

**NATURAL WONDERS OF NORTHERN ARIZONA**  
October 15-18, 2004

Please mail this form and your deposit check payable to:  
Avenues of the World Travel, 2915 N. Fourth St., Flagstaff, AZ 86004

\_\_\_\_\_  
Last Name First Name Class Year

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Daytime Phone Evening Phone

\_\_\_\_\_  
Name of Accompanying Person

\_\_\_\_\_  
Last Name First Name Class Year

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Daytime Phone Evening Phone

Enclosed is my check /credit card deposit for \$ \_\_\_\_\_ (\$200 per person) to hold \_\_\_\_\_ place(s) on the Natural Wonders of Northern Arizona tour.

AX/MC/VISA # \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Expires \_\_\_\_\_

Authorized Cardholder Signature \_\_\_\_\_ Date \_\_\_\_\_

**ACCOMODATIONS:**

- I desire double-room occupancy. My roommate's name: \_\_\_\_\_
- I wish to pay the additional \$180 for single accommodations throughout the trip.
- I am traveling alone, but would like a roommate. I understand that if one is not available, I must pay the single supplement cost. I am a smoker /non-smoker.

**FOR FURTHER INFORMATION OR RESERVATIONS:**

Contact Gail Briggs, c/o Wesleyan University Travel Programs, at 860-685-3979 or gbriggs@wesleyan.edu or contact Monika Leuenberger, c/o Avenues of the World Travel, at 1-800-230-3322 x 15 or mleuenberger@vacation.com

**WESLEYAN**  
UNIVERSITY

Dear Wesleyan alumni, parents, and friends,

It is with great pleasure that we invite you to join us for Wesleyan's first domestic trip, October 15-18, 2004, to one of the country's most beautiful regions—Northern Arizona.


This special three-day trip is designed to offer plenty of fresh air and a real exploration of Northern Arizona's many natural wonders. Our hosts Clare Schneider '84 and Drew Barringer have planned a custom itinerary that includes a visit to one of the world's largest ponderosa pine forests and a guided tour down into Barringer Meteorite Crater (Meteor Crater), the region's nearly mile-wide impact crater, where we will visit parts of the site off limits to the general public.

There will be time to explore ancient cliff dwellings, visit the Lowell Observatory where the planet Pluto was first discovered, and make an unforgettable trip to the Grand Canyon.

Our expert study leaders and guides Dr. Peter C. Patton, Professor of Earth and Environmental Sciences at Wesleyan, and Dr. David A. Kring, Associate Professor of Planetary Sciences and Associate Professor of Geosciences at the University of Arizona, will accompany the group throughout the three days and will share their expertise in informal talks and discussions.

The canyon—the crater—the countryside—the companionship—will make this the trip of a lifetime. So register early because space is limited and we'd be delighted to have you along.

Sincerely,



Gail S. Briggs  
Associate Director of Alumni Relations

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**TOUR FEE:**

\$850.00 per person based on double occupancy.

**SINGLES:**

There are a limited number of single accommodations available at a supplemental fee of \$180.

**INCLUDES:**

Participation of tour staff and study leaders throughout the tour, accommodations at Little America Hotel, and meals as specified in the daily itinerary (3 breakfasts, 2 lunches, 3 dinners, and one reception), land transportation as indicated in the itinerary, guides, basic gratuities to local guides and drivers, and entrance fees.

**TOUR SIZE:**

This tour is limited to a minimum of 20 and a maximum of 50 participants.

**AIRFARE:**

Airfare is not included; travelers are encouraged to make their own arrangements. If you would like assistance, you may call Monika Leuenberger, c/o Avenues of the World Travel, at 800-230-3322, ext.15.

**DEPOSITS AND FINAL PAYMENTS:**

A \$200.00 deposit (payable to Avenues of the World Travel) will hold your reservation. Please mail the check and completed reservation form to: 2915 N. Fourth Street, Flagstaff, AZ. 86004. Final payment is due on Aug. 15, 2004.

**TOUR COST DOES NOT INCLUDE:**

Domestic air fares, meals not specified in the itinerary, accident/baggage/cancellation insurance, individual transfers, optional excursions or deviations from the scheduled tour, excess baggage charges, medical expenses, laundry or valet services, room service, phone or cable charges, or other items of a personal nature.

**CANCELLATIONS AND REFUNDS:**

Refunds, less a cancellation fee of \$50.00 per person, will be made if we are notified before August 15, 2004. No refunds will be granted after that date unless your place(s) can be resold. All cancellations must be made in writing.

**TRIP CANCELLATION INSURANCE:**

We strongly recommend that you purchase insurance for this tour. Reliable accident/baggage/cancellation insurance is available and an application will be sent to you upon confirmation of your reservation. Avenues of the World Travel and Wesleyan University Travel Programs assume no liability regarding provision for medical care and cannot accept responsibility for lost or damaged property or trip cancellation penalties.

**RESPONSIBILITY:**

The liability of Wesleyan University, as sponsor, and Avenues of the World Travel at tour operator, is strictly limited. Wesleyan University and Avenues of the World Travel purchase transportation, hotel accommodations, restaurant and other services from independent suppliers not under our control. We serve only as agents of these suppliers in securing tour arrangements, and therefore will not accept responsibility for wrongful, negligent, or arbitrary acts or omissions of these independent contractors, their employees, agents, servants or representatives. Wesleyan University and Avenues of the World are not liable for injury, damage, loss, accident, or delay that may be caused by events not within our control, including without limitation, acts of terrorism, war, strikes, the defect of any vehicle, or the negligence or default of any third party. We will make every effort to operate our tours as planned, but we reserve the right to make itinerary changes as necessary.



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# NATURAL WONDERS OF NORTHERN ARIZONA

There is no better time to explore the natural beauty of Northern Arizona than during peak season in mid-fall, and no better way than in the company of Wesleyan alumni, parents, and friends.

## BARRINGER METEORITE CRATER

Barringer Meteorite Crater (Meteor Crater) is the earth's first proven and best preserved impact site and was one of the first Natural Landmarks named by the United States Department of the Interior. A state-of-the-art educational museum is located on the crater's rim and the site remains an active research center for the ongoing study of impact phenomena.

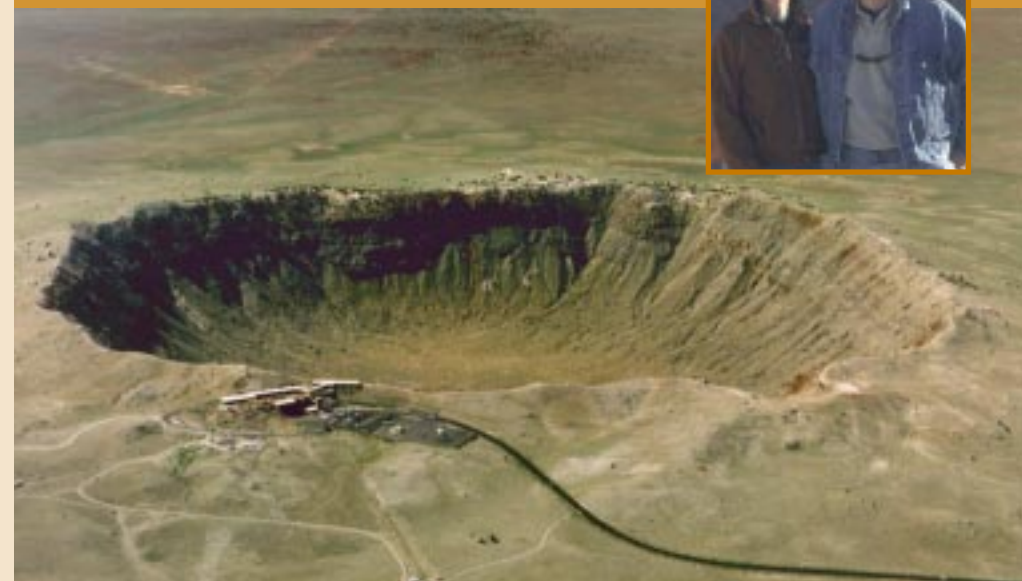
## HOSTS: CLARE SCHNEIDER '84 AND DREW BARRINGER

Wesleyan alumna Clare Schneider '84 and her husband Drew Barringer live in Flagstaff and will be our hosts for this special trip. Clare is a freelance technical writer, works part-time for the Barringer Crater Company, directs a summer camp, and is a member of the Wesleyan University Alumni Executive Committee. She first traveled to the crater in the late '70s on a spring break with her family and never imagined that she would be a regular visitor.

Drew Barringer is the President and CEO of The Barringer Crater Company, a family-held company which has owned Meteor Crater since 1903. Drew's grandfather, Daniel Moreau Barringer (1860-1929) was the first to prove the origin of the crater as a meteorite impact site and the first to prove that large bodies from outer space strike the earth's surface. In recognition of his scientific contributions to what is now known as the field of meteoritics and planetary geology, the crater was named in his honor.

The Barringer family considers its stewardship of the crater as a public trust. As such, the family provides controlled access to the crater by the visiting public and scientific community alike. To date, three generations of the company's founder have been involved in overseeing the crater, and the Barringer family is committed to preserving its unique scientific and educational value. In June 2003 the Barringer family celebrated the centennial of Daniel Moreau Barringer's acquisition of the crater.

*The Barringer Meteorite Crater.  
Inset: Clare Schneider '84 and her husband Drew Barringer*



## ITINERARY

### DAY 1 October 15, 2004

Welcome Wesleyan alumni, parents, and friends. Reacquaint yourself with old friends and meet a few new ones at a welcome reception and cocktail hour at the Little America Hotel in Flagstaff, a lovely resort nestled among the ponderosa pines at the base of Arizona's highest mountains, the San Francisco Peaks. Next, you are invited to a private banquet prepared by the Hotel's award-winning chefs. After dinner, settle into the deluxe accommodations at the Little America Hotel and prepare for the exciting days ahead.

### DAY 2 October 16, 2004

Good Morning! Enjoy a hearty breakfast with your travel companions and get ready for an eventful day. We begin the day at Meteor Crater, the world's "best-preserved and first-proven meteorite impact site." Unlike other visitors, you will have the opportunity to explore the floor and the rim of the crater with a world-renowned impact scientist.

After lunch at the crater, you will be off to visit historical Walnut Canyon National Monument, where you will enjoy a short hike and experience ancient cliff-dwellings, a stream cut gorge, and the abundant natural beauty that surrounds them.

Tonight, you will be whisked back in time at Black Bart's Steakhouse Saloon & Revue, where you can enjoy the Wild West atmosphere, singing wait-staff, and famous oak-broiled steaks.

To bid the day farewell, you are invited to either retire to the comforts of Little America or join us in experiencing the vastness of our universe at Lowell Observatory, the very site where the planet Pluto was discovered. After a tour of the facilities, view the night sky through the historic 24-inch Clark telescope.

### DAY 3 October 17, 2004

Today you will be introduced to Northern Arizona at its very best, with a scenic drive through forests of brilliant yellow aspens at peak foliage to the Grand Canyon, a site that attracts millions of visitors each year with its breathtaking landscapes, intriguing history, and lessons on wildlife, vegetation, and arid-land erosion. Upon arrival, you may choose to walk partway down into the canyon with our guides and study leaders, or you can take a tour of this World Heritage Site from the comforts of a shuttle bus. We will return to Little America by late afternoon, so that you will have time to relax before we meet for the festive dinner program with special guests, planned for our final evening.

### DAY 4 October 18, 2004

Good Morning! Join us for closing remarks, last stories, and a special farewell breakfast with Wesleyan friends.

## LOCAL TRANSPORTATION

Group transportation will be provided from Little America Hotel to and from all destinations specified on the trip itinerary including Meteor Crater, Walnut Canyon, the Lowell Observatory, and the Grand Canyon. Transportation will be by chartered coach bus or vans, based on the number of travelers.

## STUDY LEADERS

### DR. PETER C. PATTON



Peter Patton is professor of earth and environmental sciences at Wesleyan University. He received his bachelor's degree from Franklin and Marshall College, his master of science degree from Colorado State University and his doctorate in geology from the University of Texas at Austin.

Dr. Patton has been a member of the Wesleyan faculty since 1976 and also currently serves as the Vice President and Secretary of the University. His research interests are in the general field of geomorphology, and he has received funding from NASA, the National Science Foundation, and the Long Island Sound Research Fund. He has studied the impact of catastrophic floods on river systems and the geologic history of river systems in semiarid climates. For nearly a decade he studied the geomorphology of the Escalante River basin on the northern Colorado Plateau. Locally, his research has focused on the hydrology and geomorphology of the Connecticut and Housatonic estuaries and the geologic development of the small coastal coves on the Connecticut shoreline. In addition to his publications in scientific journals, he co-authored *A Moveable Shore: The Fate of the Connecticut Coast*.

### DR. DAVID A. KRING



David Kring's study has focused on primitive meteorites and the origin of the solar system, but he is best known for his studies of impact craters. He was part of the team that discovered the Chicxulub impact crater on the Yucatán Peninsula, Mexico, which has been linked to the extinction of dinosaurs and over half of the plants and animals that existed on earth 65 million years ago. He is currently one of the leading scientists trying to understand how impact cratering events

can alter Earth's climate. One of his recent papers reconstructs the destructive effects of the airblast that radiated away from the Meteor Crater impact site in Northern Arizona. He has written a book for the general public about the violent volcanic eruptions that produce huge volcanic calderas and has been actively engaged in communicating scientific issues to the public through a variety of print, radio, and television forums, including the Discovery Channel, Learning Channel, History Channel, and PBS.

