On July 2, 2019, join Cal Discoveries Travel and friends to witness a total solar eclipse at a unique location—the north of Chile, home to world-class astronomical observatories. In the company of Gibor Basri, Professor of Astronomy at UC Berkeley, enjoy special access to state of the art observatories in the desert including: the Atacama Large Millimeter/submillimeter Array, or ALMA, the world’s most powerful radio telescope, Paranal, home to the Very Large Telescope, and the Gemini South Telescope, an 8.1-meter telescope. Your journey also includes an exploration of the Atacama Desert with some of the most extraordinary landscapes of our planet—volcanoes, evaporated salt lakes, lagoons and hot springs as well as a host of animal life. Top this off with stargazing in the Southern Hemisphere. Visit the Elqui Valley, a pisco distillery and Isla Damas part of the Humboldt Penguin National Reserve. Conclude your adventure with lunch and a tasting of select vintages in Chile’s Maipo Valley wine-producing region.

ITINERARY - 2019

**Monday, July 1**
**Antofagasta / La Serena**
Visit to the Paranal Observatory, site of the Very Large Telescope (VLT). Fly to La Serena.
*Hotel Diego de Almagro La Serena (B,D)*

**Tuesday, July 2**
**La Serena / Vicuña**
Travel to Vicuña. City tour of Vicuña. Transfer to eclipse viewing site.
*Hotel Diego de Almagro La Serena (B,L,D)*

**Wednesday, July 3**
**La Serena / Gemini Visit**
This morning visit the Gemini South Telescope, an 8.1 meter telescope located at an elevation of 8,900 feet above sea level. Later visit the adjacent Southern Observatory for Astrophysical Research Telescope (SOAR), a high-performance modern 4.1 meter aperture astronomical telescope. Afternoon tour of the Elqui Valley and Pisco distillery.
*Hotel Diego de Almagro La Serena (B,L,D)*

**Thursday, July 4**
**La Serena / Santiago**
Excursion to Isla Damas to see the penguins and other marine and bird life. Late afternoon flight to Santiago.
*Plaza el Bosque Ebro Hotel (D)*

**Friday, July 5 - Saturday, July 6**
**Santiago / USA**
Explore the beautiful valleys and wineries of Chile’s central region. Lunch at the historical Viña Santa Rita. Late afternoon transfer on July 5th to airport for overnight flights home. (B,L)
TOUR PRICE INCLUDES:
- Three in-tour flights
  Santiago/Calama, Antofagasta/La Serena and La Serena/Santiago.
- Tour Director throughout.
- Deluxe first-class accommodations.
- Special access to see the observatories.
- Meals as noted in itinerary.
- Welcome and farewell receptions.
- Lectures and presentations.
- Eclipse viewing site.
- Eclipse glasses.
- Professional English speaking guides.
- Tips to local guides, service charges and taxes.
- Baggage Handling.

COSTS

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<th>Single Supplement (Approximately)</th>
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PRE-REGISTRATION FORM

Please mail or fax your pre-registration form and deposit information to: Cal Discoveries Travel | Cal Alumni Association, 1 Alumni House Berkeley, CA 94720-7520. FAX: 510.642.6100

Enclosed is my deposit for $_________ ($1,000 per person) for ______ person/s. This secures our space on the following tour:
Total Solar Eclipse: Chile and the Skies of the Southern Hemisphere, June 25 - July 6, 2019. Please charge my deposit to: □  AMEX  □  VISA  □  MasterCard  □  Discover

Card # ________________________________________ Expiration Date ________________ Security code______________

I/we understand that I will be contacted once the final pdf brochure for the tour is available online, and will be given the opportunity to cancel within 14 days of notification, without penalty. I also understand that billing and a complete confirmation packet, including information about optional trip insurance and travel protection will follow once I convert this preliminary registration into a confirmed booking. As part of the consideration and right to participate in this tour, each participant will be asked to sign a liability release.

Passport Name _____________________________________ Date of birth__________________ Gender ______ Cal Class Yr.______

Passport Name _____________________________________ Date of birth__________________ Gender ______ Cal Class Yr.______

Street Address____________________________________________ City __________________ State ______ ZIP __________

Phone: Primary(   ) _________________ Cell (    ) ___________________ E-mail ___________________________________

CAA MEMBERSHIP POLICY One traveler per room, whether an alumni or friend, must be a current Cal Alumni Association member at the time of departure to participate in Cal Discoveries Travel offerings. Payment of $60 for seniors 65 years and over and $75 for others establishes a regular or affiliate membership with all other Association benefits. Memberships are for individuals only, and are non-refundable and non-transferable. A traveling pair and their children under 21 years of age may travel on one membership. Please make dues payable to CAA by separate check, or, if you prefer, provide a Visa, MasterCard, Discover, or American Express number with expiration date for payment. You can also enroll online at alumni.berkeley.edu/join.

Cal Lecturer: Professor Gibor Basri

Gibor Basri received his B.S. in Physics from Stanford University (1973) and a Ph.D. in Astrophysics from the University of Colorado, Boulder (1979). An award of a Chancellor’s Postdoctoral Fellowship then brought him to the University of California, Berkeley. He joined the faculty of the Berkeley Astronomy Department in 1982, and became a full professor in 1994. A thread that runs through all his areas of research is magnetic activity on the Sun and other stars. He was a discoverer of and early pioneer in the study of brown dwarfs, has studied star formation, and been active in the debate on “what is a planet?”. Professor Basri has extensively used telescopes at the Lick and Keck Observatories, along with space telescopes. He was a Co-Investigator on NASA’s Kepler mission, which has revolutionized our knowledge about exoplanets. In 2007 he also became the founding Vice Chancellor for Equity and Inclusion at UC Berkeley, and in 2015 he received the Berkeley Citation (campus’ highest honor) upon retiring. In 2016 he received the Carl Sagan Award for Popularizing Science. He is still very active with students and research, currently utilizing Kepler photometry to understand starspots.

Sponsored by Cal Discoveries Travel. For details call 510.900.8222 or 888.225.2586 or email caldiscoveries@alumni.berkeley.edu