



#IMIRP2021AEXA

International Medical Innovation and Research Program is an educational program created by AEXA that allows students to have an immersion in the world of medical innovation, technology, and science applied to health. In one of the most important cities in the world for medicine and research: HOUSTON, TEXAS.

The IMIRP is designed for high school, college, and university students interested in exploring the broad career options available in the fields of health, medicine, and medical innovation.

International participants will gain real medical experience in sessions that include simulated surgical procedures with robotic systems, manual procedures, discussions with expert doctors and students, as well as visiting prestigious institutions and leading edge facilities.



SUMMER 2021 - HOUSTON, TX.
TAKE THE CHALLENGE!

EXPLORE THE REAL WORLD OF MEDICINE

Activities and tours may vary depending on each year's challenge. Some of the institutions that we could visit are:

SIRI LAB:

The Surgical Innovation and Research Institute has more than 5 robotic surgery equipment. The DaVinci surgical system is one of the newest advances in medical technology. Students will receive an induction to learn more about the DaVinci system and will have the opportunity to interact with the robot in addition to practicing with virtual simulators and skin samples emulating a real operation.



GALVESTON NATIONAL LAB:

Is a sophisticated high containment research facility that serves as a critically important resource in the global fight against infectious diseases. The lab's top priority is research to develop diagnostics, therapeutics and vaccines to combat the most dangerous diseases in the world. The GNL is an anchor lab of the NIAID Biodefense Laboratory Network. The GNL is one of only two National Laboratories with Biosafety Level 4 (BSL4) capabilities located on a U.S. university campus.

METHODIST HOSPITAL RESEARCH INSTITUTE:

Participants will interact with multi-million dollar equipment in this innovative and virtual hospital.

BAYLOR COLLEGE OF MEDICINE SCHOOL OF ALLIED HEALTH SCIENCES:

Tour the Orthotics and Prosthetics Program lab at Baylor College of Medicine School of Allied Health Sciences: Get fitted with futuristic-looking, all carbonfiber ankle/foot orthoses and practice controlling a prosthetic arm. See the team of experts working on a complete casting for a custom device in realtime.

UT HEALTH SCIENCE CENTER - HOUSTON:

Tour the Medical School (including training labs, cadaver labs, etc). Participants will work on a life-like mannequin.

MD ANDERSON SCHOOL OF HEALTH PROFESSIONS:

Tour the School of Health Professions: Learn about an exciting career in radiology, view the radiologist science lab, and learn about diagnostic imaging while viewing human tumors.

THE IMIRP INCLUDES:

- Registration to the event
- Accommodation during the days of the event at RICE University
- Transportation Airport - RICE - Airport and between all locations
- 3 meals a day and snacks
- Labs and museums tours
- Accident insurance during the program
- All materials
- Graduation ceremony
- 24/7 Staff with the group
- Visit to NASA's Johnson Space Center
- Launching an experiment into space for first place winning team
- Every participant at the IMIRP will receive a curricular value diploma and a personalized coat

TERMS AND CONDITIONS

- Cost \$3,500 USD
- Some activities are subject to availability
- To enroll in the program you must go through a selection process that you can start here: <https://bit.ly/3fwEZb8>
- The capacity of the event is for 30 participants.
- You can reserve your place with 300 USD in advance, even if you finish paying within the indicated deadlines
- Other conditions apply

FOR MORE INFORMATION CONTACT:

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