A total eclipse of the Sun occurs when the Moon gets between the Sun and the Earth and covers up the Sun. It just so happens that the Moon, as seen from Earth, and the Sun, as seen from Earth, are the same size in the sky. So if the two are exactly lined up, the Moon can hide the Sun from our sight. This allows us to see the Sun's corona, which appears as a beautiful ring of light around the edge of the dark Moon. The sky becomes so dark that the stars become visible, birds stop chirping because they think it is time to roost, and people have an eerie sense of it being night in the middle of the day. Many people feel that this is one of the most beautiful natural sights and worth seeing at least once in a lifetime.

*From the National Science Teachers’ Association observer guide*
Kevin McKeegan is a cosmochemist and professor in the Department of Earth, Planetary, and Space Sciences. To better understand the origin and evolution of our solar system, he examines many types of extraterrestrial samples, including meteorites, cosmic dust, and samples of both the Moon and the Sun (really!) returned to Earth by NASA missions. He is thrilled to be part of the UCLA eclipse expedition and is eager to share his knowledge about the Moon, the Sun, eclipses, and what we learn about Earth from studying other pieces of the solar system.
Join UCLA Alumni Travel to view the total solar eclipse in one of the premier viewing locations in the country! On Monday, August 21, 2017, a total eclipse of the Sun will be visible in the continental United States for the first time in almost 40 years. A total eclipse is when the Sun is completely hidden by the Moon, the sky becomes dark, and the Sun’s faint atmosphere (corona) becomes visible—looking like a beautiful halo. This total eclipse will only be visible on a narrow track stretching across the United States from Oregon to South Carolina. UCLA has secured exclusive use of the luxurious South Fork Lodge in Swan Valley, Idaho, which is precisely located in the path of totality of the 2017 solar eclipse, ensuring optimal viewing conditions for this rare and exciting astronomical event.

A full day guided tour of Grand Teton and Yellowstone, alongside Natural Habitat Adventure’s naturalist Expedition Leaders, will leave UCLA travelers with a deeper understanding of two of America’s most renowned National Parks. When President Theodore Roosevelt visited Yellowstone National Park in 1903, he proclaimed it “absolutely unique in the world.” Embracing the idea of natural beauty as a national asset, he championed the idea of national parks, building a priceless legacy for generations to follow. In the northwest corner of Wyoming, these two treasured parks offer a classic experience as captivating today as in Teddy’s time. From wildlife to waterfalls, smelling sage and looking up at the stars, Yellowstone Country still works strong magic.

### Daily Itinerary

#### Day 1, Friday, August 18: Jackson, Wyoming

The trip begins on arrival in Jackson, the town on the edge of Grand Teton National Park that’s world-famous for its cowboy heritage and Old West personality. UCLA travelers will have the option to meet the complimentary NHA shuttle at the airport at a pre-determined time and transfer to South Fork Lodge, our luxurious and quintessentially western accommodation for the next four nights.

Our spectacular lodge in Swan Valley, Idaho rests on the South Fork of Idaho’s Snake River, offering a most scenic and memorable venue for our exclusive UCLA eclipse experience.

After some time to settle into our rooms and freshen up, we will gather at 7pm to meet our fellow travelers and UCLA Professor Professor Kevin McKeegan, Department of Earth, Planetary, and Space Sciences, for a welcome dinner and introductions in the elegant lodge dining room. The Riverside Bar is sure to be bustling with excitement and UCLA guests may choose to gather on the patio for a nightcap.

#### Day 2, Saturday, August 19: Full day Grand Teton & Yellowstone National Park Adventure

After a sumptuous early breakfast, we’ll depart South Fork Lodge with our Natural Habitat Adventures Expedition Leaders and drive through the northern part of Grand Teton National Park, watching for elk and mule deer with their young. Airleaf balsamroot, blue bells, organ grapes and other wildflowers carpet the meadows in hues of yellow and blue that seem to become more saturated as the sun rises.

As we enter Yellowstone, our Expedition Leaders will share insight into the park’s history and geology. The U.S. Congress established the park in 1872, making it the first national park in the world. It spans 3,468 square miles (8,983 km2), but we’ll focus on the lower loop. First up is the most predictable geographic feature on the planet, Old Faithful, which dependably erupts about every 90 minutes—hence, its name. We’ll walk along wooden boardwalks to photograph the geyser and observe its accompanying hot pools and steam vents.

Gather for a picnic lunch at a scenic spot in the lower geyser basin and visit sites that display Yellowstone’s wonders. The park contains 10,000 geothermal features, accounting for half the world’s total. Also discover the Grand Canyon of the Yellowstone and its spectacular waterfalls.

Our return route will take us through the western portion of Yellowstone National Park and the Lamar Valley, which is well known for the wolf packs that have been reintroduced and now inhabit this area.

As the sun slides behind the peaks once more, we’ll return to the South Fork Lodge for cocktail hour and a gourmet dinner at our riverside paradise.

#### Day 3: Sunday, Aug. 20

Our day begins with another gourmet breakfast, followed by a morning lecture by Professor McKeegan on the nature of extraterrestrial materials. He’ll talk about NASA missions that collected samples of the Moon and of the Sun, and guests will get to hold in their hand samples of asteroids – rocks older than the Earth!

The rest of the day is free to relax and enjoy the spectacular setting of the lodge or sign up for an exciting array of optional activities offered by South Fork Lodge, at an additional cost:

- Full day guided fly fishing trips
- Guided whitewater rafting trips
- Horseback riding
- Scenic rafting in the park
- Guided hiking
- Guided mountain biking

Following dinner, we will gather for another informative and thought-provoking lecture by Professor McKeegan on the nature of the phenomenon of eclipses, including a discussion of thousands of “exoplanets”, planets orbiting around other stars, that were discovered when they produced eclipses with their host star!

#### Day 4: Monday, August 21: Total Solar Eclipse

This morning, we set up and test our equipment, review safety procedures, and get ready to observe the eclipse. Then, the show begins! At approximately 10:16am, a partial eclipse of the sun will begin. For the next 45 minutes, the moon will gradually obscure increasing fractions of the sun’s disk. At approximately 11:34am, totality will begin: the sun will be completely hidden by the moon, blocking out the majority of its light. For the next two minutes, the sun’s corona will be visible for the first time in the continental USA since 1979. We will view this phenomenon safely through eclipse glasses, which will be provided for all participants. Many people feel that a total solar eclipse is one of the most beautiful natural sights.

Convene for lunch following this natural spectacle to share stories of our experience with fellow travelers. The rest of the afternoon is free to enjoy the scenery and amenities of the South Fork Lodge.

Gather with our fellow Bruins this evening at a farewell dinner to celebrate having experienced the magic of a total solar eclipse together.

#### Day 5: Tuesday, August 22: Jackson / Home

Enjoy a final morning at the lodge and bid farewell to this spectacular spot. A group transfer is provided to the airport, as our UCLA Total Solar Eclipse event comes to a close. Note: Arrival and departure airport transfer times to be determined, based on 2017 flight schedules.

### Optional Activities

- Guided mountain biking
- Guided whitewater rafting trips
- Horseback riding
- Scenic rafting in the park
- Guided hiking
- Guided fly fishing trips
- Guided horseback riding
- Guided fly fishing trips
- Guided mountain biking
- Guided whitewater rafting trips
- Guided horseback riding
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South Fork Lodge
Our spectacular lodge in Swan Valley, Idaho has been secured on exclusive use for UCLA travelers. Located on the South Fork of Idaho’s Snake River, the lodge offers a most scenic and memorable venue for our UCLA eclipse experience. This stunning wilderness location offers a perfect blend of rustic elegance, outdoor activities and exceptional hospitality.

South Fork Lodge is an angler’s paradise, offering experienced guides, luxury accommodations and some of the best fly-fishing waters in the country. You may wish to book a day of guided fly-fishing or you might prefer whitewater rafting, horseback riding, a scenic raft float in the nearby National Parks or guided hiking and mountain biking.

Abundant bird life and perhaps even beaver or moose may be seen from the lodge. Kick off your boots and enjoy a relaxing drink as you sit back, shaded by towering cottonwood trees and overlooking the river! Wireless internet available in every room type.

Fisherman’s Cabins
Fisherman’s Cabins overlook the river, and have a shared deck with the other cabins. The cabins are furnished with one queen and a twin bed, refrigerator, microwave, sink, dresser and a full bathroom with shower-tub. Very limited availability.

Main Lodge Suites
Located within the main lodge, these suites provide rustic elegance with sweeping views of the Snake River, featuring private terraces. The suites are equipped with a refrigerator, coffee maker, bathrooms with shower/tub combos, and two queen beds, comfortably sleeping up to 4 guests.

Deluxe Suites
The deluxe suites are located within two story log cabins, adjacent to the casting pond with unparalleled Snake River views. The Family Suites with connecting doors are ideal for larger groups or families who wish to be together during their stay. Each luxurious room offers either two queen beds or one king bed, wood burning fireplaces, sitting area, private patio or balcony, refrigerator, and coffee maker. The spacious bathrooms offer a Jacuzzi bath tub and walk-in tile and glass shower as well as heated bathroom floors.

The River House
Located a mere 75 feet from the riverbank, the River House is ideal for families, sets of couples, or groups of up to six people. Equipped with a full kitchen; woodstove; family room w/pool table; BBQ and a deck with river view. Two queen bedrooms, one room with two twin beds, one room with one twin bed. River House has two full bathrooms.
Please reserve ___ place(s) on UCLA Total Solar Eclipse, August 18-22, 2017

Name: ____________________________________________

Date of Birth: ___________________________ Dietary Preference:  □ Regular  □ Vegetarian

Name: ____________________________________________

Date of Birth: ___________________________ Dietary Preference:  □ Regular  □ Vegetarian

*Street Address: ____________________________________________

City: ___________________________ State: _______ ZIP: ____________

Phone: ___________________________ Email: ___________________________

*PLEASE NOTE: Travelers not living at the same address must fill out separate reservation forms.

☐ Please call me to arrange air travel from my home city of: ____________________________.

Deposit Information:
$1,000 1st deposit (non-refundable) due at time of booking
$1,000 2nd deposit (non-refundable) due July 20, 2016
Final Balance due 90 days prior to departure (May 20, 2017)

☐ Check enclosed, payable to Natural Habitat Adventures
☐ VISA  ☐ MasterCard  ☐ American Express  ☐ Discover Card

Account #: ___________________________ CVV # _______ Exp Date: ___/___

Cardholder Name: ____________________________

PLEASE NOTE: Your final payment will be charged to your credit card at 90 days prior to departure. Should you prefer to pay by check, you must indicate your preference below.

☐ I will pay my final payment by check. Please do not charge my credit card for final payment.

Accommodations (Rates are per person, based on double occupancy)
$3,995 Fisherman’s Cabins
$4,295 Main Lodge
$4,495 Deluxe Suites
$4,495 River House

UCLA Alumni Travel
UCLA Alumni Travel is a benefit of membership in the UCLA Alumni Association. The Association requires a membership to use our services. All UCLA alumni are now members of the UCLA Alumni Association. You may invite up to three companions to travel with you as guests on your membership.

☐ Yes I am a member of the UCLA Alumni Association
☐ No, I am not a member. Please send me an application to join.

Cancellations
All cancellations by individual travelers must be made in writing and received in the NHA office. At the time NHA receives the cancellation request, the appropriate per person cancellation fees will be applied. Cancellation dates and fees are as follows:

- Within 90 days of departure (through May 19, 2017): $2,000, non-refundable 1st and 2nd deposit
- From 90 days to 45 days prior to departure (May 20, 2017 through July 4, 2017): 50% of program fee
- From 44 days prior through departure (on or after July 5, 2017): 100% of program fee

Weather Disclaimer: Historical records of cloudiness along the eclipse path show that the Snake River Plain is one of the best places to watch the eclipse. However, the amount of cloud cover is unpredictable and we can only hope for, not guarantee, a clear sky.

Waiver of Liability
I understand that by signing below I am acting for myself and for everyone in my party in acknowledging that the Refund & Cancellation Policy has been read and accepted. I also understand that I and everyone in my party will be required to sign a release of liability form prior to and/or during my trip. I give my permission for NHA to charge my final balance on my credit card at 90 days prior to departure, unless otherwise noted on this form. I also give my permission for NHA to use any image taken of me or anyone in my party by NHA or its affiliates for promotional purposes.

Signature: ___________________________________________ Date: ____________________________

Signature: ___________________________________________ Date: ____________________________

PLEASE NOTE: Each participant must sign this waiver.