

# MOSCOW SUMMER INTERN PROGRAM



## SPACE DEVELOPMENT: THEORY AND PRACTICE SUMMER 2013



### 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 2013 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-2013) in Moscow from July 7-20, 2013.

The internship will include:

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

Additional Information:

- Applicants must have a current passport.
- Complete application materials must be received by April 10, 2013.
- Proficiency in the Russian language is not a prerequisite for application but will be considered a plus.
- Students will depart for Moscow from Houston as a group. 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 (BMSTU), 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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## **ADDITIONAL INFORMATION**

This 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.

The home base for Space DTP-2013 is the BMSTU student's hostel number 11 located near BMSTU and the center of Moscow. Space DTP-2013 participants will stay in double economy-class rooms, with showers and televisions in every room. Transportation for Space DTP-2013 will also be provided. While meals at the hostel will be provided free of charge, there will be occasions when participants will eat at local establishments, where they will be responsible for their own meals.

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 you should be chosen for Space DTP-2013
- Two color copies of your passport ID page
- Two recent official 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 10, 2013**

Applicants will be notified of results by May 1, 2013.  
Questions may be submitted to [jelyons@alumni.rice.edu](mailto:jelyons@alumni.rice.edu).