and/or epoxy, working with new and old glass, glazing and painting. Andrew will also teach about best practices for working with lead paint. A hands-on project at Jubilee, one of the School's historic houses, will provide practical experience for all workshop participants.



Andrew Roeper



Richard Tufnell

Richard Tufnell, an award-winning stone mason who lives in southern France, will return to lead the workshop, "From the Ground Up - The Art of Building Dry Stone Walls, Oct. 9th through 11th. This will be Richard's fourth dry stone workshop at the Settlement School. Workshop participants can expect to learn how to cut and place stone in a sturdy and aesthetically pleasing manner. A hands-on project to complete a dry stone wall on Settlement School grounds will allow participants to gain practical experience.

More information about the workshops and registration is posted on the School's website: www.pinemountainsettlementschool.com.