

Renfrew Institute Presents~

Four Squares, Two Stones & a Hide... *All in a Day's Work (in 1812)*

A SERIES OF THREE LECTURES

In the Visitors Center at Renfrew Museum & Park, Waynesboro, PA

Thursdays: March 4, 25 & April 8 ♦ 7:00 PM

*Underwriting support provided in part by Charles & Undine Warner
and by Today's Horizon Fund Contributors: PenMar Development Corp.,
Nora Roberts Foundation, & an Anonymous Donor*

FREE ADMISSION (Donations accepted)

March 4: Moon Rue & Mary's Root: Folklore & Facts on The Pennsylvania German Four-Square Garden

Presented by Doris Armstrong Goldman, Staff Biologist & Faculty Member, Renfrew Institute

In the 1700s and early 1800s, Pennsylvania German families had kitchen gardens, called "four-square" gardens for their geometric shape. They grew about 300 kinds of plants—fruits, vegetables, cooking herbs, ornamentals, and plants used for medicines, soaps, perfumes and children's toys. This program will give an overview of the four-square garden, highlighted with stories and reminiscences from area residents whose family folklore is centered on such gardens.

March 25: Hides, Lime, Bark and Time: Tanning at the Royer Farmstead

Presented by Will Sheppard, Field Representative, The Archaeological Conservancy, Frederick, Md.

The program will discuss the 19th-century tanning process and the archaeological work at Renfrew Museum and Park in 1987 and 1988, which was conducted by the speaker. The tannery was the focus of the Royer Farmstead and the talk will look at the impacts of the tannery operation on the environmental and economic conditions of the farmstead.

April 8: Down By the Old Mill Stream

Presented by Adrian Shank, Owner, Shank's Mill, Waynesboro, Pa.

Often featured in sentimental portrayals of early American life, the mill was more than a picturesque part of the landscape. During the 18th, 19th and early-20th centuries, mills were an integral part of everyday life. Mill machinery was operated by a water wheel powered by a local stream. Local farmers brought corn, wheat, oats, rye and barley to be processed into flour, meal or animal feed. The mill was a hub of activity for rural communities. This program explores the operation of these early mills, with a focus on Shank's Mill near Waynesboro. Shank's Mill has been in the speaker's family since 1935.

FOR MORE INFORMATION, CALL 717-762-0373

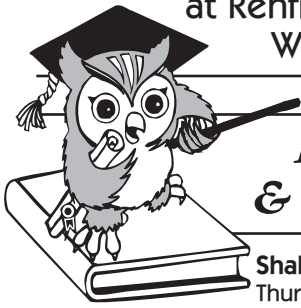
(See reverse for more programs)

Renfrew Institute's 2010 Adult/Teen Education Program

In the Visitors' Center
at Renfrew Museum & Park
Waynesboro, PA

For more information
717-762-0373 • renfrewinst@innernet.net
www.renfrewinstitute.org

Parking is available in Renfrew's lower lot off Welty Road or behind the visitors center.



Programs & Workshops

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Shakuhachi Bamboo Flute Workshop

Thursdays, January 14 & 21, 7-9 p.m.,

Visitors Center [Snowdate: Thursday, January 28]

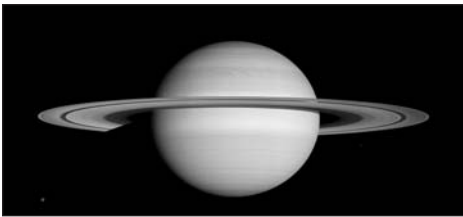
Tom McFarland will teach participants how to make a shakuhachi, a Japanese end-blown flute. The bamboo flute has four holes on the front and one on the back. Traditionally used for Zen Buddhist meditation, the flute is also used to play classical, jazz & traditional Japanese folk music. Workshop fee: \$25/members of R.I., \$30/non-members. Pre-registration required. Ages 15 and up. Limit 10. All materials provided.



Searching for Planets Beyond the Solar System

Thurs., February 4, 7 p.m., Visitors Center [Snowdate: Thurs., Feb. 11]

Presented in partnership with Tri-State Astronomers



In the past decade and a half, almost 400 planets have been discovered beyond the edges of our solar system. This talk will show how astronomers have been

able to detect these distant worlds after searching in vain for many years prior to 1995. It will describe what we know about the extrasolar planets, and what we have learned about the origins of our own solar system by studying them. Presented by Dr. Lawrence Marschall, W.K.T. Sahn Professor of Physics, Gettysburg College. The event is free and open to the public. Donations accepted.

Creatures of the Night—Owl Walk for Adults/Teens

Thursday, February 18, 6:30 p.m., meet at Visitor Center [Stormdate: Thursday, February 25]

NOTE: LIMITED ENROLLMENT OF 50 PARTICIPANTS. PLEASE REGISTER AHEAD.

Renfrew Institute faculty member, Lori Schlosser, conducts this outdoor walk to areas of Renfrew Park most likely to attract owls, including the Screech, Barred and Great Horned owls. Taped owl calls may help draw owls close enough for viewing. Pre-walk session includes information about these nocturnal creatures and methods to locate them. Adults ages 15 & up. Dress warmly and bring flashlights. FREE. Donations accepted.



Renfrew Rocks!—Geology Seminar & Field Trip Shakes and Blasts From the Past: A Look at Past Volcanoes and Earthquakes in Southern Pennsylvania

Seminar: Wednesday, March 17, 7 p.m., Visitors Center

Family Field Trip: Saturday, May 15, 9 a.m.—4 p.m.

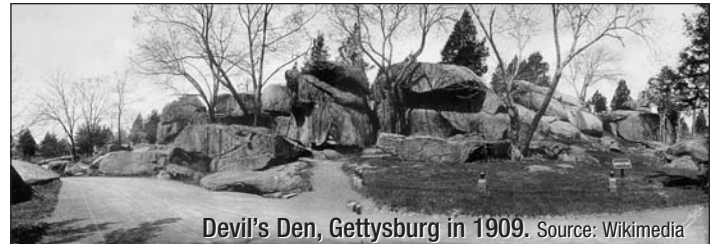
To Adams & Franklin Counties (exploring volcanic rock & earthquake zones)

Presented in partnership with the Franklin County Rock & Mineral Club

Jeri Jones, geology professor and consultant, presents this informative and enjoyable geology experience. Free slide talk on Wednesday (donations accepted). Lecture spans 700 million years to show where volcanoes, underground magma and earthquakes occurred in Adams and Franklin counties. Field trip to key sites in Adams and Franklin counties, including Gettysburg, to view igneous rocks and stand at the epicenter of the only Adams County earthquake known.

Family Field Trip: Saturday, May 15, 9 a.m. to 4 p.m. Transportation by bus only, provided. Pre-registration required. Fee: Adult (age 15 & up) \$25/members of Renfrew Institute, \$30/non-members. One child free (with adult, ages 4-14). Additional children \$5 each.

NOTE—Fall Field Trip: Jeri Jones will lead another geology field trip in the fall, date to be determined. The fall trip will explore St. Clair, Pa., a world-famous fern fossil site, where fossils are plentiful and may be collected. Details to be announced.



Devil's Den, Gettysburg in 1909. Source: Wikimedia

Bird Walks at Renfrew

Saturdays in April & May, 7:30-10 a.m.

Veteran birder Willard Rahn will join naturalist Jack Olzewski to lead bird walks along the hiking trails at Renfrew Park. Walks begin at Renfrew's lower parking lot off Welty Road. Participants should wear comfortable walking shoes and may bring identification books and binoculars. Free to the public.

NOTE—Off-site Birding Field Trips: A few off-site birding trips will be arranged with walkers during Saturday morning sessions. The trips will also be announced to the public.



Our thanks to Renfrew Museum & Park for providing facility support.

(See reverse for more programs)