

MOSCOW SUMMER INTERN PROGRAM



SPACE DEVELOPMENT: THEORY AND PRACTICE SUMMER 2012



MISSION STATEMENT

The purpose of the Moscow Summer Intern Program is to develop international collaborations in which engineering and science students from different countries work together to design, manufacture and operate space science projects.

The intent is to replicate the successes of the international cooperation and innovation that formed the basis of the International Space Station and replicate the process at the university level for the next generation of space scientists.

SPACE DEVELOPMENT: THEORY AND PRACTICE — SUMMER 2012 INTERNATIONAL WORKSHOP

The Baker Institute Space Policy Program will sponsor nine students to attend this year's Bauman Moscow State Technical University international workshop on "Space Development: Theory and Practice" (Space DTP-2012) in Moscow from July 3-15, 2012.

The internship will include:

- Round-trip airline tickets from Houston to Moscow
- Visa applications and fees
- Local accommodations (transportation, food and lodging), provided by Bauman Moscow State Technical University

Additional Information:

- Applicants must have a current passport.
- Complete application materials must be received by April 20, 2012.
- Proficiency in the Russian language is not a prerequisite for application but will be considered a plus.
- Students will depart for Moscow from Houston. Transportation to Houston is not provided.

BACKGROUND

The Youth Space Center of Bauman Moscow State Technical University conducts an annual international workshop titled "Space Development: Theory and Practice." The workshop was first conducted in 1998, and the Baker Institute first participated in the program in 2011.

AGENDA OUTLINE

The opening ceremony will take place in the Federal Space Agency briefing room, where government space authorities discuss critical space-related decisions. During the workshop, participants will visit leading Russian companies that work with the space program, as well as Bauman Moscow State Technical University, one of the leading educational and research universities in Russian space technology. Additionally, they will experience firsthand the Mission Control Center, where Russian specialists control the International Space Station, as well as the Gagarin Cosmonaut Training Center, where cosmonauts train for future flights. Throughout the workshop, students will have the opportunity to meet and hear engineers and scientists from all segments of the Russian space program share their views of space exploration.

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This 12-day internship will also provide a unique experience to witness international collaborations in space and to meet other students from around the world who are interested in developing space hardware. Participants will have the opportunity to work on a team project during the program.

During their stay, students will reside in Korolev — the space capital of Russia, the birthplace of the Russian space program, and home to thousands of scientists, engineers, technicians and workers who work to develop, manufacture and operate Russian and international spacecraft. Workshop participants will inhabit the Staff Training Institute of Machine and Instrument Building (IPK). IPK is ideally suited to support the workshop, providing a hotel, cafeteria and full conference facilities under one roof. Space DTP-2012 participants will stay in twin economy class rooms that all include showers, refrigerators and televisions. Transportation for Space DTP-2012 will also be provided.

All events will take place in the Greater Moscow area. Participants will have an opportunity to explore Russia and to experience Russian culture.

PARTICIPATING UNIVERSITIES

All applicants must currently be enrolled* in one of the following universities:

- Rice University
- Brown University
- University of Houston
- University of Southern California
- The University of Texas at El Paso

* Note: Preference will be given to current sophomore, junior and first-year graduate students.

APPLICATIONS SHOULD INCLUDE THE FOLLOWING:

- Completed and signed application form
- One-page resume/CV
- Current official transcript (sealed envelope)
- One letter of recommendation (sealed envelope)
- Personal essay: In 300-500 words, explain why should you be chosen for Space DTP-2012
- Two copies of your passport ID page
- Two recent passport photos

COMPLETED APPLICATIONS SHOULD BE SUBMITTED TO:

J.E. (Jason) Lyons
Logistics Manager
James A. Baker III Institute for Public Policy
Rice University MS-40
6100 Main St.
Houston, TX 77005

APPLICATION DEADLINE: APRIL 20, 2012

Applicants will be notified of results by May 4, 2012.
Questions may be submitted to jelyons@alumni.rice.edu.