



## **LEWIS' EDUCATIONAL AND RESEARCH COLLABORATIVE INTERNSHIP PROGRAM (LERCIP)**

### **2008 SUMMER INTERNSHIP FOR COLLEGE STUDENTS**

#### **Program Description**

This is an educational program that provides a summer opportunity for students interested in NASA and careers in science, technology, engineering, and mathematics. Internships of 10-week duration are available during the summer months at the NASA John H. Glenn Research Center (GRC). The internships are offered under the auspices of Lewis' Educational and Research Collaborative Internship Program (LERCIP) and are a collaborative undertaking of GRC's Educational Programs Office (EPO) and the Ohio Aerospace Institute (OAI). The LERCIP college component offers opportunities for graduating **2008** high school seniors through Ph.D. candidates.

To find out about other LERCIP internship opportunities that may be available and their deadline dates, visit one of the following Web sites: <http://www.education.grc.nasa.gov/> or <http://www.oai.org>.

#### **Program Goal**

LERCIP provides students with introductory professional experiences to complement their academic programs and research interest under the guidance of a GRC scientist or engineer who serves as the student's mentor. The program is designed to provide experiences in a research and development environment in order to expand the student's understanding of possible career choices that are available at NASA. Program activities include oral presentations at the LERCIP student symposium and a variety of enrichment activities.

#### **Glenn Research Center**

The NASA Vision—To improve life here, to extend life to there, to find life beyond. The NASA Mission—To pioneer the future in space exploration, scientific discovery, and aeronautics research. As one of NASA's 10 field centers, the Glenn Research Center at Lewis Field supports all NASA missions and the major programs of our agency.

GRC works as a diverse team in partnership with government, industry, and academia to increase national wealth, safety, and security, protect the environment, and explore the universe. As NASA moves forward to fulfill the Vision for Space Exploration, Glenn is focusing on efforts related to Exploration Systems, such as technological advancements in spaceflight systems, aeropropulsion, space propulsion, power systems, nuclear systems, communication, and human research.

GRC is located in the Great Lakes region of Ohio and occupies a 350-acre site adjacent to Cleveland Hopkins International Airport. The Center comprises over 140 buildings that contain a unique collection of world-class facilities. NASA Glenn also includes the 6400-acre Plum Brook Station near Sandusky, Ohio.

#### **Ohio Aerospace Institute**

OAI is a private, nonprofit organization whose purpose is to advance aerospace-related capabilities through industry, university, and government collaboration. Such partnerships have led to critical solutions for aerospace applications, developed new technologies in medical science, and created improved design and manufacturing and measurement systems, and provided educational enrichment and support to faculty and students. OAI is located next to the GRC west gate. For more information on OAI, visit <http://www.oai.org>.

#### **Eligibility Requirements**

Applicants must be **U.S. CITIZENS**, a full-time student in the fall 2008, at least 16 years of age, and pursuing a baccalaureate or higher degree at an accredited college or university throughout the United States or Puerto Rico. College-bound graduating high school seniors or 2-year college students with demonstrable plans to pursue baccalaureate degrees are also eligible. Students must have a cumulative GPA of 3.0 or above on a 4.0 scale.

## Program Requirements

Because of the program's short duration and intensive requirements, no vacation time or summer day classes are allowed during the internship. If selected, the student must be present for the entire 5-day, 40-hour per week (8 a.m. to 4:30 p.m., Monday through Friday) and required to complete the entire 10-week tenure. It is MANDATORY that students start on one of the scheduled session dates (see below) to attend the orientation.

### **NO EXCEPTIONS!**

## Application Information

Students seeking internships must submit an application to OAI. You will be sent a postcard or an e-mail (if provided) acknowledging receipt of your application.

Additional information may be obtained by contacting any of the following:

OAI

E-mail: [internships@oai.org](mailto:internships@oai.org)

Telephone: (440) 962-3170, ext. 5006

NASA GRC

E-mail: [intern@grc.nasa.gov](mailto:intern@grc.nasa.gov)

Application materials must be received no later than **January 31, 2008**. Application materials received after the deadline will not be considered or processed. **FAXED copies are unacceptable.**

## Selection Criteria

Selection in this program is very competitive and is based on the following:

- GRC organizational, programmatic, and budgetary commitments
- Academic level and relative coursework
- Performance background and research interests
- Student/mentor availability

## Student Notification:

**Students selected for internship positions** will be notified by OAI of internship appointment via offer letter by April 15, 2008. Due to the large number of applicants, **ONLY SELECTED STUDENTS ARE NOTIFIED.**

## Stipend Information

Students receive a biweekly stipend and the amount depends on the academic standing achieved by the student at the time tenure begins and must be supported by student's transcripts. If selected, stipend details and program information will be provided in the offer letter. The normal statutory tax withholdings are taken—the tax portion withheld will depend on the tax forms submitted by participant. **This program does not provide unemployment compensation to participants.**

Academic standing: Freshmen/Sophomore \$800 Junior/Senior \$1000 Master/Doctoral Student \$1200

## Travel Reimbursement

One round-trip travel reimbursement will be provided to students whose city of permanent residence are more than 50 miles from Cleveland **and relocate** for the program. Reimbursement is based on student's permanent residence and shortest route. Mileage at .485 cents per mile will be paid to eligible students approximately 1 week **after** tenure begins.

## Internship start dates for 2008

*Session I: May 19 to July 25*

*Session II: June 2 to August 8*

*Session III: June 9 to August 15*

## Housing Accommodations

Students are responsible for making their own housing and travel arrangements. This program does not provide living expenses. If a list of short-term housing is desired, check the appropriate box on page 2 of the application and one will be provided to you. Please understand that the housing list has been assembled by OAI for your convenience. **Accommodations on the list have not been checked and OAI does not advocate them over other accommodations you may find on your own.** If selected for the program, you need to start your search for housing as soon as possible. Remember you are responsible for reviewing your lease agreement and addressing questions before signing.

# 2008 LERCIP COLLEGE STUDENT APPLICATION

Please type or print in black ink only.

Full legal name \_\_\_\_\_ Date of birth \_\_\_\_\_  
Last name, suffix (e.g., Jr.) First Middle name Month Date Year (e.g., 11/23/1985)

Place of birth \_\_\_\_\_ Gender: Female Male  
City, State, Country

U.S. Citizen  Yes  No Note: If U.S. citizen and born outside the United States or Puerto Rico you must provide the information requested below and if selected provide documentation prior to start date for offer to be finalized.

Naturalization no. \_\_\_\_\_ Date issued \_\_\_\_\_ Date expired \_\_\_\_\_  
Passport no. \_\_\_\_\_ Date issued \_\_\_\_\_ Date expired \_\_\_\_\_

## YOU MUST PROVIDE BOTH ADDRESSES:

PERMANENT (HOME) ADDRESS:

SCHOOL NAME:

\_\_\_\_\_

\_\_\_\_\_

City State

Address: \_\_\_\_\_

Please provide your nine digit ZIP Code

City State ZIP Code

ZIP Code \_\_\_\_\_

Telephone no.: (\_\_\_\_) \_\_\_\_\_

Telephone no.: (\_\_\_\_) \_\_\_\_\_

School e-mail address: \_\_\_\_\_

Alternate telephone no.: (\_\_\_\_) \_\_\_\_\_

Permanent e-mail address: \_\_\_\_\_

### Please check box below where you want any LERCIP correspondence sent

- Prior to April 15  Permanent home address  School address
- After April 15  Permanent home address  School address

If you are a graduating 2008 high school senior, you are considered a college freshman, and must list college(s) below that you have applied for or been accepted to.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

Your academic level as of Fall 2008\*: \_\_\_\_\_ COLLEGE MAJOR: \_\_\_\_\_

- College Freshman (13)  College Senior (16)
- College Sophomore (14)  Master Student (17)
- College Junior (15)  Ph.D. Student (18)

Credit hours earned as of May/June 2008: \_\_\_\_\_ Total credit hours required for graduation: \_\_\_\_\_

Planned graduation date: \_\_\_\_\_  
Month Date Year (e.g., 11/23/2008)

Cumulative GPA out of 4.0\*: \_\_\_\_\_ \*Must be supported by school transcripts (minimum eligibility is 3.0 GPA)

### PROGRAM USE ONLY

Date received \_\_\_\_\_ PR requirement \$ \_\_\_\_\_

Date processed \_\_\_\_\_ 13 14 15 16 17 18

Initials \_\_\_\_\_















Applicant, fill in your name on the endorsement form, separate it from the application form, and give it along with the enclosed envelope (or a plain white envelope) to the teacher or faculty member you are asking to provide a recommendation based on your academic ability and interpersonal skills. Because the endorsement letter is a requirement of the application package, you are encouraged to set a predetermined date with the faculty member of when you can pick up the endorsement or verify it was sent in.

## LERCIP FACULTY/TEACHER ENDORSEMENT

**\*\*Must be a current instructor in applicant's area of expertise\*\***

Student's name: \_\_\_\_\_ School: \_\_\_\_\_

The above-named student is applying for a summer internship at NASA GRC. If selected, the student will be given the opportunity to work with GRC staff in a professional environment. Please provide your endorsement of the student in the space provided below or attach a separate letter. Be sure to address the following areas: *Student's potential to contribute and benefit from the experience, academic interests, maturity, and commitment to completion of assignments.*

YES, I recommend the student for the program

NO, I do not recommend the student for the program

Printed name: \_\_\_\_\_ Telephone no.: (\_\_\_\_) \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title/Department: \_\_\_\_\_

Address: \_\_\_\_\_  
City State ZIP Code: \_\_\_\_\_

E-mail address: \_\_\_\_\_

**IMPORTANT:** To be eligible for the program a student must have a teacher submit an endorsement with his/her application. It must be received no later than January 31, 2008. The student should return this endorsement in a sealed envelope with their application materials. If the endorsement is sent separately, mail it to the following address: **Ohio Aerospace Institute (OAI), Attention: LERCIP, 22800 Cedar Point Road, Cleveland, OH 44142.**



## APPLICATION REMINDERS

Before submitting this application, you should review it thoroughly. Special attention should be given to eligibility requirements, dates, and deadlines. Be sure that you have supplied all information and materials requested. You are encouraged to keep a copy of your completed application package, as we are unable to return any application materials submitted for the program.

### APPLICATION CHECKLIST (check off when completed):

- 1. 2008 College Student Application Form—completion of all pages
    - a. Applicant Information (page 1)
    - b. Placement Information (page 2)
    - c. Academic Information (page 3)
    - d. Internship Essay (page 4)
    - e. Student Certification (page 5, signed, and dated)
    - f. Student Information (page 6)
  - 2. Teacher/Faculty Endorsement Form (*Return in sealed white envelope, be sure student's name is printed across the front of the envelope. **Photocopies of this form are not required.** Form must be received by January 31, 2008, for student to be eligible for consideration for the program.*)
  - 3. School Transcripts (*Attach one copy of your current transcript of courses completed. Transcript **must** include final grades, cumulative GPA, and credit hours taken to date through 2007 fall semester/quarters. Photocopying your original transcript for application copies is acceptable. Unofficial school photocopies are also acceptable. **Handwritten or computer-generated report cards are unacceptable.***)
  - 4. Original, signed application **PLUS** three complete copies of application.  
**Applications that do not have the required copies are considered INCOMPLETE and will not be processed.**
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Mail your completed application package to

**OHIO AEROSPACE INSTITUTE (OAI)  
22800 CEDAR POINT ROAD  
ATTN: LERCIP  
CLEVELAND, OH 44142**

Should you have any questions, contact  
Ohio Aerospace Institute (OAI)  
Telephone: (440) 962-3170, ext. 5006  
E-mail [internships@oai.org](mailto:internships@oai.org)

**PLEASE BE ADVISED THAT ANY APPLICATION OR APPLICATION MATERIALS RECEIVED AFTER THE DEADLINE DATE, JANUARY 31, 2008, WILL NOT BE PROCESSED AND ARE CONSIDERED INELIGIBLE—NO EXCEPTIONS!**

[www.nasa.gov](http://www.nasa.gov)

