



VIRGINIA MOUNTAIN SECTION NEWSLETTER

IEEE Region 3, Council 09, Section 65

March 2006

Thursday, March 16, Clarion Hotel Roanoke Airport

Spouses Night

Alaskan Travelogue

Breaking the Ice with Gail and Dave Geer

Continuing A Recent Tradition

Based on prior years' success, Spouses Night this year will again feature an earlier start with an extended social hour, complementary hors d'ouvers and cash bar, special dinner price for two, and a program of general interest on Alaska.

Date: Thursday March 16, 2006
Social: 6:00 PM
Dinner: 7:00 PM
Talk: 8:00 PM

Cost:	Individual	\$ 15.00
	Couple	\$ 20.00
	Student	\$ 8.00
	Student couple	\$ 10.00

Reserve by 5 PM Monday March 13

Dr. Jan Helge Bohn (540) 231-3276
<mailto:bohn@ieee.org>

Please specify number of attendees.

Directions to

Clarion Hotel Roanoke Airport
2727 Ferndale Drive NW
1581 Exit 3 Hershberger Rd West
1st Rt. onto Ordway Drive,
1/4 mile, Rt. Into Parking Lot.

Alaska!

Starting in Seattle, as the 49'ers did, come with us by ferry to Victoria, BC, then on to Vancouver where we board a cruise ship for our voyage up the inside passage to Anchorage. We will fish from an open boat in Ketchikan, visit Juneau and Skagway, and cruise among the glaciers of Glacier Bay. Along the way we will learn about salmon fishing and the art and lifestyles of the native people.



Gail Geer, an award winning sculptor and Roanoke City school nurse, has long had an interest in the native people of the Pacific Northwest. Her carved

soapstone animals have been likened to the carvings of the Inuit. Her husband Dave, a retired GE engineer and part-time web designer, went along for the food, the fishing, and the spectacular views.

Photos from prior VMS meetings

During the social hour at the March meeting, photographs from the Student Paper Contest in February and from prior meetings will be shown



See what Dave Livingston and Gail Gray are looking at.



Cadet Dennis Crump

STUDENT PAPER CONTEST

About 40 people were in attendance at the February VMS meeting for the annual Student Paper contest. There were four papers that had been selected for presentation at the meeting. The talks were all extremely interesting, well-organized and very clearly presented. The speakers were poised and answered questions well. The judges indeed had a difficult task, but came up with the following awards totaling \$700.

First Prize: \$300

Robot Navigation Control Through The Use of Fuzzy Sensors

Dennis Crump, VMI

Second Prize: 2-way tie, \$150 each

CMOS Delta Sigma (Σ - Δ) Readout Circuit to Measure Resistance in Nano-Sensors

Abbas Hussain, Virginia Tech



Leg Development and Kinematics for an Octopedal Robot

Zachary Huson and John Lento, VMI



Cadet Zachary Huson



Cadet John Lento

Third Prize: \$100

Lab-in-a-Box: AC Experiments in Electronic Circuits That Support Introductory Courses for Electrical Engineers

William C. Headley, Virginia Tech



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NEXT Meeting, Thursday, April 20
VMI and Virginia Tech students report from the Hardware Contest at IEEE Southeastcon.