On this truly once-in-a-lifetime voyage, crush through the ice on a Russian Artika-class nuclear-powered icebreaker to reach the North Pole—the pinnacle of Arctic expedition, where few people have stood. Admire soaring seabirds and spectacular Arctic scenery from Murmansk, Russia, to Franz Josef Land, and finally to the one spot on Earth from which every direction points south. 50 Years of Victory is currently the only icebreaker available for taking tourists to the North Pole, but it will be retiring from taking passengers at the end of 2015, so this might literally be your last chance.

STUDY LEADER: James J. McCarthy is Harvard's Alexander Agassiz Professor of Biological Oceanography. From 1982 until 2002 he served as director of Harvard’s Museum of Comparative Zoology. He was one of three U.S. scientists who had held leadership roles in the Intergovernmental Panel on Climate Change when it shared the 2007 Nobel Peace Prize. He also had major roles in the 2005 Arctic Climate Impact Assessment and the 2007 Northeast Climate Impacts Assessment. Appointed by President Obama to the U.S. Arctic Research Commission, he also serves as chair of the Board of Directors of the Union of Concerned Scientists. McCarthy has lectured on a dozen trips to the high Arctic.

A photo taken during his second visit to the North Pole, in July 2000, showing open water, appeared on the front page of the New York Times. Many readers first learned of the rapid decline in Arctic ice from this photo and accompanying story.

James will be accompanied by his wife, Sue. They were co-masters of Pforzheimer House from 1996 until 2009; and they have led many Harvard trips together.

SHIP SIZE: Up to 128 guests

CO-SPONSORS: Stanford University, featuring H. Craig Heller, the Lorry I. Lokey/Business Wire Professor of Biological Sciences and Human Biology at Stanford University.

PRICING: From $28,995 DOUBLE/$47,195 SINGLE
SCHEDULE BY DAY
B=Breakfast, L=Lunch, D=Dinner, R=Reception

Please note: This is the proposed itinerary as of July 2014. The actual itinerary (and described activities) may vary depending on the weather and the conditions of the sea at the time of cruising. Your expedition team and ship crew will keep you informed of any alterations to the program if necessary.

THURSDAY, JUNE 25
DEPART U.S. FOR HELSINKI
The program officially begins in Helsinki, Finland on June 26, but most participants will need to depart today. Please make your own air arrangements to Helsinki. Several overnight flight options are available.

FRIDAY, JUNE 26
HELSINKI
Upon arrival in Helsinki, make your way to the conveniently located airport hotel.
The program officially begins tonight at a welcome reception where you meet your fellow travelers.
Overnight: Helsinki Hilton Airport Hotel (R)

SATURDAY, JUNE 27
HELSINKI / MURMANSK
This morning return to the Helsinki airport for your charter flight to Murmansk, located in the far northwest of Russia—already within the Arctic Circle.
Board 50 Years of Victory, the world’s largest and most powerful icebreaker, and your home base for the next 11 nights.
This evening meet the captain and crew at a welcome reception onboard.
Overnight: 50 Years of Victory (B, L, R, D)

SUNDAY, JUNE 28-
WEDNESDAY, JULY 1
CRUISING THE ARTIC OCEAN
The crossing from Murmansk to the North Pole can take anywhere from 5 to 8 days, depending on ice and weather conditions. While the southern Barents Sea near Murmansk remains ice-free all year, you will soon see ice accumulating around the ship as you enter more northern latitudes. The experience of being on deck while Victory crushes through the Arctic pack-ice is unforgettable.

When you’re not on deck, you can spend the time relaxing, mingling with your fellow passengers, and enjoying the ship’s amenities. The educational program includes lectures by an expert team of onboard naturalists, as well as faculty lecturers from Harvard and Stanford.

If conditions are good, you may have the opportunity to take a flightseeing excursion via the onboard helicopter.
Overnights: 50 Years of Victory (B, L, D)
THURSDAY, JULY 2
90° NORTH

Today marks the anticipated arrival at the North Pole! The atmosphere will be festive as you disembark Victory and celebrate your moment at 90° North. There will be plenty of time for taking photos, enjoying a champagne toast—and perhaps taking the “polar plunge” into the icy waters. Lunch will be a specially-prepared barbecue on the ice.

Depending on the weather, an optional hot air balloon ride will be available at an extra charge.

Overnight: 50 Years of Victory (B, L, D)

SATURDAY, JULY 4-
SUNDAY, JULY 5
FRANZ JOSEF LAND /ARCTIC OCEAN

The northernmost archipelago in Eurasia was first reported in 1873 by an Austro-Hungarian North Pole Expedition and named in honor of Emperor Franz Joseph I. This group of 191 islands lies entirely within the Arctic Circle and is rarely visited due to its remote location. The islands have been a nature sanctuary since 1994 and became part of the Russian Arctic National Park in 2012.

Here you’ll explore Cape Flora on Northbrook Island and discover historic remains from three ill-fated Arctic expeditions. Other potential stops include Champ Island, where wildflowers bloom on the tundra; Apollonov Island, with its impressive walrus rookery; Hooker Island, where the very first polar station was built in 1929 and which is now home to a seabird rookery; and Cape Fligley, the northernmost point in Europe.

Search for walruses and polar bears during daily Zodiac excursions, and marvel at the towering cliffs where masses of seabirds nest.

Overnight: 50 Years of Victory (B, L, D)

FRIDAY, JULY 3
SOUTHBOUND IN THE ARTIC OCEAN

From this point there is nowhere to go but south. Victory begins its return journey through the ice, and the expedition focus turns to searching for wildlife. Keep an eye out for polar bears hunting on the pack ice for seals and for seabirds flying overhead.

Overnight: 50 Years of Victory (B, L, D)
MONDAY, JULY 6-
TUESDAY, JULY 7
SOUTHBOUND AT SEA
The lecture program resumes as you cross the Arctic Ocean back to Murmansk. Savor your last few days in the Arctic and relive your favorite moments with your shipmates and new friends.
Overnight: 50 Years of Victory (B, L, D)

WEDNESDAY, JULY 8
MURMANSK / DISEMBARK / HELSINKI, FINLAND
50 Years of Victory arrives at port in Murmansk this morning. After disembarking, transfer to the airport for your charter flight to Helsinki, Finland.
The program concludes tonight at a farewell reception followed by dinner at your hotel.
Overnight: Helsinki Strand Hotel (B, L, R, D)

THURSDAY, JULY 9
HELSTINKI / U.S.
Return to the Helsinki airport for your return flights to the U.S. (B)

50 Years of Victory
Your expedition vessel is the largest nuclear-powered icebreaker in the world and the first Arktika-class icebreaker to have a spoon-shaped bow.
Designed with a stainless steel ice belt that is 18 feet wide, 50 Years of Victory breaks through ice more than eight feet thick with ease.
A fleet of Zodiacs offers up-close encounters with wildlife and arctic scenery and an onboard helicopter allows the expedition staff and crew to navigate in advance of the ship.
Guests can also enjoy flightseeing by helicopter and gain a unique perspective overlooking the frozen landscape.
When not gazing out at the icy scenery, enjoy chatting over cocktails at the bar, swimming laps in the pool, or taking advantage of the onboard gym, saunas, and library.
Every cabin has an exterior view with private en suite facilities, television and individual climate control.

Victory is owned by Atomflot, a Russian company based in Murmansk that maintains the world’s only fleet of nuclear-powered icebreakers. Nine months of the year, Victory is a working vessel keeping shipping lanes open for other ships. As of 2016, Atomflot’s nuclear icebreaker fleet will no longer be available for passenger voyages due to the heavy increase in shipping traffic in the Russian Arctic waters.
TERMS & CONDITIONS

TOUR OPERATOR: Quark Expeditions (QEI)

SHIP SIZE: Up to 128 guests*

*Please note that this is a co-sponsored program. Harvard alumni will be joined by passengers from other organizations. Per Harvard’s agreement with Quark Expeditions, HAA must reach a minimum of 15 passengers in order to secure the participation of the HAA lecturer.

CO-SPONSORS: Stanford University

PROGRAM RATES:

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<thead>
<tr>
<th></th>
<th>Double Occupancy</th>
<th>Single Occupancy*</th>
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<tbody>
<tr>
<td>Standard Twin</td>
<td>$28,995</td>
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<tr>
<td>Mini Suite</td>
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<tr>
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<tr>
<td>Artika Suite</td>
<td>$42,995</td>
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*Please note single accommodations are very limited at the single occupancy rate. Additional singles can be accommodated at twice the double occupancy rate.

PROGRAM COST INCLUSIONS: 2 nights of hotel accommodations in Helsinki, Finland; 11-night cruise aboard 50 Years of Victory; round-trip charter flights between Helsinki, Finland, and Murmansk, Russia; 13 breakfasts, 12 lunches, and 12 dinners; welcome and farewell cocktail receptions; gratuities to guides, drivers, and ship crew for all group activities; all tours and shore excursions as described in the itinerary; transfers and baggage handling on program arrival and departure days; port fees and embarkation taxes; Russian visa (for U.S. citizens); expedition gear: waterproof boots on loan aboard the ship and complimentary expedition parka for guests to keep; shore landings included in daily program; group helicopter transfers and sightseeing flights included in the program (weather permitting); professional expedition leadership; formal and informal educational presentations by the expedition team; photographic journal on DVD; comprehensive pre-departure package; emergency evacuation insurance to a maximum benefit of $100,000 USD per person provided by Quark; additional emergency evacuation insurance to a maximum benefit of $200,000 USD per person provided by HAA

PROGRAM COST EXCLUSIONS: U.S. domestic and international airfare to Helsinki; passport fees and visa fees for non-U.S. citizens; meals and beverages other than those specified as included; independent and private transfers; optional excursions or deviations from the scheduled tour; excess baggage charges; trip cancellation / interruption and baggage insurance; laundry, room service, telephone /email / fax charges; and other items of a personal nature

AIRFARE: International and U.S. domestic airfare are not included in the program cost. In order to provide the greatest flexibility to participants, there are no designated group flights for this program. Neither the Harvard Alumni Association nor the tour operator accepts the liability for any airline cancellation penalty incurred by the purchase of a non-refundable airline ticket. The air ticket when issued shall constitute the sole contract between the passenger and the airline concerned.

WHAT TO EXPECT / PHYSICAL HEALTH: As your voyage will be operating in remote parts of the world, it is essential that you have a high level of mobility. You must be able to complete the on board safety drills and emergency evacuation procedures without the assistance of others. Rolling seas and windy conditions require you to be stable on your feet, especially when walking on slippery decks or up and down the steep gangway to your Zodiac.

Onshore, you must be able to walk moderate distances, unaided, over rough terrain (e.g. rocky, uneven beaches and occasional ice and snow in Franz Josef Land). Daytime temperatures range from the 40s (°F) to 60s in Helsinki and the sub-arctic region, and may drop to the 30s at and around the North Pole itself, although sunshine and low humidity create a very temperate atmosphere. Waterproof boots and a cold-weather parka will be provided to all
participants. Additional recommendations for expedition gear will be sent with confirmation.

Your ship will have an English-speaking doctor on board who manages a medical clinic that is stocked with a supply of common prescription medicines and basic first aid equipment. If you are under regular treatment for any ailment, you must bring a sufficient supply of medicines for yourself. We cannot accept responsibility for not having a specific brand or type of drug on board.

Medical forms will be sent to you after we receive your deposit for you to disclose relevant medical history and information. Should your medical situation change after submitting the forms, it is your responsibility to advise us immediately. Quark Expeditions will review the information submitted and reserves the right to ask for further information, clarity on information, or for documentation from your medical practitioner. Quark Expeditions reserves the right to deny passage to any traveler on reasonable medical grounds. For travelers that book within 120 days of departure, completed medical forms must be received within 7 days of making payment. Quark Expeditions reserves the right to deny boarding, without refund or resulting expenses, to any traveler at the pier for any reason at its sole discretion, including but not limited to in the event that the on board medical officer determines that the traveler has not disclosed accurate medical information.

PREPARING FOR YOUR JOURNEY: You will be provided with comprehensive pre-departure travel information, including specific suggestions for packing, a recommended reading list and amenities pack.

RESERVATIONS, DEPOSITS, & FINAL PAYMENT: To reserve a space on this program, an initial deposit of $2,500 per person is required. Please either call us at 800.422.1636 or 617.496.0806 or fill out and mail or fax the registration form (to 617-495-0434). Reservations are acknowledged in order of receipt until the maximum enrollment has been reached. Deposits may be made by check, payable to Harvard Alumni Association, or with a major credit card.

An additional deposit of $10,000 is due October 23, 2014.

Final payment is due February 26, 2015, 120 days before departure. For any booking within 120 days of departure, full payment is required.

Please note, late payments are subject to a penalty of $50 per person administration fee and 1.5% interest per month, or 18% per annum. Quark reserves the right to cancel any booking that is not paid within 120 days of departure or deny boarding on any unpaid balances.

All tour prices and airfares quoted are based on tariffs, costs, and exchange rates of the United States dollar that were in effect at the time of publication of the trip brochure. Consequently, prices herein are subject to change. Due to fluctuations in oil prices, a fuel surcharge may be added to your tour fee. Details and costs will be advised prior to departure.

CANCELLATIONS & REFUNDS: All cancellations must be made in writing to the offices of the Harvard Alumni Association. Cancellations received 180 days or more prior to departure, are refunded less an administrative fee of minimum $1,250 per person. If cancellation is received between 179 days and 120 days, the deposit is forfeited. If cancellation occurs less than 120 days prior to departure, all payments are forfeited. If full payment has not yet been received, the full penalty will still apply and any unpaid balance is due immediately.

INSURANCE: We highly recommend the purchase of trip cancellation insurance. An application for trip cancellation insurance will be provided by the HAA upon confirmation. The pre-existing medical conditions exclusion is waived if the insurance is purchased within 15 days of initial deposit. Neither the Harvard Alumni Association nor our tour operators, including their representatives, employees and agents, will take responsibility for any costs, losses incurred or suffered by the guest, or guests’ dependents or traveling companions, with regards to, but not limited to, cancellation or curtailment of the tour, emergency evacuation expenses, medical expenses, repatriation expenses, damage/theft/loss of personal baggage, money and goods. Nor do they accept liability for any airline cancellation penalty incurred by the purchase of a non-refundable airline ticket or other expenses incurred by tour participants in preparing for the tour.

EMERGENCY MEDICAL & EVACUATION INSURANCE: As a service to our travelers the HAA automatically provides emergency medical evacuation insurance. At the time of publication, this policy has the following schedule of benefits:
- $5,000 Accident/Sickness Medical Expense;
- $200,000 Emergency Medical Evacuation & Return of
Remains; $3,000 Emergency Reunion; $5,000 Accidental Death and Dismemberment

This insurance covers travelers for the HAA-sponsored program dates, but not for any extensions or independent travel plans. You will receive detailed information on this coverage approximately 30 days prior to your departure. Should you also purchase the Travel Insurance Select offered to you at confirmation, it will provide you with benefits which are additional to those stated above. This insurance is secondary to any insurance the traveler may already have.

CHANGES IN ITINERARY, PROGRAM AND COSTS:
The itinerary is subject to change at the discretion of Harvard Alumni Association and the tour operator. We reserve the right to change a program’s dates, staff (including study leader*), itineraries, or accommodations as conditions warrant. Deviations from the scheduled itinerary are at the expense of the individual. All prices quoted are based on prevailing fuel prices, airfares and currency exchange rates in effect as of July 2014 and are subject to change.

*In the event of a cancellation by the Harvard study leader, we will attempt to notify all travelers as soon as possible. We will make every reasonable effort to find a replacement study leader, but our ability to do so will depend on the availability of appropriate lecturers and proximity to the departure date. If we are not able to provide an appropriate substitute we will make every reasonable effort to provide other educational opportunities or program enhancements to ensure a viable travel study experience. Please note that all participants are bound to the cancellation fee schedule and other terms and conditions of the program regardless of whether or not a replacement study leader is found.

QUESTIONS Please call HAA Travels at 800.422.1636 or 617.496.0806, or email us at haatravels@harvard.edu

TOUR OPERATOR RESPONSIBILITY: QEI purchases transportation, hotel accommodations, and other services from various independent suppliers that are not subject to its control. Neither QEI, its affiliates, owners, officers, agents, employees, contractors, nor any associate organization shall be held liable for any act, default, injury (including death), loss, expense, damage, deviation, delay, curtailment or inconvenience caused to or suffered by any person or their property, howsoever arising, which may occur or be incurred by any organization or person, even though such act, default, injury, loss, expense, damage, deviation, delay, curtailment or inconvenience may have been caused or contributed to: (a) by the act, neglect or default of QEI, or of any persons for whom it would otherwise be responsible, or (b) defects or failures of any aircraft, vessel, automotive vehicle or other equipment or instrumentality under the control of independent suppliers. In issuing tickets for transportation of the travel by any means and making arrangements for travel, hotel or other accommodation, QEI is not acting as principal but only as agent for the companies, corporations, owner, public carriers or persons providing or offering the means of transportation and accommodation. You further understand that QEI neither owns nor operates such third party suppliers and accordingly, agree to seek remedies directly and only against those suppliers and not hold QEI responsible for their acts or omissions. In no event will QEI be responsible for incidental, consequential or special damage or loss suffered by any person. QEI’s maximum liability, for any reason whatsoever, will be limited to the amount paid to QEI for its services. Without limitation, QEI is not responsible for any negligent acts or omissions of itself or of any persons for whom it would otherwise be responsible, or acts which are beyond its control, including but not limited to acts of God or force majeure, weather emergencies, breakdown, or failure of diving or mechanical equipment, government actions, inclement weather, sickness, attacks by animals, availability of emergency evacuation, medical care or the adequacy of the same, criminal activity of any kind, terrorism, war, civil disturbance, sanitary conditions, quality or sanitation of food, quarantine, customs, regulations, epidemics, strikes, hotel overbooking, safety and/or security standards at hotels, accommodations or otherwise, or for any other reason beyond the control of QEI. You understand, agree with, and agree to be legally bound by the terms of the release and waiver of liability set forth herein. QEI shall not be responsible for any injury to person (whether or not resulting in death) or damage to property arising out of any act of war, insurrection, revolt or other civil uprising or military action occurring in the countries of origin, destination or passage. In case of a medical problem arising during the voyage, either on board or on shore, which results in costs for evacuation, use of aircraft or repatriation, the responsibility for payment of these costs belongs solely to the traveler if costs incurred are above that of the Emergency Evacuation Insurance. The conditions of carriage in use by the
carriers concerned (when issued) shall constitute the sole contract between the transportation companies and the purchaser of these services and/or passage. By accepting the ticket, the traveler also agrees to its terms and conditions.

PERSONAL INFORMATION: All personally identifiable information provided by HAA Travels tour participants is strictly confidential. Personal information is not shared with third parties or made publicly available except under the following circumstances: Name, degree, home city, and email address*, may be included in the tour participant list that is distributed to tour staff and HAA passengers prior to departure; relevant information provided by tour participants to HAA and the tour operator is shared with the agents providing tour services in the destination. Per contractual agreement, the tour operator and its agents are prohibited to share or sell this information to other parties.

*Please let us know if you would like to opt out of sharing your email address on the tour participant list.

APPEARING IN PHOTOS: Photos from HAA trips may be posted on photo-sharing web sites such as Snapfish or on social networking sites such as Facebook. Your likeness may appear in some photos or videos, posted either by HAA or other travelers, and the circulation of the materials could be worldwide. Trip photos may also be selected to appear in future HAA travels promotions; HAA will attempt to notify the traveler in advance, but no compensation is available for appearing in a trip photo used for promotional purposes.

DISCLAIMER: Every reasonable effort has been made to ensure the accuracy of information presented in this publication. Harvard Alumni Association is not responsible for errors in or damages resulting from use of the information contained herein. Information contained in this document is subject to change.