TOTAL SOLAR ECLIPSE

Chile and the Skies of the Southern Hemisphere

December 6-17, 2020

WITH Edward W. (Rocky) Kolb
Arthur Holly Compton Distinguished Service Professor of Astronomy and Astrophysics
Join us during Chile’s summer on December 14, 2020, to witness a spectacular total solar eclipse with Edward W. (Rocky) Kolb, professor of astronomy and astrophysics at the University of Chicago and director of the Kavli Institute for Cosmological Physics. First, we’ll journey to La Serena in the north, where we’ll enjoy special access to Las Campanas Observatory, home to the Magellan Telescopes, and see the construction site of the future mega telescope, the Giant Magellan Telescope. Top this off with an evening visit to a well-equipped private observatory to observe the Magellanic Clouds and deep-sky spectacles such as the Tarantula Nebula.

Later we’ll visit Valparaíso, a historic port city and UNESCO World Heritage Site. To view the eclipse, we’ll journey south to Pucón, Chile’s Patagonian Lake District. Here we’ll explore the area’s national parks famed for their clear lakes, lush forests, flowing rivers and sensational views of the snow-capped volcano Villarrica. On the private grounds of our hotel overlooking Lake Villarrica we’ll witness approximately two minutes of totality. After the eclipse, we’ll celebrate at a hot spring. Conclude your adventure with lunch and a tasting of select vintages in the Casablanca Valley, Chile’s fastest growing wine region.

Space for this program is sure to fill quickly, so call today to secure your place on a unique tour to witness a spectacular total solar eclipse, the remarkable observatories of the Chile’s north and stunning landscapes of Chile’s Patagonian Lake District.

Best wishes,

Sarah Eichhorn
Assistant Director, Alumni Travel Program
The University of Chicago
Edward W. (Rocky) Kolb is the Arthur Holly Compton Distinguished Service Professor in the Department of Astronomy and Astrophysics and the College at the University of Chicago. He is currently the Director of the Kavli Institute for Cosmological Physics and a member of the Enrico Fermi Institute. Previously, he served as Dean of the Division of the Physical Sciences (2013–18) and Chair of the Department of Astronomy and Astrophysics (2006–12). At Fermi National Accelerator Laboratory, he was the Head of Theoretical Astrophysics and Director of the Center for Particle Astrophysics. He also served on the Board of the Giant Magellan Telescope Organization, an effort to build the world’s largest telescope in Chile. His teaching was recognized by the Quantrell Prize of the College, an Excellence in Teaching Award from the Graham School, and the Oersted Medal of the American Association of Physics Teachers. Among other honors, his research merited the Dannie Heineman award (shared with Michael Turner) from the American Astronomical Society and the American Institute of Physics. His book for the general public, Blind Watchers of the Sky, received the Eugene Emme Astronomical Literature Award. The field of Rocky’s research is the big bang and the evolution of the early universe.
**ITINERARY**

**DAY 1 SUNDAY, DECEMBER 6**  
**U.S.A. ● Santiago**  
Depart from your home city for Santiago, the capital of Chile.  
OVERNIGHT FLIGHT (MEALS ALOFT)

**DAY 2 MONDAY, DECEMBER 7**  
**Santiago**  
Arrive this morning in Santiago and transfer to our five-star hotel. An afternoon city tour will introduce us to this city at the foot of the Andes. This evening gather for an orientation and welcome dinner. RITZ CARLTON HOTEL (D)

**DAY 3 TUESDAY, DECEMBER 8**  
**Santiago ● La Serena**  
This morning fly north to La Serena and transfer to our hotel which overlooks the ocean. Enjoy a city tour of La Serena. Gather for dinner and an evening visit to a local observatory for stargazing. HOTEL COSTA REAL (B, L, D)

**DAY 4 WEDNESDAY, DECEMBER 9**  
**La Serena ● Elqui Valley**  
Today embark on a morning excursion to the Elqui Valley with Pisco tasting at a local distillery. Lunch at a local restaurant in Vicuna. Afternoon at leisure to explore La Serena. HOTEL COSTA REAL (B, L, D)

**DAY 5 THURSDAY, DECEMBER 10**  
**La Serena ● Las Campanas Observatory**  
Today we travel north of La Serena by road to Las Campanas Observatory (pending final confirmation) in the Chilean Andes for a day-long tour of the Magellan Project site and the two 6.5-meter optical telescopes that are housed there. The Giant Magellan Telescope (GMT) is also being constructed here which is scheduled to be completed in 2027. The GMT will use seven of the world’s largest mirrors as primary mirror segments, each 8.417 m (27.61 ft) in diameter and have a higher resolution than the Hubble or Webb Space Telescopes. Return to the hotel and take the evening at your leisure until dinner. HOTEL COSTA REAL (B, L, D)

**DAY 6 FRIDAY, DECEMBER 11**  
**La Serena ● Valparaíso ● Santiago**  
This morning we’ll fly from La Serena back to Santiago. Depart for a visit to the garden city of Viña del Mar and the historic port city of Valparaíso. In Viña del Mar stroll along the Avenida Peru and take in stunning ocean views. In the afternoon, continue to Valparaíso built in the 16th century on a total of forty-three hills. The city is now a UNESCO World Heritage site. Stroll through the Concepción and Alegre neighborhoods and ride the century-old hillside ascensores (elevators). Return to Santiago to our hotel. RITZ CARLTON (B, L)
DAY 7 SATURDAY, DECEMBER 12
Santiago • Temuco • Pucón
This morning we’ll fly south to Temuco and transfer to Pucón, a small town embedded in the Andes foothills and the site of the 2020 Eclipse. A city tour will introduce us to Pucón and Villarrica located on the shores of Lake Villarrica and the snowcapped Villarrica Volcano.
HOTEL CASA ESTABLE (B, L, D)

DAY 8 SUNDAY, DECEMBER 13
Villarrica Volcano & Lagoon
Today, we’ll enjoy a full-day excursion to Villarrica Volcano and Lagoon. A walk at the base of Volcano Villarrica will give you a beautiful view over the lakes Villarrica, Colico, Caburgua, and Calafquén. HOTEL CASA ESTABLE (B, PICNIC L, D)

DAY 9 MONDAY, DECEMBER 14
Eclipse Day • Pucón
Our hotel grounds in Pucón are conveniently situated close to the central path of the totality of the eclipse. At our private site overlooking the beautiful Lake Villarrica witness approximately two minutes of totality. Enjoy a buffet lunch served on-site. Later that day celebrate with an excursion to local thermal hot springs.
HOTEL CASA ESTABLE (B, L, D)

DAY 10 TUESDAY, DECEMBER 15
Pucón • Temuco • Santiago
Morning free to enjoy Pucón. Transfer to Temuco for a flight back to Santiago. Evening free in Santiago.
RITZ CARLTON (B, L)

DAY 11 WEDNESDAY, DECEMBER 16
Santiago • Casablanca Valley
This morning we’ll drive to the Casablanca Valley where renowned Chilean wines are produced. We’ll have our farewell lunch at the Kingston Family Vineyards. Learn how this American-owned vineyard has evolved into one of Chile’s hottest, award-winning boutique wineries. Afterward, we’ll transfer to Santiago’s international airport for overnight flights home. (B, L)

DAY 12 THURSDAY, DECEMBER 17
Arrive U.S.A.
Arrive in the U.S. and connect with flights home.

PROGRAM NOTE: Chile will be a prime location to experience the Total Solar Eclipse. We will provide an optimal viewing location to experience this phenomenon. Please keep in mind that viewing the eclipse will be weather dependent. Since we have no control over the weather, there is always a chance that we will not be able to view it or view it only for a short period of time. Also, we will be visiting working observatories located in remote regions of Chile, so our schedule will rely on precise timings. Keep in mind that unexpected schedule changes could affect the program. Your Travel Director will keep you fully informed of any changes to planned activities. A sense of humor, flexibility, and patience will be greatly appreciated during this program and especially on eclipse day!
WHAT TO EXPECT
This exclusive expedition is designed for the University of Chicago alumni and friends who are interested in learning about the astronomy of the Southern Hemisphere, experiencing a total solar eclipse and exploring the wildlife, geology, and superb natural landscapes of the Patagonian Lake District of Chile. In Santiago, temperatures in December range from 84°F in the day to 51°F at night. In the area of La Serena, temperatures generally range from 70°F to 56°F and average daily temperatures in the Lake District generally range from 70°F to 49°F. The Las Campanas Observatory is at 7,487 feet elevation. Walks will be from one to two miles and at times over rocky, and uneven terrain. The pace of the walks will be leisurely. Roadways can be narrow with steep ascents/descents and at times rocky, unpaved, and dusty. Drives can be up to three hours depending on the excursion. Clothing that can be layered, as well as sunblock, sun hat, sunglasses, and comfortable walking shoes with a sturdy tread, will be essential on this trip. Eclipse viewing glasses will be provided for the Eclipse Day. To enjoy this experience, participants must be in good physical and mental health and be able to keep up with the pace of the group. Since some travel will be in remote areas, everyone must be flexible concerning time schedules, food, insects, weather and dust. Program participants requiring extraordinary assistance must be accompanied by someone who can and will provide all required assistance. We describe this trip as relatively active. Travel is by jet aircraft and motorcoach.

PROGRAM COST INCLUDES
Trip scholar’s lectures and discussions • Accommodations and meals as specified in the itinerary • Wine and beer with welcome dinner and farewell lunch • Wine tasting and lunch at a Casablanca Valley vineyard • All land transportation • Four in-tour flights from: Santiago to La Serena, La Serena to Santiago, Santiago to Temuco, Temuco to Santiago, included at a cost of $575 per person; increases in the in-tour airfare after the initial pricing of this program are not included—see below • Professional guides and tour director throughout • Gratuities to local guides and drivers • Airport transfers for group flights • Domestic airport departure taxes • Entrance fees • Eclipse viewing site • Eclipse viewing glasses • Baggage handling • Pre-departure information.

PROGRAM COST DOES NOT INCLUDE
US domestic and international airfare • Passport Fees • Meals not specified in the itinerary • Personal items such as laundry, fax, e-mail, wi-fi or telephone calls • Alcoholic beverages not mentioned above as included • Room service • Excess baggage charges • Private transfers • Medical expenses • Travel insurance • Deviations from the scheduled tour • Any increases in the in-tour airfare (included as part of the main program cost), security, or fuel surcharges imposed after the initial pricing of this program are not included.

PROGRAM COST
Land Program (Per person, double occupancy) ........... $9,775
Single Supplement (Limited availability) .................. $2,590

SAMPLE COACH AIRFARE
ORD / Santiago / ORD ................................................ $1,300
(As of July 2019, and subject to change)

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GENERAL INFORMATION

RESERVATIONS, DEPOSITS & FINAL PAYMENT: To reserve your space on this program, a $1,000 deposit is required per person. A second deposit of $2,000 per passenger will be due on or before December 9, 2019, and must be paid by check. Please fill out and mail, e-mail or fax the registration form to Royal Adventures, 9 Crow Canyon Court, Suite 205, San Ramon, CA 94583, fax 925.855.1909 or email to katie@royaladventures.com. The initial deposit of $1,000 may be charged to your credit card. All reservations are acknowledged in order of receipt. Final payment is due August 10, 2020, and must be paid by check. Royal Adventures handles all invoicing. CST #2009579-40

CANCELLATIONS AND REFUNDS: Cancellations must be received in writing by Royal Adventures from the participant. Cancellations within 14 days of booking; full refund; cancellations received on or after August 10, 2020 will be assessed a cancellation fee equal to the full amount of deposits paid. Cancellations received on or after August 10, 2020 are subject to 100% penalty of all deposits and payments, regardless of booking date. There are no refunds for unused meals, accommodations or other trip features.

CHANGES IN ITINERARY: The itinerary is subject to change at the discretion of the University of Chicago and the tour operator.

RATES: Tour costs are based upon current airfares, tariffs, and currency values. While we do everything possible to maintain the listed prices, they are subject to change.

INSURANCE: We highly recommend the purchase of trip cancellation insurance. An application for insurance will be provided by Royal Adventures upon confirmation. Neither the University of Chicago nor Royal Adventures accepts liability for any expenses incurred by tour participants in preparing for the tour.

RESPONSIBILITY: Royal Adventures, its owners and employees act only as an agent for the various independent suppliers and contractors providing transportation, hotel accommodations, restaurant and other services connected with this tour. Such travel and services are subject to the terms and conditions under which such accommodations, services, and transportation are offered or provided, and the University of Chicago and Royal Adventures and their respective, employees, agents, representatives, and assigns accept no liability therefor. The University of Chicago and Royal Adventures assume no liability for any injury, damage, loss, accident, delay or other irregularity which may be caused by the defect of any aircraft, vehicle or the negligence or default of any company or person engaged in carrying out or performing any of the services involved. Additionally, responsibility is not accepted for losses, injury, damages or expenses of any kind, including without limitation, those resulting from illness, bites or attacks by animals, insects or pests, weather, earthquake, floods, strikes, local laws, hostilities, wars, terrorist acts, acts of nature, force majeure, injury including: eye injury, altitude-related sickness, the lack of availability of medical attention or quality thereof or other such causes. All services and accommodations are subject to the laws of the country in which they are provided. The University of Chicago and Royal Adventures reserve the right to make changes in the published itinerary whenever, in their sole judgment, conditions warrant, or if they deem it necessary for the comfort, convenience or safety of the tour participants. They reserve the right to withdraw this tour without penalty, in which case participants will be issued a full refund, except if the tour is canceled due to force majeure, or other forces beyond our control in which case the recoverable portion of unused services or accommodations will be refunded. The right is also reserved to decline to accept or retain any person as a member of the tour or to substitute another qualified leader or special guest. Baggage and personal effects are the sole responsibility of the owners at all times. The price of the program is given in good faith based upon current tariffs and rates and is subject to change. Any tariff, exchange rate, or fuel increases will be passed onto participants. The University of Chicago and Royal Adventures do not accept the liability for any airline cancellation penalty incurred by the purchase of a nonrefundable airline ticket. The air ticket when issued shall constitute the sole contract between the passenger and the airline concerned. All cancellations must be made in writing. There are no refunds for unused meals, accommodations or other features. Because the total solar eclipse will be weather dependent, there is always a chance that passengers will not be able to view it or only for a short period of time. Neither Royal Adventures, nor the University of Chicago makes any guarantees as to the viewing of the total solar eclipse. As part of the consideration and right to participate in this tour each participant will be asked to sign a liability release.

DISCLAIMER: Every reasonable effort has been made to ensure the accuracy of the information presented in this publication. Neither the University of Chicago nor Royal Adventures is responsible for errors in or damages resulting from use of the information contained herein. Information contained in this brochure is subject to change.

QUESTIONS: Please contact Sarah Eichhorn at seichhorn@uchicago.edu tel. 773.834.8340 or Royal Adventures at info@royaladventures.com tel. 1.800.453.4754.

SIGNATURE DATE

RESERVATION FORM

THE UNIVERSITY OF CHICAGO Alumni Association

TOTAL SOLAR ECLIPSE
Chile and the Skies of the Southern Hemisphere

Enclosed is my deposit for $ ________ ($1,000 per person) to hold ________ place(s) on Total Solar Eclipse: Chile and the Skies of the Southern Hemisphere with the University of Chicago Alumni Association departing December 6, 2020. Cost is $9,775 per person, double occupancy; land only. International airfare is NOT included. A second deposit of $2,000 per person is due December 9, 2019. Final payment is due August 10, 2020.

Please authorize credit card payment below or make a check payable to Royal Adventures (CST#2009579-40) and send along with completed reservation form to Royal Adventures, 9 Crow Canyon Court, Ste. 205, San Ramon, CA 94583 or Fax 925.855.1909.

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I/We have carefully read the Program Cost, General Information and Responsibility sections of this brochure and agree to their terms on behalf of myself and of my party named above.

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SIGNATURE DATE

SIGNATURE DATE
TOTAL SOLAR ECLIPSE
Chile and the Skies of the Southern Hemisphere  December 6–17, 2020

HIGHLIGHTS
• OBSERVE the 2020 Total Solar Eclipse at a private viewing site just outside of Pucón, Chile overlooking Lake Villarrica.
• GO BEHIND-THE-SCENES with special entry to Las Campanas Observatory, to see its two 6.5-meter Magellan telescopes and observe the construction site of the Giant Magellan Telescope, one of the few super giant earth-based telescopes being built. (pending final confirmation)
• MARVEL at dazzling night skies at a private observatory outside La Serena.
• TOUR Chile’s Lake District known for its sapphire lakes, lush forests, and snow-capped volcanos.
• SPEND A DAY in Chile’s wine country and tour a Pisco distillery.

WITH Edward W. (Rocky) Kolb
Arthur Holly Compton Distinguished Service Professor of Astronomy and Astrophysics