

# R.I.S.E. Intern Program | Application Form 2019

## **2019 Program Dates:**

July 15, 2019 – July 26, 2019

Program is Monday – Friday 8:30 AM to 4:00 PM

Program is located on Aberdeen Proving Ground

## **Program Overview**

The RISE Intern Program is a paid internship opportunity for rising eleventh and twelfth grade students (16 years of age by July 1, 2019) from Harford County Public Schools (HCPS), Cecil County Public Schools (CCPS), Baltimore County Public Schools (BCPS) and Baltimore City Public Schools (BalCityPS).

## **The 2019 RISE PROGRAM at Aberdeen Proving Ground**

The RISE Program provides a one-of-a-kind, in-lab experience to students who have an interest in Science Technology Engineering and Mathematics (STEM), and who are seeking a meaningful, hands on engagement. Program participants work directly with professional engineers, mathematicians, scientists and IT Specialists to complete results oriented research and testing projects. This year, selected students will be assigned to working labs across the Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) community, where they will engage in the types of engineering being performed within the Army Science & Technology community.

Unlike other summer STEM experiences that are based in a classroom or camp, the RISE program gives participants the experience of working in a functioning lab along-side the world-class professionals of Aberdeen Proving Ground.

Over the course of the two-week program, students spend between six and seven hours each day working in professional APG labs. Students are exposed to real-world technology and provide assistance to the engineers and scientists who work at APG to support the Soldiers. During their time with the RISE program, students work in teams to complete a series of tasks and projects. At the conclusion of the two-week program, students present their work to representatives of APG leadership as well as leadership from local participating industry partners and local academia.

In addition to developing technical skills and building professional relationships with mentors and teammates, students also complete an eight-hour leadership curriculum written specifically to address the needs of future professionals and leaders with topics addressing effective communication, public speaking, reputation management and career development. Students are also given the opportunity to engage with Senior Leaders from across the APG community to learn the secrets of success and the best ways to prepare for the future.

Students selected for the RISE program are paid a stipend for the two-week session via the existing Oakridge Institute for Science and Education (ORISE) contract.

### Application Criteria:

The RISE program serves students that have an interest in and an aptitude for STEM who are seeking to advance their knowledge and experiences.

All interns selected to participate in the RISE Intern Program at APG must meet the following basic eligibility criteria:

- Students must be a **current** U.S. Citizen (if student holds dual citizenship, contact the RISE program at 443-395-7396 to request a security determination as to whether individual is eligible)
- Students must be 16 years of age or older on or before July 1, 2019. Both rising juniors and rising seniors are eligible to participate. **Current year seniors who will graduate in 2019 are not eligible for RISE.**
- Students must attend a **public school** in one of the following districts: Harford County Public Schools (HCPS), Cecil County Public Schools (CCPS), Baltimore County Public Schools (BCPS) and Baltimore City Public Schools (BalCityPS)
- Students must have no major disciplinary history
- Students must have a minimum **Cumulative** GPA of 2.0 (Preferred program GPA is 2.5. )
- Students from the Science and Math Academy, STEM Academy or any other STEM-centered schools are not eligible to participate in this program.

Placement priority will be given to students who self-identify in one or more of the following categories:

- Qualifying for a free or reduced lunch
- Minority historically underrepresented in STEM (Alaskan Native, Native American, Black or African American, Hispanic, Native Hawaiian or other Pacific Islander)
- Female pursuing research in physical science, computer science, mathematics, or engineering
- Students receiving special education services/ Students having a disability
- Students for whom English is their second language
- Students who are potential first-generation college student (parents did not attend college)

**(See page 3 for complete explanation of the RISE Application Review Process)**

**RISE Application Review Process** - Each RISE Application Packet goes through a four-step process.

ACTION	CONDUCTED BY
<p><b>STEP ONE</b> – Review for Completeness –</p> <p>Each application is reviewed to ensure it is complete. Incomplete applications cannot be advanced for eligibility review</p>	RISE Program Office
<p><b>STEP TWO</b> – Review for eligibility</p> <p>Each application is reviewed to ensure that the student meets all of the basic eligibility requirements. Once the application has been reviewed for basic eligibility, pages 4-7 are removed and the rest of the application is redacted before being sent to the RISE Panel for review</p>	RISE Program Office
<p><b>STEP THREE</b> – RISE Panel Review</p> <p>Each application is reviewed by three members of the RISE Review Panel. Panel members review the Applicant Questionnaire, the Essays, Transcripts and Letters of Recommendation and assign each area a score. Scores from the three reviewers are then averaged, producing a “raw score” for all application packets</p>	RISE Review Panel
<p><b>STEP FOUR</b> – Application of Priority Points</p> <p>Once the application packet has been given a “raw score”, any “priority points” based on the chart on page 6 are applied. From here, the scores are re-adjusted and ranked. Students are accepted based on this final ranking.</p>	RISE PROGRAM OFFICE

**Application Requirements:**

ITEM	Pages
Basic Applicant Information – This information is used by the RISE program office only to determine eligibility and for internal tracking. The Basic Applicant Information is not shared with the RISE Application Review Panel.	4-7
Applicant Questionnaire	8-9
Essay Topics	10
Transcript Requirements	11
Recommendation Instructions	12
Blank Recommendation Forms	13-16
Submission Instructions	17

## Basic Applicant Information (Please type)

The following basic application information is for use in the RISE program office only. The information on application pages 4-7 **will not** be shared with the application review panel. Further, all applications are fully redacted prior to panel review to minimize bias in the process.

<b>Applicant Name (First)</b>		<b>Applicant Name (Last)</b>	
<b>City/ Town</b>	<b>County</b>	<b>Student Email Address</b>	
<b>Student Home Phone Number</b>		<b>Student Mobile Phone Number</b>	
<b>Parent/Guardian Name #1</b>		<b>Relationship to Student</b>	
<b>Parent/Guardian #1 Home Phone Number</b>		<b>Parent/Guardian #1 Mobile Phone Number</b>	
<b>Parent/Guardian #1 Place of Employment</b>		<b>Parent/Guardian #1 Email Address</b>	
<b>Parent/Guardian Name #2</b>		<b>Relationship to Student</b>	
<b>Parent/Guardian #2 Home Phone Number</b>		<b>Parent/Guardian #2 Mobile Phone Number</b>	
<b>Parent/Guardian #2 Place of Employment</b>		<b>Parent/Guardian #2 Email Address</b>	

The following questions are related to the employment of the applicant's family. The answers are for tracking purposes only and **will not** impact acceptance into the RISE program. The responses to the following items will not be shared with the review panel.

				<b>Y/N</b>
<b>Is any member</b> of the applicant's immediate family (parent/ step-parent/ guardian/ sibling/ aunt/ uncle/ grandparent etc.) current <b>uniform</b> military personnel				
**If yes, is the individual currently stationed at APG?				
<b>Is any member</b> of the applicant's immediate family (parent/ step-parent/ guardian/ sibling/ aunt/ uncle/ grandparent etc.) employed on APG as civilian or contract personnel				
<b>** If yes, please answer the following</b>				
<b>CIV/ CTR</b>	<b>Organization</b>	<b>Title</b>	<b>Email</b>	

## Basic Program Eligibility and Participation Requirements:

Each statement requires an initial from the applicant and a Parent or Guardian, confirming the applicant understands and meets the requirements

DOB (dd/mm/yyyy)	Grade (2018-2019 School Yr.)	School	Cumulative GPA	Anticipated Graduation Date

Statement	Student	Parent/Guardian
<ul style="list-style-type: none"> <li>Applicant is a US Citizen (If applicant holds dual citizenship, please contact us at the program office- 443-395-7376 immediately for further instructions)</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant will be 16 years of age or older on or before July 1, 2019</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant has no significant disciplinary history</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant has a minimum <b>Cumulative GPA</b> of 2.0 (<b>Preferred program GPA is 2.5</b>)</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant has <b>NOT</b> participated in RISE in past years (<u>Please note - students who have already participated are disqualified from consideration</u>)</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant is available for the entire program session – July 15 – July 26, 2019</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant attends <b>Public High School</b> in one of the following districts:               <ul style="list-style-type: none"> <li>Harford County Public Schools (HCPS)</li> <li>Cecil County Public Schools (CCPS)</li> <li>Baltimore County Public Schools (BCPS)</li> <li>Baltimore City Public Schools (BalCityPS)</li> </ul> </li> </ul>		
<ul style="list-style-type: none"> <li>Applicant is <b>NOT</b> a Student from the Science and Math Academy (HCPS), STEM Academy (CCPS) or ANY OTHER dedicated STEM School.</li> </ul>		
<ul style="list-style-type: none"> <li>Applicant will <b>NOT</b> have graduated High School prior to program start.</li> </ul>		

<b>Statement-</b> Please read and initial next to the following participation requirements. A parent/guardian must also read and initial the appropriate box to confirm receipt and agreement to the below requirements.	<b>Student</b>	<b>Parent/ Guardian</b>
<ul style="list-style-type: none"> <li>RISE program hours are 8:30 AM – 4:00 PM. (Due to security concerns, students are to arrive no earlier than 8:00 AM and must depart no later than 4:30 PM) Consistent failure to arrive or depart on time may result in the student being removed from the program at the discretion of the program lead.</li> </ul>		
<ul style="list-style-type: none"> <li>RISE students must actively participate in all program activities and follow the instructions / guidance of program mentors and staff. Students failing to appropriately participate in program activities (i.e. being disruptive, sleeping, not completing program assignments) may be immediately removed from the program at the discretion of the program lead.</li> </ul>		
<ul style="list-style-type: none"> <li>RISE students must follow all stated APG regulations for security, force protection, safety and access.</li> </ul>		
<ul style="list-style-type: none"> <li>RISE students must follow stated dress codes, to include any safety requirements (closed-toed shoes, long pants and sleeves, etc.).</li> </ul>		
<ul style="list-style-type: none"> <li>RISE students must complete all program paperwork and requirements by the stated deadlines.</li> </ul>		
<ul style="list-style-type: none"> <li>RISE students are to be on time and present for all program sessions. Failure to contact the program office <b>PRIOR</b> to any lateness or absence may result in immediate removal from the RISE program.</li> </ul>		
<ul style="list-style-type: none"> <li><b>RISE students must conduct themselves at all times in a manner appropriate to a professional environment.</b></li> </ul>		

### Priority Placement Identification

<b>Review the following and mark all that apply</b>	<b>Y/N</b>
Student qualifies for free or reduced lunch	
Student identifies as a minority historically underrepresented in STEM (Alaskan Native, Native American, Black or African American, Hispanic, Native Hawaiian or other Pacific Islander)	
Student is a female pursuing research in physical science, computer science, mathematics, or engineering	
Student receives special education services and/or has a disability	
Student speaks English as a second language	
Student is a potential first-generation college student (parents did not attend college)	

**Acknowledgement of Application Information:**

I have read all of the program requirements. All of my answers are truthful to the best of my knowledge. I understand that failure to meet program requirements or failure to follow participation requirements could result in immediate removal from the program.

<b>Student Name (Typed)</b>	<b>Date</b>
<b>Student Signature</b>	
<b>Parent/Guardian Name (Typed)</b>	<b>Date</b>
<b>Parent/ Guardian Signature</b>	

**Applicant Background:**

<b>Expected Graduation Year</b>	
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RISE seeks to have well rounded students who are interested in expanding their STEM experience as they pursue future opportunities. Please complete the following sections to tell us who you are.

As you complete the below section, please remember, all applications are redacted prior to review. To this end - **DO NOT include any identifying information (including but not limited to- names of contacts, personal identifiers for race, gender or school, contact information, or any other detail that would have to be redacted)**

Please use the space below to list all STEM (Science, Technology, Engineering, and Math) courses you have completed in school. Please include the grade received.

Course	Year	Grade

Please use the space below to list any extracurricular activities you engage in. Please note any leadership positions. **These do NOT have to be STEM related activities.**

**\*\* For Boy Scout/ Girl Scout activities – please list only as “scout” and for any sports – please list as “JV Sport” or “Varsity Sport” as opposed to specific sports such as “football” or “softball” to minimize gender identification.**

Activity	Year



Please use the space below to list any work experience or volunteer experience.

Activity	Location	Year

Please use the space below to list any awards or honors you have received. **These do NOT have to be STEM related.**

Activity	Location	Year

Please use the space below to list any other knowledge, skills or abilities that will make you an asset to the RISE program. **These do NOT have to be STEM related.**

Knowledge/ Skills/ Abilities

## Applicant Essays:

The applicant essays are designed to help the review panel gain a deeper understanding into who you are, what you will bring to the RISE program, how you think, and what you hope to achieve.

Please remember **DO NOT include any identifying information** (including but not limited to names of contacts, personal identifiers for race, gender or school, contact information, or any other detail that would have to be redacted).

### Essay #1 (Minimum 500 words)

Please prepare an essay in response to the following topic:

“Describe ONE impactful or inspirational experience that contributed to your interest in Science, Technology, Engineering, and/or Mathematics.”

### Essay #2 (Minimum 500 words)

Please prepare an essay in response to the following topic:

“Will computers ever think? Explain your views on the future of Artificial Intelligence – is it possible? Is it probable? Should it be achieved? What are the dangers? Will we one-day have evil robot overlords?” (Be sure to justify your answer)

Applicants are required to complete **BOTH** essays.

### **Instructions for Submitting your Transcript:**

Your application package must include a copy of your most recent official transcript. This is different from a schedule or report card, neither of which will be accepted in place of a transcript.

The transcript should be current to include grades from the First Quarter of the current school year.

Program GPA requirements are based on the overall **cumulative GPA** – Not on single year GPA.

- The minimum Cumulative GPA for program participation is 2.0
- The Preferred Cumulative GPA for program participation is 2.5.
- Students with a cumulative GPA lower than 2.0 are not eligible to participate in RISE

When submitting your transcript, please scan and submit electronically as part of your application packet.

**REMINDER:** all attachments must be completed and returned to us via email **as either .doc, .docx or .pdf formats.** No other formats will be able to be accepted.

If you have technical difficulties, contact the program office at [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil) or via phone at 443-395-7376.

For assistance obtaining your transcript, please see your school guidance office.

**Applications without formal transcripts will not be processed.**

## **Instructions for Recommendations:**

Please submit two (2) completed recommendation forms. Recommendation forms are to be completed by someone who can speak to the applicant's academic or professional experiences and their readiness to complete the RISE program successfully.

### **Recommendation Forms are NOT to be completed by any member of the student's family.**

If preferred, individuals completing the recommendation form can send it directly to the RISE program office: [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil)

If submitting the RISE Recommendation Form directly, please be sure to have the recommender include the subject Line:

"RISE Recommendation Form – Student Last Name"

Recommendations must be submitted to [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil) and be received no later than **January 21, 2019 at 11:59 PM** for consideration. Recommendations received after this deadline will not be processed.

For questions or technical assistance, please contact the RISE program office at 443-395-7376

Each student is to submit only two (2) recommendation forms. Additional recommendation forms will not be processed.

### **Recommendations not submitted on the provided form will not be processed.**

**NOTE:** As a part of the RISE Application review process, all packets are redacted so that the panel does not have access to personal identifiers (name, gender, town, race, county, etc.) Please remember **DO NOT include any identifying information when completing the Recommendation Form** (including but not limited to- personal identifiers for race, gender or school, or any other detail that would have to be redacted. Please do include the applicant's name in the provided box to allow for tracking. This will be redacted prior to review).

**RISE Recommendation Form –**

Applicant Name

General Recommendation – Please rank the applicant on each of the following factors					
	Consistently (5)	Sometimes (4)	Neutral (3)	Rarely (2)	Never (1)
<b>Adaptability:</b> Applicant approaches ideas and problems from a number of direction finding alternative means of solving problems.					
<b>Initiative &amp; Enthusiasm:</b> Applicant is a highly motivated, independent worker. Applicant seek additional tasks, is intellectually curious; and stays actively engaged in activities.					
<b>Persistence:</b> Applicant demonstrates perseverance when facing new or complex tasks and exhibits a willingness to keep trying until success is achieved.					
<b>Communications:</b> Applicant communicates effectively and appropriately with adults and peers.					
<b>Organization:</b> Applicant manages time well, meets deadlines and demonstrates good overall organizational skills.					
<b>Teamwork:</b> Applicant demonstrates respect for others, accepts the ideas of others, and contributes successfully to the group process.					
<b>Success:</b> Applicant displays the ability to succeed in a challenging, rigorous program.					
<b>Please provide any additional comments to help the review panel gain a deeper understanding of the applicant:</b>					

Basic Information			
Name of individual providing recommendation	Relationship with applicant	Number of years you have known the applicant	Title (If this is an academic recommendation, please do not include school name – simply teacher/ subject.)
Phone Number		Email Address	

**RISE Recommendation Form –**

Applicant Name

<b>General Recommendation – Please rank the applicant on each of the following factors</b>					
	<b>Consistently (5)</b>	<b>Sometimes (4)</b>	<b>Neutral (3)</b>	<b>Rarely (2)</b>	<b>Never (1)</b>
<b>Adaptability:</b> Applicant approaches ideas and problems from a number of direction finding alternative means of solving problems.					
<b>Initiative &amp; Enthusiasm:</b> Applicant is a highly motivated, independent worker. Applicant seek additional tasks, is intellectually curious; and stays actively engaged in activities.					
<b>Persistence:</b> Applicant demonstrates perseverance when facing new or complex tasks and exhibits a willingness to keep trying until success is achieved.					
<b>Communications:</b> Applicant communicates effectively and appropriately with adults and peers.					
<b>Organization:</b> Applicant manages time well, meets deadlines and demonstrates good overall organizational skills.					
<b>Teamwork:</b> Applicant demonstrates respect for others, accepts the ideas of others, and contributes successfully to the group process.					
<b>Success:</b> Applicant displays the ability to succeed in a challenging, rigorous program.					

**Please provide any additional comments to help the review panel gain a deeper understanding of the applicant:**

**Basic Information**

Name of individual providing recommendation	Relationship with applicant	Number of years you have known the applicant	Title (If this is an academic recommendation, please do not include school name – simply teacher/ subject.)
<b>Phone Number</b>		<b>Email Address</b>	



## Application Submission Instructions:

Applications must be submitted to [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil) and be received no later than **January 21, 2019 at 11:59 PM** for consideration. The forms, essays and attachments must be completed and returned to us via email as either .doc, .docx or .pdf formats

**Forms submitted in formats other than doc, .docx or .pdf, submitted via link (google docs etc.) or submitted after the deadline will not be accepted or processed.**

If you have technical difficulties, contact the program office at [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil) or via phone at 443-395-7376.

The RISE program will notify applicants of selection status by the end of March.

Please contact the RISE Program Office at [usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil](mailto:usarmy.apg.rdecom-cerdec.mbx.outreach@mail.mil) or via phone at 443-395-7376 to confirm receipt of your complete application.

**Please note:** To ensure applications are complete, the RISE program recommends submitting in advance of the deadline. Once the application deadline passes, students will not be able to submit additional documents or address incomplete applications.

### Application Checklist:

Use this checklist to ensure you have completed and attached all required application information. Incomplete applications may not be processed and missing information or attachments could prevent acceptance into the program.

ITEM	Completed
Basic Applicant Information	
Applicant Questionnaire	
Essay #1	
Essay #2	
Current Transcript	
Recommendation #1	
Recommendation #2	