EXPEDITION TO ANTARCTICA

ABOARD THE EXCLUSIVELY CHARTERED, FIVE-STAR LE SOLÉAL

WITH DANIEL J. JACOB, VASCO MCCOY FAMILY PROFESSOR OF ATMOSPHERIC CHEMISTRY AND ENVIRONMENTAL ENGINEERING

January 11–24, 2018
“EVERYTHING WEARS AN ASPECT OF UNREALITY,”
ERNEST SHACKLETON WROTE. “ICEBERGS HANG
UPSIDE DOWN IN THE SKY; THE LAND APPEARS AS LAYERS
OF SILVERY OR GOLDEN CLOUD. CLOUD-BANKS LOOK LIKE
LAND, ICEBERGS MASQUERADE AS ISLANDS...”

In a place where humpback whales, leopard seals, and
Adélie penguins mingle amid turquoise glaciers and
sparkling icebergs, discover the grandeur of nature in its most
pristine form. From the long sunrises that paint the icescape
in pink and gold to the lingering light of the austral summer,
Antarctica’s spectacular illuminations reveal the marvels of the
most unique place on Earth to those fortunate enough to visit.

On this extraordinary 14-day program, retrace the
sea-lanes traveled by storied explorers Ernest Shackleton,
Roald Amundsen, and Robert Falcon Scott as they sought out
the final frontier of “The White Continent” during a nine-night
cruise aboard the five-star, ice-class LE SOLÉAL, one of the finest
vessels plying Antarctic waters.

The onboard expedition team of expert naturalists will guide
you on excursions aboard sturdy Zodiac craft to explore the
intricate ecosystems and the nuances of the abundant wildlife
found ashore, especially penguins and seals, who have no fear
of humans.

THIS IS A CO-SPONSORED PROGRAM: Yale University,
Duke University, and the University of California, Berkeley.
Daniel J. Jacob is the Vasco McCoy Family Professor of Atmospheric Chemistry and Environmental Engineering in the School of Engineering and Applied Sciences and the Department of Earth and Planetary Science at Harvard. He grew up in the U.S., France, and Switzerland. He received his B.S. (1981) in Chemical Engineering from the École Supérieure de Physique et Chimie in Paris and his Ph.D. (1985) in Environmental Engineering from Caltech. He came to Harvard as a postdoc in 1985 and joined the faculty in 1987. He teaches atmospheric science at all levels at Harvard.

Dr. Jacob’s research focuses on understanding the composition of the atmosphere and how it is affected by human and natural processes. It addresses a range of environmental issues related to air pollution, the ozone layer, ecosystems, and climate change. Dr. Jacob developed some of the first global mathematical models of atmospheric composition and has been a pioneer in the interpretation of satellite data. He has led NASA aircraft missions in many regions of the world, from the Arctic to Antarctica. He is recipient of the NASA Distinguished Public Service Medal (2003). He has mentored in research a large number of Harvard undergraduates, graduate students, and postdocs over the course of his career.

Antarctica fascinates atmospheric scientists and Dr. Jacob is no exception. It is the most remote of continents and yet it is highly sensitive to environmental change. Dr. Jacob will share his fascination through lectures explaining how Antarctica has the cleanest air on Earth, how the ozone hole developed and the success of global action, and how Antarctica plays a particular role in climate change.

P. Dee Boersma is the Wadsworth Endowed Chair in Conservation Science in the University of Washington’s Department of Biology, where she heads the Center for Penguins as Ocean Sentinels. For 30 years, in her role as a scientific fellow for the Wildlife Conservation Society, she has directed the Magellanic Penguin Project at Punta Tombo, Argentina. Dr. Boersma has served on numerous national and international leadership and advisory positions including as a Founder of the Global Penguin Society. Her research began on the Galápagos Islands, where she studied how the breeding biology of penguins was honed to unpredictable ocean water conditions.

Scheduled guest speakers may be altered due to circumstances beyond our control. See General Information section.
THURSDAY, JANUARY 11
U.S. Depart the U.S.

FRIDAY, JANUARY 12
BUENOS AIRES, ARGENTINA Arrive in cosmopolitan Buenos Aires and check into the five-star InterContinental Buenos Aires Hotel, ideally located in the historic San Telmo neighborhood. This evening, attend the Welcome Reception. (R)

SATURDAY, JANUARY 13
BUENOS AIRES Birthplace of the tango, Buenos Aires is a city of diverse and dynamic barrios (neighborhoods). See the colorful La Boca district, Monserrat’s grand public buildings, historic Plaza de Mayo, Palermo’s lavish parks, Puerto Madero’s lively riverfront community, and the charming old quarter of San Telmo. Visit the city’s historic Recoleta Cemetery, famous for its ornate vaults and sculptures and as the final resting place of the legendary Eva Perón, the former First Lady of Argentina. (B)

SUNDAY, JANUARY 14
BUENOS AIRES / USHUAIA This morning, fly to remote Ushuaia, the world’s southernmost city, capital of Tierra del Fuego, and gateway to Antarctica. Embark Le Soleal and cruise through the Beagle Channel, named for the ship that carried Charles Darwin on his South American voyages.

Attend the Captain’s Welcome Reception this evening. (R, L, D)

MONDAY, JANUARY 15, TO TUESDAY, JANUARY 16
CRUISING DRAKE PASSAGE Cross the legendary Drake Passage and, upon reaching the Antarctic Convergence, watch for breaching fin and humpback whales and seabirds feeding on plankton and krill brought to the surface by cold Antarctic currents merging with warmer waters of the South Pacific and Atlantic Oceans. The expedition team of naturalist guides will present insightful lectures to prepare you for your first landing in Antarctica. (2R, 2L, 2D)

Please note that the ship’s cruising pattern and positionings are dependent on weather, ice, and sea conditions and are subject to change.

WEDNESDAY, JANUARY 17, TO SUNDAY, JANUARY 21
CRUISING ANTARCTICA Cruise below the 60th parallel south to the outer shores and islands of the Antarctic Peninsula. Explore some of the world’s most pristine wilderness, where mountains of ice and volcanic rock create precipitous coastlines and islands, and ever-changing patterns of ice stretch as far as the eye can see. In this seemingly harsh environment, a vast array of marine wildlife flourishes, including millions of penguins, countless seabirds, and thousands of seals and whales. From spectacular volcanic topography and majestic glaciers to fascinating wildlife and historic outposts, this itinerary reveals the highlights of Earth’s most inaccessible continent for the complete Antarctic experience.

Cruise through breathtaking, glacier-lined Neumayer Channel to Port Lockroy, originally constructed in 1944 by an eight-man team as an intelligence post for British espionage during World War II and later converted into a whaling station and scientific base in the 1950s. It is nestled among glistening mountain peaks as high as 6,000 feet, and the surrounding grounds are populated by blue-eyed shags and gentoo penguins. Gain insight into the daily activities of past researchers at the living museum known as “Base A” and mail a postcard stamped with an Antarctica postmark from the official British Post Office.

Just beyond Port Lockroy, the rocky shores of Jouglar Point on Wiencke Island offer a rare opportunity to view the skeletal remains of an adult blue whale and to see populous colonies of gentoo penguins and kelp gulls. Call at Petermann Island, the southernmost point of your journey, and watch its thriving rookeries of Adélie and gentoo penguins and blue-eyed shags.

Listen for the low rumbling of Rudolf Glacier as it calves chunks of ice into Neko Harbor, named for an early 20th-century whaling boat. The harbor is surrounded by soaring glaciers and snow-covered mountains and is one of the most dramatic and spectacular sights in Antarctica. Here, make your first “continental landing” in Antarctica.

FOR DETAILED ITINERARIES VISIT ALUMNI.HARVARD.EDU/TRAVEL
In **Paradise Bay**, cliffs of ice descend from the surrounding iceberg-laden waters along the western coast of the Antarctic Peninsula. Named by 19th-century whalers who sought shelter in its coves, Paradise Bay is an ideal sanctuary for marine wildlife including humpback whales, crabeater seals, and Cape petrels.

**Deception Island** is actually the rim of a massive dormant volcano crater that encircles a caldera known as Port Foster, where the ship enters through Neptune’s Bellows, a harbor ringed by snowcapped peaks and sheer cliffs.

In **Pendulum Cove**, see the steaming, geothermally heated waters of the Antarctic. Observe the colony of tens of thousands of chinstrap penguins at Baily Head. Then walk along the black sand beaches of Telefon Bay to nearby craters, which offer fascinating insight into the volcanic activity that created the island and played a pivotal role in the natural history of the region.

One of the smallest but most beautiful of the South Shetland Islands, **Half Moon Island** is a crescent-shaped isle known for its craggy volcanic rock formations and tranquil lagoons. It is also the site of Cámara Station, a base monitored by Argentine biologists studying regional wildlife. Here, observe the antics of the island’s colony of chinstrap penguins and enjoy the lingering twilight of the Antarctic summer.

Relax and reflect on board as the ship turns north and attend the Captain’s Farewell Reception.

**MONDAY, JANUARY 22**

**CRUISING DRAKE PASSAGE / USHUAIA, ARGENTINA**

Cross the Drake Passage and enjoy lively, informative discussions with the ship’s naturalists. Watch for endangered albatross and the many different species of petrels as you cruise across the Antarctic Convergence.

**TUESDAY, JANUARY 23**

**USHUAIA / BUENOS AIRES**

Disembark and fly to Buenos Aires. Continue on the Iguazú Falls Post-Program Option with an overnight stay in Buenos Aires or depart for the U.S. (e)

**WEDNESDAY, JANUARY 24**

**U.S.**

Arrive in the U.S.

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**WHAT IS INCLUDED:**

- Flights from Buenos Aires to Ushuaia with return to Buenos Aires
- Enrichment program of lectures and discussions by Daniel J. Jacob, P. Dee Boersma, and expert naturalists
- Nine-night cruise aboard the five-star **Le Soleal**
- Complimentary alcoholic and nonalcoholic beverages are served throughout the cruise
- Exploration by Zodiac landing craft, accompanied by an expert naturalist guide from the expedition team
- Two nights in the five-star **InterContinental Buenos Aires Hotel**
- All activities, excursions, entrance fees, and meals per detailed itinerary
- Taxes and gratuities to ship personnel, guides, and drivers
- Services of a tour manager throughout the program
- Souvenir polar-grade red parka to wear
- Transfers and luggage handling abroad for participants whose arrival(departure(s) coincide with the scheduled group transfer(s)
- $200,000 emergency medical evacuation insurance

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**JANUARY 23 TO 27**

**IGUAZÚ FALLS POST-PROGRAM OPTION**

from $2,295 **DOUBLE OCCUPANCY**

from $2,995 **SINGLE OCCUPANCY**

The UNESCO World Heritage site of Iguazú Falls is one of the world’s most incredible natural wonders. Spanning nearly two dramatic miles of the Brazil-Argentina frontier, more than 275 spectacular waterfalls cascade from as high as 270 feet down verdant cliffs in one of South America’s last remaining virgin rainforests. Nearby, visit the lush Parque das Aves jungle reserve, a nature lover’s paradise, home to more than 350 species of birds, 66 varieties of mammals and a mind-boggling array of reptiles, fish, butterflies, and flora.

This exclusive three-night Post-Program Option features one night of accommodations in the five-star **InterContinental Buenos Aires Hotel** and two nights in the five-star **Sheraton Iguazú Resort & Spa**. Buenos Aires round-trip airfare is included. Post-Program Option is available at additional cost. Details will be provided with your reservation confirmation.
TO BOOK A TRIP CALL 800-422-1636 OR VISIT ALUMNI.HARVARD.EDU/TRAVEL

YEAR CONSTRUCTION: 2013
OVERALL LENGTH: 466 feet

AMENITIES
This exclusively chartered ship offers 110 Suites and Staterooms (200 to 484 square feet). Each has a private bathroom with shower, two twin beds or one queen bed, individual climate control, satellite flat-screen television, wireless Internet access, minibar, writing desk/dressing table.

MAXIMUM PASSENGERS: 220

FLAG: French
full-length closet, safe, plush robe and slippers. Public facilities include the Panoramic Lounge, Main Lounge, state-of-the-art theater, beauty salon, library. Internet salon, Sun Deck, swimming pool, spa, Turkish bath-style steam room, full range fitness equipment, and two elevators. The ship has 10 Zodiaks.

TOUR COST INCLUSIONS: Taxes, flights from Buenos Aires to Ushuaia with return to Buenos Aires; all transfers and luggage handling aboard for all participants whose arrival(s)/departure(s) coincide with the scheduled group transfer(s); all activities, excursions, entrance fees, accommodation, and meals per detailed itinerary, gratuities to ship personnel, local guides, and drivers; tour manager throughout; $200,000 emergency medical evacuation insurance.

TOUR COST EXCLUSIONS: International airfare from the U.S.; baggage charges on aircraft; personal expenses such as laundry, telephone calls, and Internet access; accident/sickness, trip cancellation, and baggage insurance; gratuities to hotel personnel; obtaining visas; personal expenses such as laundry, telephone calls, and Internet access; associated local taxes, airport facility taxes, and federal inspection fees not listed in the “Inclusions” section; transfers and baggage handling to/from airport on day(s) of arrival and/or departure if you are arriving earlier or later than the scheduled group transfer(s); passport fees; visas and fees for the trip will result in forfeiture of 100% of the published full regular tariffs.

TOUR COST EXCLUSIONS: International airfare from the U.S.; baggage charges on aircraft; personal expenses such as laundry, telephone calls, and Internet access; accident/sickness, trip cancellation, and baggage insurance; gratuities to hotel personnel; obtaining visas; personal expenses such as laundry, telephone calls, and Internet access; associated local taxes, airport facility taxes, and federal inspection fees not listed in the “Inclusions” section; transfers and baggage handling to/from airport on day(s) of arrival and/or departure if you are arriving earlier or later than the scheduled group transfer(s); passport fees; visas and fees for

INCLUSIONS: Tours, transfers, local departure air taxes; associated local taxes, airport facility taxes, and federal inspection fees not listed in the “Inclusions” section; transfers and baggage handling to/from airport on day(s) of arrival and/or departure if you are arriving earlier or later than the scheduled group transfer(s); passport fees; visas and fees for

INSURANCE: We highly recommend the purchase of trip cancellation insurance. An application for insurance will be provided by Harvard Alumni Travels upon confirmation.

To reserve a space on this program,

Scarborough: $1,7145

Prestige Suite II*, $16,845

Two-room Stateroom with floor-to-ceiling sliding glass door, private balcony, shower, sitting area. Deck 6, Solstice. (limited availability)

Pricing is per person, dual occupancy and is subject to change. While the tour operator will do everything possible to maintain the published trip price, it may be necessary to institute a surcharge.

Changes in itinerary and costs: The itinerary is subject to change at the discretion of Harvard Alumni Travels and the tour operator. Ship schedules, port calls, hours of arrival and departure, sightseeing events, special programs and guest lecture series are subject to change or cancellation without prior notice. Harvard Alumni Travels and the tour operator are not responsible therefore and are not required to compensate passengers under these conditions. Deviations from the scheduled itinerary are at the expense of the individual. All prices quoted are based on prevailing fuel prices, airfare, and currency exchange rates in effect at the time of brochure printing. While every effort will be made to maintain the published trip price, it may be necessary to institute a surcharge.

Insurance: We highly recommend the purchase of trip cancellation insurance. An application for insurance will be provided by Harvard Alumni Travels upon confirmation.

Responsibility: Certain other provisions apply regarding limitations of liability and rights of Harvard Alumni Travels and the tour operator. The statement of responsibility is available at http://alumni.harvard.edu/travel/trips/antarctica-2018. If you are not able to access the Internet, please call Harvard Alumni Travels at 800-422-1636 or 617-496-0806.

Disclaimer: Every effort has been made to ensure the accuracy of information presented in this publication. Harvard Alumni Travels nor the tour operator 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 call Harvard Alumni Travels at 800-422-1636 or 617-496-0806, email: haatravels@harvard.edu.

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REGISTRATION FORM

To register, fill out this form and return to Harvard Alumni Travels with your deposit of $1,000 per person, plus $200 per person for Iguazú Falls Post-Program. Please note that for some programs an additional deposit may be requested after you book.

Please return this form by mail to:
Harvard Alumni Travels
124 Mount Auburn Street, 6th Floor, Cambridge, MA 02138
Or by FAX: 617-496-4011
Please call with any questions:
800-422-1636 or 617-496-0806

I AM NOT ABLE TO MAKE THIS TRIP, BUT PLEASE ADD ME TO YOUR MAILING LIST

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METHOD OF DEPOSIT

- [ ] CHECK (please enclose check)
- [ ] MASTERCARD
- [ ] VISA

CARD NUMBER

EXPIRATION DATE

3-DIGIT SECURITY CODE

NAME AS IT APPEARS ON CARD

I WVE CONFIRM THAT WE HAVE READ AND ACCEPT THE GENERAL INFORMATION FOR THIS TOUR, INCLUDING REFUNDS AND CANCELLATIONS AND THE RESPONSIBILITY CLAUSE AT ALUMNI.HARVARD.EDU/TRAVEL.

SIGNATURE

SIGNATURE

ACCOMMODATIONS

CATEGORY PREFERENCE

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- [ ] SHARE A ROOM WITH

ROOMMATE

EXTENSION PROGRAM

- [ ] I WOULD LIKE TO REGISTER FOR THE POST-EXTENSION TO IGUAZÚ FALLS.
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