



RICE 360° GLHT 2020 SUMMER INTERNSHIPS

PROGRAM OVERVIEW

Rice 360° Institute for Global Health Mission

The mission of the Rice 360° Institute is to foster the creation of globally appropriate health technologies that address the pressing health needs of the developing world. By engaging students through a novel multi-disciplinary educational program, we challenge them to reach beyond their usual geographic and disciplinary experiential borders and to gain the knowledge and skills necessary to advance such innovative technologies. Rice 360° has established a Global Health Technologies (GLHT) curriculum that broadens understanding of disease processes and associated advancements within the health technology field, incorporating this understanding with important world health issues. Furthermore, the program presents real-world global health design challenges to students, encouraging the development of meaningful solutions with the potential to make a real impact today.

Rice 360° GLHT Summer Internships

The Rice 360° GLHT Summer Internship program gives Rice University undergraduate students – both science and non-science majors – first-hand exposure to health care in resource constrained settings. The internship program serves to:

- Improve students' understanding of the constraints (infrastructural, cultural, political, educational, technological, etc...) under which such care is provided
- Inspire ideas for appropriate technological solutions to medical care issues
- Guide the students in the development of global health technologies that are responsive to care constraints.

In partnership with clinics, schools, and organizations working in developing countries, the internships allow students to advance in a real-world setting their solution to a Global Health Design Challenge Project developed at Rice through their Global Health Technologies Minor coursework.

Admission Requirements

To be eligible for the Rice 360° GLHT Summer Internship program, students must:

1. Be undergraduate students in good standing at Rice University
2. Have successfully completed at least one global health project in either **ENGI 120**, **NSCI 120** or one of **core courses in the Global Health Technologies** minor by the start of the internship and received at least a 'B' in the course. Courses that qualify include:
 - **GLHT201** Bioengineering and World Health
 - **GLHT360** Appropriate Design for Global Health
 - **GLHT461/462** Global Health Design Challenges
 - A global health project in **ENGI 120** Introduction to Engineering Design
 - A global health project in **NSCI 120** Introduction to Scientific Research Challenges
 - A global health project in **BIOE451/452** Bioengineering Senior Design

3. Have a GPA of 3.0 or better
4. Be 18 years of age or older

Interested students will be asked to provide:

1. a completed application
2. a statement of interest
3. a copy of their transcripts
4. name, email address and phone number of two references

Some applicants will be invited to interview, and interns will be selected from amongst the interviewees. Before beginning the internship, a signed participation agreement, student information form, a signed non-program activities form, and proof of passport, immunizations and insurance must be submitted to RICE 360°. **Deadlines and dates of interest are outlined on the last page in the program calendar.**

Costs & Funding

The Rice 360° GLHT Summer Internships are fully funded experiences, covering the cost of travel (airfare, visa, and travelers insurance), immunizations and prophylaxis, housing, and a stipend for day to day living expenses (e.g. food and local transportation).

Travel

Roundtrip airfare from Houston to the site of the internship will be provided. Should interns prefer to depart from/return to a city other than Houston, Rice 360° will accommodate the request, but interns will be responsible for the difference in airfare should there be one. Upon host country arrival and departure, ground transportation from/to the airport to/from the clinic site of their internship will be provided by the hosting organization. The cost of any required visas will be reimbursed, if not already had by the program participants. Please note a passport is required prior to securing a visa. *Participants must secure & pay their own passport*, and provide a photocopy to Rice 360° by the day of orientation. Travelers' emergency & repatriation insurance will also be provided if not already had by program participants.

Immunizations & Prophylaxis

Rice 360° will reimburse the cost of a visit to a travel medicine clinic, for any CDC required and recommended immunizations for the country of their internship and for the cost of malaria prophylaxis for the duration of their internship.

Housing

Interns will be provided housing within reasonable proximity to the site at which they will be working. If transportation will be required for the daily commute, a supplement to the stipend will be provided. Interns will share a residence, and are expected to cook their own meals when possible. The housing provided will have running water, electricity, and be selected with consideration for safety and security.



Stipend

Interns will be provided with an allowance to cover day to day living expenses, the cost of meals, and their portion of any household expenses incurred during the duration of their internship. Students should keep accurate records & documentation of their expenses, as they are expected to return the unused portion of this allowance at the end of their internship.

Financial Aid

To increase access to all students, Rice 360° offers two need-based stipends in addition to the allowance outlined above. If you will require additional funding to be able to participate in the internship, please fill out the optional financial aid information section of the application. Request for financial aid **will not** influence the decision to admit an intern into the program. To apply, indicate your interest on the application form.

Orientation & Internship Preparation

There are three mandatory events every intern must attend in preparation for the internship: a 2 day orientation, the student technology presentations, and 2 week pre-internship period in the OEDK.

Acceptance of the internship requires committing to attend the 3 events below. Inability to attend any of these events may result in the internship offer being rescinded.

- a) Internship Orientation. After acceptance into the program, interns will be invited to a two-day orientation session with presentations and an opportunity for Q&A with Rice 360° program faculty and staff, former interns, and when possible representatives from intern hosting organizations. The presentations will provide information on Rice 360° and the GLHT Summer Internship Program, including: an overview of the internship experience; general intern responsibilities and expected work product; a primer on the OwlsBeyondBorders.com internships blog; review of the code of conduct and emergency response plan; program contact information for the US and at the internship site; communication (phone and internet) while abroad; what expenses are covered/reimbursed by the program; how and when interns will receive funding; reiteration of passport and VISA requirements; and pre-trip recommended reading. The interns will break into groups to discuss country specific issues, such as: background & culture of each internship site; potential health and safety risks; immunizations and vaccinations required and recommended prior to departure; required malaria prophylaxis and other medicines recommended be taken; medical and professional services available/lacking in country; and what to expect on a typical day in country and at the host site. A travel packet with all this information in hard-copy as well as personal travel documents will be provided at this time.
- b) Student presentations of technology. Presenting Rice 360°-developed technologies to obtain feedback at the partner sites is a key aspect of the summer internship. During the 2 day orientation, student teams will present on technologies assigned to them. They will conduct a second set of presentations during their OEDK pre-internship work.
- c) Working time at the OEDK. All students will be requested to spend 2 full weeks before their travel preparing the technologies and materials for their internship. Each student is expected to work 40h/week in the OEDK during this period.



Upon the first day of their internship at their host site, interns will meet their internship host. The meeting will serve as an opportunity to review internship expectations for both student and host, including: implementation of the Rice 360° assigned GLHT project, assignment of a site specific project, and identification of an intern selected project; other general responsibilities and expected work product; a facilities tour; an introduction to site staff, including their project mentor(s); and an opportunity for Q&A.

Program General Policies & Travel Guidelines

Local Laws

While in a foreign country, visitors are subject to its laws and to the repercussions associated with breaking them. It is expected that interns will have read the US State Department's information on the country to which they are traveling prior to their departure and will be mindful of the basic local laws and customs.

Safety While Traveling

While traveling abroad, interns will be expected to avoid situations that put their personal safety and well-being in jeopardy, including taking care to:

- deal only with authorized agents when exchanging money to avoid violating local laws
- not leave luggage unattended in public areas and never accept packages from strangers
- not become a target for thieves by wearing conspicuous clothing and expensive jewelry
- not carry excessive amounts of cash or unnecessary credit cards
- follow program guidelines regarding drugs, alcohol, risk-limited and political activities

Controlled & Illegal Substances

In some foreign countries, some prescription medications are considered to be controlled substances. Interns taking prescription medication are advised to become familiar with any drug restrictions in the country to be visited. While abroad, avoid using illicit drugs or drinking excessive amounts of alcoholic beverages – even if you are of legal drinking age in your host country – and associating with people who do. It is expected that interns will have read the attached document on drugs and alcohol.

Participation in Non-program and Risk-limited Activities

Interns that choose to participate in non-program and/or risk-limited activities are proceeding independently and entirely at their own risk. Interns are required to sign a statement fully releasing Rice, Rice 360°, the internship host organization and their representatives from any claims, damages, and liabilities whatsoever arising in connection with participation in such activities.

Participation in Political Activities

When overseas, avoid demonstrations and other situations that may become unruly or where anti-American sentiments may be expressed.



In the Event of a Crisis/Emergency

In the unlikely event of a crisis or emergency, it is recommended that student travelers abroad take the following precautions:

- Make sure you have a signed, valid passport and entry visas (if applicable). Be sure to fill in the emergency information page of your passport before departure.
- Leave copies of your passport data page and entry visas (if applicable) with family or friends at home. Rice 360° will require a copy be provided to program representatives prior to departure.
- Leave copies of your itinerary and overseas contact information (address, email, and phone), as well as that of program representatives, with family or friends at home, so that you can be readily contacted in case of an emergency.
- Keep your host program informed of your whereabouts and provide additional contact information (if relevant), especially if participating in non-program and/or risk-limited activities.
- Read the Consular Information Sheets, Public Announcements and/or Travel Warnings (if applicable) for the countries to which you are traveling. Check for updates prior to departure.
- Register with the US Embassy in the country to which you are traveling, as soon as possible.

International Travel Insurance

Travel emergency & repatriation insurance will be provided for the duration of the internship to program participants, if not already had by the student or covered under their parent's policy. Insurance secured by the Rice 360° summer internship program will cover trip cancellation/interruption/delay, lost/stolen/delayed baggage, emergency evacuation and repatriation of remains, accidental death and dismemberment and medical expenses.

If a crisis should arise, student interns should immediately contact their primary program representatives, both at Rice360°/Rice University and within the host country. If it is determined that for the safety and well-being of the participant it is necessary to end the internship and return the student to the US, Rice 360° will make arrangements to do so without delay.

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PROGRAM CALENDAR

Spring 2020

January – May

Application Process:

Applications are made available	January 6 th
Application submission deadline	February 28th at 5pm
Invitation for interviews extended	March 6 th
Interviews are held, 12-5pm	March 11 th
Acceptance into internship extended	March 13 th
Participation response deadline	March 25 th

Submission of the following constitutes formal acceptance of the internship offer:

- signed participation agreement
- student information form
- non-program activities form

**Acceptance of the internship requires committing to attend the orientation
& preparation events below:**

Mandatory pre-trip Orientation Meetings	March 31 st - Friday April 3 rd <i>Exact dates & times TBD based on interns schedules</i>
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Mandatory Pre-trip Technology Preparation in OEDK [∞]	May 7 th – May 15 th
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Summer 2020

May – August

International Internship:

Interns depart [#]	approx. between May 21 st and June 1 st
On-site Orientation	Upon arrival
~ Internship Projects Execution ~	
On-site Projects Presentations	TBD
Interns return [#]	approx. between July 23 rd and August 15 th



RICE 360°
Institute for Global Health

Fall 2020

Post-internship Follow-up Meeting

September TBD

Rice 360°- RICE 360° Speaker Seminar Series – Poster Presentation

October TBD

∞ You are to complete your technology preparation during this time, and ALL interns are expected to do a final technology presentation before their trip.

Exact dates may vary depending upon internship site