



## Research Internships in Science and Engineering in India for U.S. Graduate Students *Application Form*

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### Eligibility:

- You must be a U.S. Citizen over the age of 18.
- Currently enrolled at a regionally accredited higher education institution as a full-time graduate student
- Pursuing a degree in the field of science, technology, engineering or medicine or a closely related field

### Required items:

- Completed Application Form sent directly from the applicant to ORAU via postal mail
- Resume to include previous work experience
- Two references sent directly from the reference to ORAU via postal mail
- Transcript(s) from all postsecondary institution(s) attended sent directly from the institution(s) to ORAU via postal mail
- Medical insurance with international rider (if accepted into internship)

### Deadlines:

- **February 12**  
*Application Form must be postmarked by this date.*  
*Resume must be postmarked by this date.*  
*Two Reference Forms must be postmarked by this date.*  
*Official Transcripts must be postmarked by this date.*
- **Mid-April**  
*Selection Announcements*
- **June 1**  
*Target Start Date*

**Note: A postmark deadline means that the item must be postmarked by the U.S. Postal Service by the date listed. There is no need to send items via overnight or special delivery.**

Detailed information and eligibility requirements available at: <http://rise.orau.org>

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### Send all postal materials to:

RISE Program  
Oak Ridge Associated Universities  
PO Box 117, MS-36  
Oak Ridge, TN 37831-0117

*This application requests personally identifiable information (PII). We strongly recommend you use postal mail to submit your application package. However, we will accept applications sent via fax or e-mail.*

**PART 1. GENERAL INFORMATION**

1. **Name:** \_\_\_\_\_  
 (First) (Middle) (Last) (suffix)

2. **Citizenship:**  
 U.S.  
 Non-U.S. Citizen [If you are not a U.S. citizen, do not apply.]

3. **Contact Information:**  
 Address Line 1: \_\_\_\_\_  
 Address Line 2: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Country: \_\_\_\_\_  
 Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

*[The contact information above will be used to communicate with you during application processing and review and must be valid through June 30. You may use your parents' address if it is less likely to change. If any of the contact information above changes, you must notify us in writing via e-mail or postal mail.]*

4. **Are you currently enrolled in an educational institution in a graduate degree program?**  
 Yes  No

**If yes:**  
 Institution's Name: \_\_\_\_\_  
 City and State: \_\_\_\_\_

5. **What is your current college status?**  
 Graduate Student  
 Master's  
 Doctoral

6. **What will be your college status next June?**  
 Graduate Student  
 Master's  
 Doctoral  
 Recent Graduate

7. **Please indicate which length of Internship you are interested in. (Check all that apply)**  
 3 months  5 months  
 4 months  6 months

8. **What is the earliest date you are available to begin?** \_\_\_\_\_

9. **List all technical schools, community colleges, and universities/colleges you currently attend or have attended. Begin with the most current institution. You should submit transcripts from each institution listed below. Transcripts should include fall semester grades, if enrolled.**

Institution Name, City, State/Country	Dates Attended (mm/yyyy, if currently attending, list current month and year.)		Major Field of Study	Degree Received/Expected (AS, BS, etc.)	Degree Date Received/Expected (mm/yyyy)	Cumulative GPA (4.00 Scale)
	From	To				

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**10. List work experience and/or volunteer activities.**

Type of Organization	Dates (mm/yyyy, if currently active, list current month and year.)		Description of Duties Performed (limit of 150 characters for each activity)
	From	To	

**11. List research experiences, beginning with the most recent. Include high school research experiences.**

Position	Dates (mm/yyyy, if currently involved, list current month and year.)		Description of Research (limit of 150 characters for each experience)
	From	To	

**PART 2. FIELD OF STUDY**

**12. What is your broad field of study?**

- |   |  |
|---|--|
| <input type="checkbox"/> Agricultural Sciences                  | <input type="checkbox"/> Mathematics   |
| <input type="checkbox"/> Biological Sciences                    | <input type="checkbox"/> Medical Science   |
| <input type="checkbox"/> Computer Science                       | <input type="checkbox"/> Physical Sciences (Chemistry, Physics, Astronomy, etc...) |
| <input type="checkbox"/> Earth, Atmospheric, and Ocean Sciences | <input type="checkbox"/> Other _____   |
| <input type="checkbox"/> Engineering                            |  |

**13. What is your specific area of study?**

**14. List all courses you plan to take during the Winter/Spring academic term.**

Course Title:	Course Title:

**PART 3. STATEMENT OF CURRENT RESEARCH INTERESTS**

**15. Describe how you became interested in doing research and what you hope to gain from the RISE experience.** *(1/2 page maximum, single space format, 10-point font size or larger)*

**16. Describe your current research interests. Be specific and provide examples about the type of research you would like to conduct, both next year and later on.** *(1/2 page maximum, single space format, 10-point font size or larger)*

**PART 4. STATEMENT OF PROFESSIONAL GOALS**

**17. What are your current professional goals beyond your current degree? Describe what your ideal career would look like one and five years after graduation. What role, if any, will a RISE internship play in your career plans? (One page maximum, single space format, 10-point font size or larger.)**

A large empty rectangular box with a thin black border, intended for the applicant to write their response to question 17.

### PART 5. ACADEMIC AWARDS, HONORS, AND ACTIVITIES

**18. Awards/Honors.** List honor societies, scholarship and/or fellowship awards, and other recognition. Include past and current awards and honors.

**19. Extracurricular Activities.** List any current community service organizations, technical societies and campus activities in which you have participated. Include offices held.

### PART 6. REFERENCES

**20. List at least two people familiar with your academic preparation and your technical abilities.** Please provide each of these individuals with the attached reference form and ask them to submit a reference on your behalf by the published postmark deadline. Relatives should not be asked to submit references.

Name	Title and Organization:
1.	
2.	
3.	

**21. Do you have research contacts in India you would like to collaborate with (suggested host)?**

Yes     No *(This is not a criterion for selection.)*

If yes, please provide the following information:

Name of contact \_\_\_\_\_ Company \_\_\_\_\_

Email Address \_\_\_\_\_ Phone \_\_\_\_\_

**22. Please indicate how you learned about the Research Internships in Engineering and Science (RISE) Program. (check all that apply)**

- Word of Mouth
- E-mail Announcement
- Internet Search
- Link on a Web Site

- Conference/Presentation
- Printed Material
- Other \_\_\_\_\_
- Don't Remember

## PART 7. APPLICANT DEMOGRAPHIC DATA

Applicant demographic data are important in assessing the effectiveness of our efforts to solicit applications from a diverse population. Your submission of this information will assist us in this regard. We appreciate your cooperation. If you decline to provide this information, it will in no way affect consideration of your application.

23. **Gender:**     Female         Male

24. **Date of Birth:** (mm/dd/yy) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

25. **Race/Ethnicity:**

- Caucasian** (Having origins in any one of the original peoples of Europe, North Africa, or the middle East)
- African American** (Having origins in any Black racial groups of Africa)
- Hispanic** (Of Mexican, Puerto Rican, Cuban, Central/South American or other Spanish culture of origin, regardless of race)
- American Indian** (Having origins in any of the original peoples of North America, and maintaining cultural identification through tribal affiliation or community recognition)
- Asian or Pacific Islander** (Having origins in any of the original peoples of the Far East, Southeast Asia, Indian Subcontinent, or the Pacific Islands – for example, Indian, China, Japan, Korea, Philippine Islands, and Samoa)

26. **Disabled:**

- No
- Yes, physical/mental impairment that substantially limits one or more major life activities (*for example, blindness, deafness, or mobility impairment.*)

**PART 8. CERTIFICATION OF ACCURACY AND PHOTO RELEASE**

I understand that all information in parts 1 through 6 of the application, my resume, and letters of recommendation will be provided to the staff involved in the selection process.

To promote, evaluate, or otherwise describe the efforts of ORAU and IUSSTF programs and activities, I give permission to ORAU and IUSSTF and its agents to use in connection with any publication (including but not limited to brochures, Web sites, booklets, reports, press releases, and exhibits) the photograph(s) video or audio productions, or any other files portraying my image or likeness in association with ORAU and IUSSTF in which I appear.

I certify that to the best of my knowledge all information contained in this application is accurate. I understand that any falsification will render me ineligible for participation and, if found after participation has begun, may require me to reimburse any funds received.

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

Date: (mm/dd/yy) \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

## **Research Internships in Science and Engineering (RISE) Program Reference Form**

References must be postmarked by February 12.

<b>Applicant:</b>			
	Last Name	First Name	Middle Name
<b>How long and in what association have you known the applicant?</b> (limit of 240 characters)			

Compared to other students of comparable age and experience you have known in the last five years, how would you rate the applicant with respect to the following **PERSONAL CHARACTERISTICS**?

	Below Average	Average	Good	Very Good	Exceptional	No Basis for Judgment
Motivation and persistence toward a productive career						
Growth during total period observed						
Imagination and originality of thought						
Emotional maturity and stability						
Ability to work with others						
Independence and self-reliance						
Leadership potential						
Students ability to work in a multicultural environment						

Compared to other students of comparable age and experience you have known in the last five years, how would you rate the applicant with respect to the following **SCIENTIFIC CAPABILITIES**?

	Below Average	Average	Good	Very Good	Exceptional	No Basis for Judgment
Mastery of fundamental knowledge in field						
Skill/originality of research project design						
Laboratory skill and technique						
Productivity in research						
Ability to communicate (written/oral)						

Add any descriptive comments that will assist in providing a complete picture of the applicant's abilities. Include specifics about this applicant that will demonstrate why this applicant will be persistent and productive doing research.

**Comments: (limit to 2000 characters or 1 page)**

Signature:	Date:
Typed/Printed Name:	Title:
Department:	Institution/Organization:
Telephone:	E-Mail: