

Discovering America's Natural History

The Story of the Lewis and Clark Expedition

Talk and Artist Reception

Massabesic Audubon Center

Sunday, March 15, 2009, 2 – 4 PM

The Exhibit

In 1804, in one of the first big science efforts undertaken by this new nation, Lewis and Clark set out to explore the Missouri and Columbia Rivers. Traversing some of the most rugged and beautiful terrain in North America, the expedition observed and recorded the natural history, surveyed the terrain, and made contact with the many Native American peoples along their route. In the current exhibit on display through March 21, 2009, photographer David Saxe tells the expedition's story with aerial and ground based images from the present day Lewis and Clark Trail. Images sample the terrain, flora and fauna along the route from St Louis, Missouri to Astoria, Oregon.

The Talk and Reception

Since 2001, photographer David Saxe has crossed the country three times documenting the Lewis and Clark Trail both from the air and from the ground. At this talk and artist reception, photographer David Saxe will present more pictures and discuss his own adventures recording the trail. More birds, other wildlife, flowers and plants, interior shots of reconstructed winter quarters, a real Indian canoe, additional ground and aerial shots along the river, see these and more. Find out what got David interested in this compelling story of American history. What foods did the expedition eat? What is David's Lewis and Clark menu? Where should you start to travel the Trail yourself? Come answer these questions, meet the photographer, and learn more about this great story. Cost: Free Members/\$5 Non Members.

The Photographer

David Saxe is a systems architect, pilot and photographer with a strong background in scientific programming and systems design. Working for fifteen years at the Institute for Advanced Study in Princeton, NJ, he created software for analysis, reduction and graphical presentation of astrophysics images, including data from Hubble Space Telescope. David formed USA Aloft, a New Hampshire based software and photography company whose initial project was to document the Lewis and Clark Trail. When he is not working on the Lewis and Clark project, he records nature, adding to one of his fine art portfolios.



Lewis and Clark Talk for Schools and Other Groups

Learn about the Lewis and Clark Expedition and the difficulties they faced in crossing the country in 1804 – 1806. See the landscape from the air and ground. View interiors of reconstructed forts and Indian dwellings. Watch a time-lapse aerial movie of the entire Lewis and Clark Trail. Examine the boats used by the expedition. Learn about the foods eaten by the expedition. Nature photographer David Saxe draws from his nearly 60,000 photographs of the Lewis and Clark Trail to bring you a talk tailored to your needs from these and other subject areas.

Lecture at your site employs an LCD projector, several large maps and handouts showing the trail as it crosses the country. A typical lecture lasts 1:30 with some question/answer time. May also be held at Massabesic Audubon Center in Auburn (where through March 21, 2009 an art exhibit features more than 80 framed Lewis and Clark images.) Group size is flexible and depends on the amount of interaction you would like to have. For younger ages, smaller groups may be better to allow for more interaction. We can provide content-based questions, reading lists and further study suggestions to enhance the learning activity. Period music is available on CD. Optionally add to your group's Lewis and Clark experience with expedition foods. We provide menus, recipes and food preparation instruction. Your volunteers actually prepare the food for your function.

Age: Grade 3 thru adult. Cost: \$250 for up to four hours at your site (As many lectures as you can fit in/use.) plus \$0.90 mileage to/from Massabesic Audubon Center. Program at Massabesic, up to four hours, \$200. Contact Massabesic Audubon Center at (603) 668-2045 for more information, optional costs or to reserve a program.

Other Programs at Massabesic from USA Aloft, LLC

Visit www.usaaloft.com and click on "What's New" for details about any USA Aloft program or contact Massabesic Audubon Center at (603) 668-2045. All programs are available at the Center or your site.

Nature Photography Workshop – Introductory photography including composition, camera control, focusing, equipment and much more. Adult. Three-meeting series, April 19, May 3 and May 17, 2009, 12:30 – 4:30. Cost: \$90 Members/\$120 Non Members.

Controlling Depth of Field – Intermediate photography studying focusing techniques. Using instruction and field experience, learn about what it means to be "in focus" and how to control the areas of a composition that will be in focus. Adult. Saturday, April 25, 2009, 12:30 PM - 4:30 PM. Cost: \$45 Members/\$60 Non Members.

Nature Photography Workshop – Introductory photography including composition, camera control, focusing, equipment and much more. Teen. July 13 – 17. 9 AM – 12 PM. Cost: \$90 Members/\$120 Non Members.

Lewis and Clark Surveying Techniques – Techniques used by Lewis and Clark to survey their western route using replicas of period instruments. We will map an "unknown" section of a river course. Teen and adult. Four Saturdays, July 11, 18, 25 and August 1, 2009, 9 AM – 5 PM. \$325 Member/ \$425 Non Member

Young Scientist Series: Application of Object Oriented Programming to a Scientific Problem – Targeted at a teen audience, this serious, 60-hour course will introduce object oriented programming (OOP) techniques, design and implement OOP tools and apply them to a body of scientific data. Teen. Starts June 29 for 10 weeks Monday and Wednesday 6 PM – 9 PM. \$550 Member/\$700 Non Member.