

Ridge 2000 PROGRAM



Distinguished Lecturer Series 2003-2005

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Distinguished Lecturer Series 2003-2004

Lecturer

Topics

Host Institutions

**Andy
Fisher**

Science: Large-scale lateral fluid flow within oceanic crust and the importance of seamounts in driving global circulation

General: Rivers of fluid flow and heat within the seafloor: The ocean below the ocean

Georgia Tech & Georgia State Universities

Trinity University

Colby College

University of Kentucky

**Charlie
Langmuir**

Science: Historic Arctic Cruise yields new constraints on oceanic ridge formation

General: Is intelligent life a nature consequence of planetary evolution?

College of Charleston

Brigham Young University

UC–Santa Barbara

Western Washington

University

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Meg Tivey

Science: Using in situ measurements and geochemical models to identify the range of environmental conditions present within seafloor vent deposits

General: The interplay of geology, physics, chemistry, and biology in seafloor hydrothermal vent systems

University of Wisconsin
–River Falls

Smith College, 5-College
Consortium

Montana Tech University

Portland State University

**Cindy
Van Dover**

Science: Deep-sea hot springs: A shrimp's eye view

General: Beyond *The Edge of the Sea*: Volcanoes and life in the deep ocean

University of Northern
Colorado

Towson University

Case Western Reserve

Ocean Institute

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Comments from hosts:

■ “I believe this was the most productive and exciting guest lecturer we have had here in my 23 years experience!”

—*University of Northern Colorado*

■ “Our students are more aware of geoscience applications in oceanography, and it may generate graduate school applications to oceanographic institutions.”

—*Colby College*

■ “...[the lectures] inspired many of the students to embrace the discovery of science. I have also heard praise from a few high school teachers...”

—*College of Charleston*

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Lecturer	Topics	Host Institutions
Ed Baker	Science: Global distribution of seafloor hydrothermal fields General: Unseen volcanoes: New perspectives in ocean exploration	Millsaps College North Dakota State Univ. University of Idaho Univ. of Texas at Dallas
Melanie Holland	Science: The mid-ocean ridge subseafloor: Prime microbial real estate General: Seafloor volcanoes, surly bison, and the ecology of life in boiling water	Beloit College California State University, Chico Keene State College University of Nebraska-Omaha

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**Debbie
Kelley**

Science: Life within the Endeavour: One of the most extreme environments on Earth
General: Discovery of the Lost City Hydrothermal Field: Implications for life in the oceans of our solar system

The College of Wooster
Juniata College
Whitworth College
Wright State University

**Ken
Macdonald**

Science: Linkages between tectonics, volcanism, hydrothermal activity, vent animals, and segmentation on mid-ocean ridges
General: 10,000 Leagues Under the Sea: Deep dives to explore the underwater volcanoes of the global mid-ocean ridge

Bucknell University
Dickinson College
Florida State University
Middlebury College

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FOR INFORMATION:

www.Ridge2000.org