

COLLEGE OF THE CANYONS

# ECUADOR

WITH GALAPAGOS ISLAND



JUNE 15 TO JULY 15, 2008  
32 DAYS



**LEONARDO WORLD LLC**

# GENERAL INFORMATION & CONDITIONS:

## PROGRAM PRICES

Prices are listed in U.S. dollars and are based on current exchange rates. Prices are subject to change. Price adjustment may occur if airfare conditions, prices for land services or exchange rates are revised.

## THE PRICE INCLUDES

The items included in the price are clearly listed under "The Price Includes."

## THE PRICE DOES NOT INCLUDE

The price does not include passport and visa fees, immigration and custom fees, excess baggage charges, insurance, transportation, accommodation and meals other than "Included", laundry service, telephone calls, beverages of any kind except coffee or tea with breakfast and all other items of personal nature.

## RESERVATIONS

By March 15, 2008 \$200\*  
March 16-April 15, 2008 \$ 1,000\*  
April 16, 2008 or later No Refund

## CANCELLATIONS

In the event that you cancel your participation in the program, you need to inform LeonardoWorld LLC in writing. Cancellation date is the day when LeonardoWorld LLC has received your written cancellation notice at the place of LeonardoWorld LLC's business.

## Date of

Cancellation	Cancellation Fee
By November 1, 2006	\$ 200*
November 1-27, 2006	\$ 1,000*
November 28 or later	No Refund

(\*)The asterisk means that the cancellation fee is the amount shown plus any other unrecoverable charge imposed by airlines, theaters, insurance companies and other suppliers of services.

## INSURANCE

Cancellation and medical insurance is available at extra cost. The comprehensive Travel Protection Plan describes the benefits and costs. LeonardoWorld LLC strongly recommends that the participant be covered by an appropriate insurance. The participant may enroll in the travel protection plan offered by LeonardoWorld LLC or may purchase appropriate insurance through any insurance agent. LeonardoWorld LLC is not responsible for the participant's injury, illness or accident. LeonardoWorld LLC is not responsible for damage, loss or theft of luggage or other personal belongings.

## REFUNDS

The refunds, if applicable, will be based upon the provided cancellation schedule. No refunds will be made for any components such as meals, accommodation and other items resulting from the participant's absence or other situations that may make the participant not utilize such services.

## DEVIATIONS

In general it is possible to deviate from the itinerary. A deviation fee in the amount of \$100 plus the cost of the change will apply. Please be sure to read and understand the Deviation Procedures explanations on the reservation form.

## PASSPORT AND OTHER TRAVEL DOCUMENTS

U.S. and non-U.S. citizens are required to possess a valid passport for travel to the program destinations. In some instances, visas may be required. Non-U.S. citizens participating in this program are requested to check with consulate offices of the countries visited for detailed visa information. U.S. citizens are required to check with consulate offices in the case that they extend their stays and visit countries other than those visited on this program. It is the sole responsibility of each participant to possess the appropriate documentation necessary to enter the countries on their itinerary. LeonardoWorld LLC is not responsible for participants obtaining passports and visas. LeonardoWorld LLC is not responsible for any of the participant's expenses, cancellations



and/or losses related to the participant not possessing the appropriate passport and visa documentation.

## BAGGAGE

The transportation of one regular size suitcase and one carry-on item is included on this program. The limitation is due to limited space availability on motorcoaches and in accommodations. Carry-on items need to be under the conveyance of the owner. Airline regulations require that the carry-on items fit underneath the airline seat in front and the item's dimensions are limited to 45 inches. It is the responsibility of each participant to be in compliance with the airline's baggage checking and size regulations.

## AIRLINE RESPONSIBILITY

TACA shall not be liable for any loss, damage, injury, accident, delay or irregularity which may be occasioned by reasons of defect or through the acts of omission of any person or company performing or rendering the services, other than carriage by air, described in this program brochure. The services described in this program brochure other than transportation furnished by an IATA carrier are furnished by independent contractors who are not servants of or joint ventures or partners with an IATA carrier.

## RESPONSIBILITY

LeonardoWorld LLC of San Diego, California, acts only in the capacity as agent for suppliers of services providing arrangements. LeonardoWorld LLC does not own or operate any of the suppliers of services such as airlines, transportation companies, hotels, restaurants, educational institutions and other suppliers. LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers are not liable for the failure for any such supplier to render transportation, accommodation and other services that are considered part of the travel arrangements privately or by LeonardoWorld LLC. The program participant agrees that LeonardoWorld LLC as well as College of the Canyons, its Board members, its employees and volunteers assume no liability whatsoever for loss of property, injury, accident, illness, death, irregularity and delays during the duration of the program. In addition, the program participant agrees to hold LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers harmless for damage and delay due to

equipment problems, quarantine, declared or undeclared war and insurrection, terrorist and criminal activity, revolt, civil disturbance, hostility, military action, strikes, labor unrest, any "act of God" or nature and for any act of any third party. The participant, by registering for this program, agrees that LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers are not responsible for delay, rerouting, omission and additional expense resulting from the passenger's improper travel documents such as passport, visa and health document. Any losses and expenses related to such circumstances are within the responsibility of the program participants and not of LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers. LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers are not responsible for acts of any government authority. LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers reserve the right to adjust itinerary and contents and to substitute accommodation providers as deemed necessary. LeonardoWorld LLC, College of the Canyons, its Board members, its employees and volunteers reserve the right to accept or decline any person as a program participant as well as to refuse to retain any participant's membership in the program. The "Passage Contract" in use by the public air carriers, when issued, shall remain the sole contract between the carrier and the passenger. Certain other provisions will be listed on the application form. By registering for this program, the participant agrees to all such terms and conditions.

## ARBITRATION

Any dispute arising out of, or relating to this or other study abroad programs and its extensions, shall be submitted to non-binding arbitration under the Federal Arbitration Act. The non-binding arbitration shall take place in the County of San Diego, State of California.

In effect until December 31, 2007

## LEONARDOWORLD LLC

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# FACULTY

**DR. MIRIAM S. GOLBERT**

**PROFESSOR OF**

**BIOLOGICAL SCIENCES**

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**PHONE 661-362-5927**

Miriam Golbert started her education in Argentina obtaining a Bachelor of Science in Biochemistry. After moving to the United States she earned a Master of Science in Biology with emphasis in Cellular and Molecular Biology from California State University Northridge, and a Doctorate in Higher Education Leadership from Nova Southeastern University, Florida. Her teaching experience at the community college level is vast in many colleges in Los Angeles area. Currently, she is a Professor in the Biological Sciences department at College of the Canyons. She is the lead faculty for the Cell and Molecular Biology course. She teaches the Cellular and Molecular Biology course for majors, Anatomy and Physiology courses, Genetics, and Organismal and Environmental Biology. She is also a faculty sponsor of the MESA (Math, Engineering, and Science Achievement) program on campus, the faculty advisor for the International Honors Society (PHI THETA KAPPA), co-advisor of the HITE (High Intensity transfer and Enrichment) program, and the former Academic senator for the Math and Sciences division. Dr. Golbert is also involved in curriculum development for the Biological Sciences department and is the author of the Cellular and Molecular Biology Lab Manual. Her study abroad experience is extensive having traveled with more than 30 students to Costa Rica, Nicaragua, Ecuador and the Galapagos islands over three times. While there, students and Dr. Golbert studied bird mating behavior, marine birds' diversity, conservation models in Costa Rica, Monteverde's cloud forest flora, and algal diversity in Lake Nicaragua.

Taking students to study biology on the Galapagos Islands and the Ecuadorian Amazon is a unique opportunity to appreciate conservation and the amazing biological diversity that exists there.



**GREGORY KEN NISHIYAMA**

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**PHONE 661-362-3081**

Dr. Gregory Nishiyama was born and raised in Orange County, California. He obtained a Bachelors of Science degree in biology at the University of California, Irvine. There he gained his first research experience in the field of microevolution. At this same institution, he earned a minor degree in philosophy. While at UCI, Gregory also simultaneously attended the California State University, Fullerton as a chemistry major. During his final year at UCI he received a grant from the American Lung Association to co-conduct a study investigating the efficiencies of anti-smoking and cancer education programs. After completing these degrees, he was accepted into a Masters program at CSUF. His research focused on the biomechanics of sponges. While working on his thesis, Gregory also conducted extensive research work on the vertical migration and ecology of rocky intertidal marine invertebrates at temperate latitudes. While at CSUF Gregory was also employed at the University of Riverside's South Coast Field Station for two years, conducting research on moth pheromones. He later transferred to the University of Southern California and completed a Masters degree in the mathematical modeling of temperate marine intertidal habitats. A few years later, he received a Ph.D. degree in chemical ecology also at USC. His dissertation research focused on the release of toxic allelochemicals by sponges and their influence on coral reef community structure. Gregory has also discovered new sponge species, two of which he described and named. Along with finding new sponges, he has conducted surveys searching for new antibiotics in sponges. Gregory has extensive experience working in the coral reef habitat and has conducted research in the tropics in the Philippines, Australia, Mexico, and Brazil. Gregory has presented his work at both local and international scientific conferences and has publications in refereed journals. Dr. Nishiyama's quantitative work has been used in many countries around the world by other researchers to rapidly survey environments. He is currently writing a book on the quantitative assessment of animal and plant associations. Many of his mathematical indices and models can be found in scientific books, including a recent textbook on marine quantitative biology. Gregory has taught at Glendale Community College and is currently teaching at the College of the Canyons. He is also the Biology Club Advisor at COC. Gregory has received several teaching awards at both CSUF and USC. When not working, Gregory enjoys hiking and camping with his wife, Cynthia, and his three dogs as well as photography and reading.

## ITINERARY AT A GLANCE

**DAY 0: SATURDAY, JUNE 14 – CHECK IN AT**

**LOS ANGELES INTERNATIONAL AIRPORT**

Arrive at LAX late in the evening for an early morning departure.

**DAY 1: SUNDAY, JUNE 15 – DEPARTURE**

**FROM LOS ANGELES AND ARRIVE IN QUITO, ECUADOR**

Depart from LAX on Copa Airlines at 2:12am. Change planes in Panama City, 10:30am-11:50am and continue to Quito, Ecuador where your arrival is scheduled for 1:40pm Meet the local representative and transfer to the hotel stay in Quito at the Hilton Hotel for one night.

**DAY 2: MONDAY, JUNE 16 – QUITO TO**

**JATUN SACHA BIOLOGICAL STATION**

After breakfast at the Hilton's Café de Colon, depart by motor coach to the Jatun Sacha Biological Station [www.jatunsacha.org](http://www.jatunsacha.org). The drive takes approximately five to six hours. Lunch is included; arrive at the station in the afternoon, dinner is included.

**DAY 3 TO DAY 14: TUESDAY, JUNE 17 TO**

**SATURDAY, JUNE 28 – JATUN SACHA**

**BIOLOGICAL STATION**

Enjoy a 12 day stay at the biological station. Three meals a day are included.

**DAY 15: SUNDAY, JUNE 29 – JATUN SACHA**

**BIOLOGICAL STATION TO QUITO**

After breakfast at the station, depart at 10am for Quito. The bus ride will take about 5-6 hours. Lunch is included and followed by a free afternoon at the Papallacta Hot Springs Resort and Spa. Arrive in Quito in the evening. Check into the hotel and enjoy a free evening.

**DAY 16: MONDAY, JUNE 30 – QUITO**

**TO GALAPAGOS ISLANDS**

Following breakfast at the hotel, transfer to the airport to take the flight to Galapagos Islands. Fly from Quito to San Cristobal, times TBA. Transfer to the biological station. Move into accommodation, dinner will be included.

**DAY 17 TO DAY 29: TUESDAY, JULY 1 TO**

**SUNDAY, JULY 13 – SAN CRISTOBAL STATION, GALAPAGOS ISLANDS**

Enjoy a 13 days stay at the biological station. Accommodation and three meals a day are included.

**DAY 30: MONDAY, JULY 14 – SAN CRISTOBAL**

**TO QUITO**

Transfer to the airport and return by air to Quito for one last night stay at the Hilton hotel. Farewell dinner at a well-known restaurant in Quito.

**DAY 31: TUESDAY, JULY 15 –**

**QUITO TO LOS ANGELES**

Breakfast at the Hilton's Café Colon followed by some free time; hotel check-out and transfer to the airport for departure on the flight to Los Angeles.

# COLLEGE OF THE CANYONS' BIOLOGICAL SCIENCES DEPARTMENT IS GOING TO THE GALAPAGOS ISLANDS AND ECUADORIAN AMAZON

## COLLEGE OF THE CANYONS' BIOLOGICAL SCIENCES DEPARTMENT WANTS TO MAKE THIS FIRST RESEARCH-ORIENTED EDUCATION TRAVEL A DIFFERENT EXPERIENCE.

The purpose of the 4-week trip is to expose students of any discipline to the beauty and nature in the Galapagos Islands and the Ecuadorian Amazon.

Students will be staying at two Biological Research stations in both ecosystems, where they can realize and appreciate how true scientific research and conservation efforts are performed.

Accommodations are primitive in lodge-type cabins featuring bunk beds. There is also a cafeteria which provides three meals a day, and a comfortable patio with hammocks to watch the magnificent view.

A typical day will require students to volunteer their time in helping the stations in their daily activities. Below is a description of the two stations we will be visiting and the type of volunteer work students will be performing daily.

All nine reserves are operated by the Jatun Sacha Foundation, a private, non-profit Ecuadorian organization founded in 1989 to promote biological conservation, research, education and community programs.



### JATUN SACHA BIOLOGICAL STATION (AMAZON)

The Jatun Sacha Biological Station is a 2,500-hectare reserve located in the tropical rainforest region of the upper Napo region of Amazonian Ecuador.

#### RESERVE ACTIVITIES:

A) The Center for Conservation of the Amazonian Plants: reforestation, experimental silviculture of tropical trees, development and maintenance of Jatun Sacha's botanical garden and plant conservation center, and seed collecting.

B) Various activities associated with the development of a reserve project, including maintenance and infrastructure development.

C) Crafts projects: with Quichua communities of the area. Elaboration of native crafts as an economic alternative income.

D) Currently, there are two opportunities for volunteers to teach English at nearby schools.

### SAN CRISTOBAL BIOLOGICAL STATION AND RESERVE (GALAPAGOS ISLANDS)

The Jatun Sacha Foundation's sixth Biological Station-Private Reserve was established on the island of San Cristobal of the Galapagos archipelago, on April 15, 2003. The reserve site is located in the highlands of

the island, on a 200-hectare site, where there is still native vegetation. The native vegetation consists of Miconias, ferns and other native herbaceous species.

Consistent with past work, one of the objectives of this new station is to develop the technology to reconstruct native habitat in the highlands on San Cristobal, and to serve as a center for similar projects in the highlands on other populated islands in the Galapagos chain. The remaining native highland forests on the populated islands is quite limited due to farming activities in general, and the introduction of useful, but very invasive species from the mainland such as tropical Cedar and Cinchona. The Foundation has established a Plant Conservation Center for the production of native plant species for this work.

In addition the Station is working collaboratively with local landowners to develop clean agricultural alternatives for the production of vegetables and fruits to sell to local universities, restaurants, and hotels. Due to the extensive importation of products from the mainland, invasive species are entering the Galapagos on a daily basis.

Volunteers will work on both the habitat restoration and agricultural components while at the reserve. In addition Station staff will lead volunteers on various destination hikes throughout the reserve and nearby locations to explain the ecological and human dynamic of Galapagos.

Students will have the opportunity of taking excursions during their free time, such as visiting other islands and the Charles Darwin Research Station while in Galapagos for an additional fee.

In addition to their volunteerism, professors will ask students to complete group projects and other assignments prior and during the trip to fulfill the class requirements in which students are enrolled.



#### THE COURSES THAT ARE BEING OFFERED ARE:

**BioSci 106: ORGANISMAL AND ENVIRONMENTAL BIOLOGY, 4.0 UNITS (LAB)**

**BioSci 132: CONCEPTS IN EVOLUTION, 3.0 UNITS**

**BioSci 112: FIELD BIOLOGY OF REGIONAL HABITATS, 4.0 UNITS (LAB)**

**BioSci 219: MARINE BIOLOGY, 4.0 UNITS (LAB)**

*Students are encouraged to enroll in at least 2 courses to have the full experience of this unique opportunity.*

Quito, the capital of Ecuador is located at over 9,000 ft altitude (second highest capital in the world). This trip requires a lot of physical activity, walking on unstable terrain, and hiking. As always, it is a good idea to consult with your physician before traveling if there is any health concerns.

Please visit the link below with information on vaccinations and precautions before your trip (We will be covering this topic during the orientation).

[http://wwwn.cdc.gov/travel/destinationEcuador.aspx#mal\\_risk](http://wwwn.cdc.gov/travel/destinationEcuador.aspx#mal_risk)

## PROGRAM PRICE INCLUDES

1. Round-trip air transportation from Los Angeles to Quito
2. Domestic air transportation from Quito to San Cristobal/Galapagos Islands
3. Transfers and transportation by private vehicles and motor coaches
4. Three nights accommodation at the Quito Colon Hilton, price per person sharing a twin bedded room
5. 27 nights accommodation at biological stations (13 nights accommodation at the Jatun Sacha and 14 nights accommodation at the San Cristobal Biological Station)
6. A total of 85 meals (30 breakfasts, 28 lunches and 28 dinners) plus in-flight meals
7. Optional activities offered at the station
8. Personalized assistance on mainland and on the Galapagos Islands
9. Taxes and service charges as related to hotels and restaurants
10. Itinerary preparation and tour documentation

PER PERSON **\$3,295**

Sharing twin in Quito and sharing accommodations at biological stations

Single room supplement  
(Three nights in Quito only) \$210

#### THE PRICE DOES NOT INCLUDE

1. Entrance fee to the Galapagos National Park (\$100, cash only)
2. Personal items such as passport, laundry, drinks other than those included, vaccinations, additional excursions
3. Air ticket related taxes, currently about \$70
4. Optional activities at biological stations may not be included; depends on the offerings at the station at the time of visit
5. Health, baggage and accident insurance
6. All other items not listed under "Program Price Includes"