

Partners in the Parks: Acadia National Park

Hosted by University of Maine at Augusta

Supported by the National Collegiate Honors Council

August 9 - 15, 2008

Schedule

Saturday, AUGUST 9

7:00 am - 8:00 am **Breakfast, arrivals, introductions, overview**

8:30 am - 10:00 am **Travel to Camden**

10:30 am - 12:00 pm **Optional hike at Camden Hills State Park Lunch: Ian McKinnon**, a Steward with the Vassalboro Wildlife Habitat Land Trust, Educator at the Pine Tree State Arboretum and an active recreation participant in kayaking, hiking, camping, fly fishing, racquetball, golf and travel. Training for these activities included 34 years as a University Director of Student Activities, Recreation, and Athletics as well as Assoc. Professor of Health, Recreation and Physical Education.

The Camden Hills hike will take you from the picturesque Camden port of yachts and schooners to the tower of Mt. Battie. Here you will have a spectacular view of Penobscot Bay and a glimpse of Acadia National Park. This hike is a warm-up, wake-up, casual scamper through the woods, around rocks and on Maine granite. There are occasions when you will be using your hands for support. Footwear must be sturdy sneakers or hiking shoes.

1:00 pm - 4:30 pm **Travel to Acadia, stopping at the Visitor's Center**

5:00 pm - 8:00 pm **Set up camp /distribute supplies/have dinner**

8:00 pm - 10:00 pm **Seminar: "Enhanced Environment" Ian McKinnon**

Sunday AUGUST 10

7:00 am - 8:00 am **Breakfast**

8:00 am - 9:30 am **Drive along the shoreline / Acadia orientation to Islesford cruise**

9:30 am - 12:30 pm **Islesford Historical Cruise from Somes Sound, Municipal Pier, Northeast Harbor:** Discover the enduring connections between people and the sea. Search for wildlife as you cruise to Little Cranberry Island for a stop at the Islesford Historical Museum and explore the scenic fjord of Somes Sound. Municipal Pier, Northeast Harbor.

1:00 pm - 2:00 pm Lunch

2:00 pm - 5:00 pm Photography: Bob Darby has been photographing in various degrees and areas of interest for 50 years. Although primarily self-taught, he studied Architectural photography with Ezra Stoller and the Black & White Landscape with one of Ansel Adams assistants, John Sexton. Educated & trained as an Architect Bob has worked as an Architect for 35 years. While working as an Architect he photographed the buildings created by his firm. This experience created an unique vision which led to his starting his own photography business 19 years ago. Bob now divides his time doing some small architectural projects, teaching at the University of Maine at Augusta, his Architectural photography & photographing the landscape in Maine & the Southwest.

Photography can be considered the only universal language in that it can be understood by all groups. However, one of its pitfalls is that it is so easy to "take" a picture that people do not study photography further. There are constructs to any language and that is true of photography. Photography also changes with time like languages do. Compare a Civil War era photograph to a photograph of today. What we photograph today will bear the imprint of our time in history. For your brief time with the Partners in the Park, think of photography as an adjunct to your written word. A camera is a tool that can teach you to see. Say with your photography what you feel, what you have seen, and what you think is important. Learn not to "take" pictures, but instead to "make" Photographs. Learn to include the important and to eliminate that which does not add to your message. If a picture is worth a thousand words, shouldn't you put as much thought in the making of the photograph as you would the words?

5:00 pm - 7:00 pm Dinner

7:00 pm - on Open

Monday AUGUST 11

7:00 am - 8:00 am Breakfast

8:45 am - 12:00 pm NPS Seminar: Geology of Maine “Written in the Rocks:” Sand Beach Parking area OR “ Bridges by Design:” Parkman Mountain parking area.

12:00 pm - 12:15 pm Lunch on the run

12:30 pm - 3:30 pm Service in the National Park arranged by Jonathan Gormley, NPS Volunteer Coordinator, Park Headquarters. Long pants and closed toed shoes are required.

6:00 pm - 8:00 pm Dinner

8:00 pm - 10:00 pm Fire Ecology: Scott “Dusty” Warner, NPS, is responsible for wildland fire education, prevention and information program for Acadia National Park and eleven other

National Parks and Historic Sites in the North East Region. Much of his time is involved in public speaking, doing Firewise presentations, developing programs on community collaborative relationships for fuels management. He also serves as a tactical division supervisor on large wildland fires in the western states during the summer months. He has a graduate certificate from the University of Idaho in Fire Ecology and Wildland Fire Management.

This session on Fire Ecology, which will look at the ecological role of fire in the creation and maintenance of natural forests. We will focus on forest stand development patterns, the natural fire environment and its effects on a wide range of temperate forests. We will also look at some critical management issues-park and wilderness management, new forestry, endangered species preservation and wildlife, global climate change-from the perspective of fire ecology.

Tuesday AUGUST 12

7:00 am - 8:00 am Breakfast

8:00 am - 11:00 am Sustainable Architecture: Rob Sherman, AIA, RA, Professor of Architecture and Program Coordinator, UMA, earned a BS in Civil Engineering From the university of Maine and earned the EIT registration for both Maine and Connecticut. He went on to earn a professional degree in Architecture from Syracuse University in New York, and became a licensed professional architect in New York. After earning a Masters of Architecture II from Syracuse University in Florence, Italy, Rob began teaching at UMA. Rob is a board member of the President's Council for Environmental Sustainability, as well as representing UMA for The Green Campus Consortium. Rob has particular fascination with the impact of Renaissance artists, sculptors, architects and engineers, many of whom have shown that buildings and bridges “are for people,” rather than just for functionality and budget...they were artists first, and then architects and engineers.

Sustainability addresses many issues...as does good architecture. According to William McDonough at the TED Conference of 2005, "Sustainability is a delightfully diverse, safe, healthy and just world; with clean air, water, soil, and power. Economically, equitably, ecologically, and elegantly enjoyed." Sustainability issues have been considered since the beginning of time, and now we are much more concerned with defining how and what needs to be done in order to avoid catastrophic consequences which appear to be approaching. I would like to discuss many of the options which are being considered by architects regarding residential and commercial designs. The BA in Architecture Program at UMA emphasizes the importance of space, scale and light in design, and I would like to focus on the integration of passive and active solar design for super-insulated structural panelized construction systems and how designers can use those systems to build spaces which meet the psychological, physical, functional, economic, and sociological needs of the people who inhabit them. Those in attendance will be given small scale super-insulated modular construction panels, solar hot water panels, solar hot air panels, photovoltaic panels, and green roof systems to construct small scale homes or complexes which will help them to consider and invent ways to use sunlight to promote both psychological delight and functional requirements of the home. The models will be photographed, and attendees are welcome to work on them further...with the hope of displaying them at UMA and providing all with a CD of photographs.

12:00 pm - 1:00 pm Lunch

1:00 pm - 5:00 pm Archeology: Rebecca Cole-Will , ANPS, Cultural Resources Program Manager. As manager of Acadia National Park's cultural resources program, Rebecca is responsible for developing, coordinating, and implementing the park's cultural resources program in archeology, ethnography, cultural landscapes, collections management, and historic structures. An archaeologist with over 20 years experience working in Maine on Native American pre-contact archeological sites She holds a B.A. in Anthropology from the University of Maine, and a M.A. in Anthropology from the University of Alberta, Edmonton, Canada, where she studied historic Inuit sites in the Canadian high arctic. Her areas of professional expertise include Maine Native American archaeology and history, contemporary Native art, and historic preservation.

Two different archeological sites in the park will be explored; the first is a Native American and early historic period location on Somes Sound in SW Harbor, where we discuss where Native Americans lived on the island, how they made a living, etc., and a bit about the early historic contact period between Natives and Europeans (purported site of a famous 17th century French mission). The second site is a late 19th - early 20th century homestead site, the Carroll Farm, where the old homestead is still standing, with archeological features related to that time period. Discussion will include kinds of archeological sites that are managed in Acadia, how we use archeology to learn about the past, the different field and research methods at different sites, and cultural resource management laws and issues. Wrap up will take place at the Sawtelle Center, where there are artifacts from both sites. Carroll Farm is accessible, but the Somes Sound site is not, please let Kathleen know if there are any issues for your accessibility. 4 hours

5:00 - 7:00 pm Dinner

7:00 - 11:00 pm Astronomy: Peter Lord, President / Director, Island Astronomy Institute (Stanford University, MLA, 2002; Syracuse University, BS Mechanical Engineering, 1984). A passionate observer, writer, and lecturer for over a decade, Peter received his master's degree in Liberal Arts from Stanford University in 2002. His thesis, *Dante's Guiding Light: The Astronomy of the Divine Comedy*, reintegrates the act of observing the universe within the origins of the classical humanities. A veteran aerospace engineer with twenty years of experience, Peter holds four patents for spacecraft antenna designs, and was the lead systems mechanical engineer for the Sirius Satellite Radio constellation. Peter and his wife [Linda](#) operate a guest cottage at Meadow View Observatory at their home in Tremont. He is currently a consulting Senior Satellite Systems Engineer with Stellar Solutions in Palo Alto, CA.

Surveying Starlight: Mr. Lord will lead a freewheeling exploration of the science of light pollution measurement and its relationship to the management of the night sky as a natural resource by the National Park Service.

Wednesday AUGUST 13

7:00 am - 8:00 am **Breakfast**

8:00 am - 12 pm **Marine science/biology: Lori Connell, University of Maine,** worked for over a decade with Red Tide algae, also called harmful Algal Blooms or HABs. Dr. Connell obtained her PhD in Genetics from the University of North Carolina, Chapel Hill and did her postdoctoral work at the center for Cancer Research at MIT. After spending 10 years working in Marine Sciences in Seattle returned home to Maine to be closer to family and is currently working at the University of Maine, School of Marine Sciences as a Research Associate Professor.

During this section we will discuss the effects of HABs on shellfish and humans. During a beach walk we will collect water samples for visual phytoplankton examination with hand-held microscopes as well as explore the beach ecology.

12:00 pm - 1:00 pm **Lunch**

1:00 pm - 4:00 pm **Seminar: Fish Passage: Scott Craig** is currently employed by the U.S. Fish and Wildlife Services as a Fisheries Biologist/Assistant Project Leader for the Maine Fishery Resources Office located in East Orland, ME. Primary job duties have been directed towards improving fish passage and overall ecological stream connectivity for native salmonids in the Downeast Maine watersheds. In the past three years, Scott has been involved with the project design and installation of 27 Open Bottom Arch culverts. Undergraduate degrees were completed at Bemidji State University in Minnesota (B.S. Aquatic Biology and B.A. Chemistry). Graduate education (M.S. Fisheries) was completed at Central Washington University in Washington State.

This session will educate students on how and why improperly designed and maintained stream road crossings act as barriers to aquatic organisms. In these discussions, students will utilize a real dataset to determine if a local stream-road crossing needs to be replaced. If replacement is deemed warranted, students will utilize biological, stream and economic (budget constraints) data to determine a structure type (culvert, bridge etc.) as well as engineering the structures length, width and height.

6:00 pm - 8:00 pm **Dinner**

8:00 pm - 10:00 pm **Contemporary Maine Fiction: Robert Kellerman** received his B.A. in English from the University of Michigan and his M.A. and Ph.D. in English from Michigan State University. He has taught at Alma College (Michigan), the University of Guam, and presently teaches at the University of Maine at Augusta. There he teaches introductory composition and literature courses as well as a variety of courses in early English literature.

This session focuses on contemporary (post-1990) Maine writers and writing through the genre of the short story. Various themes emerge in the stories we'll read, in particular the conflicts between native Mainers and those "from away," and these conflicts play out in terms social status and insider/outsider knowledge of the state. What emerges is a more nuanced view of a state that is seen by most of the country as a lighthouse-and-lobster, postcard-perfect "Vacationland," one that acknowledges the

complex issues of class in Maine. We will read and discuss various stories, ranging from native Mainer Cathie Pelletier to transplanted newcomer Richard Russo.

Thursday AUGUST 14

7:00 am - 8:00 am Breakfast

8:00 am - 10:00 am Environmental Philosophy: Greg Fahy, Professor of Philosophy, UMA, received his B.A. in philosophy from Bowdoin College and his Ph.D. in philosophy from Boston University. He has taught at Gannon University and currently teaches at the University of Maine at Augusta. My courses include Introduction to Philosophy, Ethics, Aesthetics, Philosophy of Education and Philosophy of Feminism. I volunteer on the Maine General Medical Center Ethics Committee and facilitate discussions for the Maine Humanities Council.

Most people agree that we should conserve and preserve the natural world by setting aside tracts of land for national parks to be free from development. But there is a great deal of disagreement about why we should do this. Our discussion will focus on two very different approaches. The anthropocentrist thinks that we should preserve the natural world for the benefit of current and future human beings. The ecocentrist thinks that we should preserve the natural world because these ecosystems are intrinsically valuable. We will discuss the arguments in favor of each approach as well as the practical implications of each approach.

12:00 pm - 1:00 pm Lunch

1:00 pm - 6:00 pm Revisiting the park / favorite places / presentation preparation

6:00 pm - 8:00 pm Lobster dinner / Presentations

Friday August 15

An earlier departure will be scheduled for those having to leave early for flight schedules.

7:00 am - 8:00 am Breakfast

9:00 am - 10:30 am Pack up, and head out - stopping at Ft Knox and the Observatory

12:00 - 1:00 pm Lunch

2:00 - 6:00 pm Travel to Portland

6:00 pm Arrive Portland, ME