2018 Summer Repperger Program

To honor the works of Dr. Daniel Repperger, the U.S. Air Force Research Laboratory (AFRL (http://www.wpafb.af.mil/afrl/)) is sponsoring an amazing opportunity for graduate and undergraduate students to participate in The Repperger Research Internship Program.

Dr. Daniel W. Repperger (1942-2010) was one of the Air Force Research Laboratory's top scientists and a mentor of many young engineers and scientists. As a researcher in the Air Force Research Laboratory's Human Effectiveness Directorate for 35 years, Dr. Repperger's mathematical and scientific innovations revolutionized image and network complexity analysis. He received international recognition in haptic controllers, human-machine interface performance enhancement, and mathematical methods development. While Dr. Repperger's significant research accomplishments helped advance the performance of Air Force Airmen and the field of human-centered research, his most significant accomplishment was the impact he had as a kind and caring mentor of many young Air Force scientists and science and engineering students.

Through this program, Interns will work under the mentorship of an Air Force Scientist, where they will be exposed to current research initiatives in the Science, Technology, Engineering and Mathematics (STEM) fields at Wright Patterson Air Force Base, Ohio. Interns will be paid a stipend for a period of ten (10) weeks.

Click here to reference AFRL Repperger Opportunities and Apply (https://www.pcrecruiter.net/pcrebin/regmenu.aspx?boardid=51zWN7cFaCP1%2f10MAneb4d4u9wF2X4c7PLelDQsZerPZ99fdu67Bdk ConsultantWU3jAmQF%2fnpzGo1898Z%2bw%64%0d%0aKd4%3d)

Application Deadline: January 21, 2018 at 5:00p.m. EST

Please list the appropriate Project ID# on your application.

Project Opportunities are also listed in the Opportunities Book (Repperger Intern Project Brochure - 2018.pdf)

Instructions

1. For the on-line application, only ONE application is needed for all projects and programs. Additionally, please have the items listed below available for uploading into the on-line application system.
   - Resume (include list of any papers, presentations, or publications)
   - Transcripts from all schools attended, original student copies are acceptable (students, postgraduates and certificate a

2. An email will be forwarded for persons familiar with your educational and professional qualifications (include your thesis or
dissertation adviser, if applicable)/Employers for a reference. PERSONAL REFERENCES ARE NOT ACCEPTABLE

3. Please remember to save your username and password to login to your account to make changes/updates to your application, or to apply to future projects.

The complete application and supporting materials will be forwarded to Program Officials for review.

Eligibility Requirements

- U.S. Citizenship
- Preferred candidates will be in current pursuit of a graduate STEM degree (MS/PhD). The Chief Scientist will review and undergradate candidates are encouraged to still apply.
- Overall GPA of 3.2+.
- Degree discipline must be in STEM or related.

Additional Details

- The Repperger Research Internship Program dates are:
- Participants are required to participate all full-time during the entire period.
- Hours of participation are 40 hours per week. Actual hours to be set by Mentor.
- Participants will be responsible for transportation and housing arrangements.

Please contact the ORAU Maryland office at (410) 306-9200 or Recruiter@ora.org (mailto:Recruiter@ora.org) with any questions.
# REPPERGER RESEARCH INTERNSHIP PROGRAM

**INFORMATION AND APPLICATION INSTRUCTIONS**

<table>
<thead>
<tr>
<th><strong>Program Dates:</strong></th>
<th>June 4 – August 10, 2018 (arrive June 3 – depart August 11)</th>
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<tbody>
<tr>
<td><strong>Program Hours:</strong></td>
<td>40 hours per week Monday-Friday (actual hours set by mentor)</td>
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<tr>
<td><strong>Stipend:</strong></td>
<td>$12,000 for 10-week period</td>
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<tr>
<td><strong>Lodging:</strong></td>
<td>Student’s expense - Click on items below for lodging options:</td>
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<td></td>
<td>- Apartment Finder</td>
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<td></td>
<td>- Local Hotel Search</td>
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<tr>
<td><strong>Research Locations:</strong></td>
<td>Wright-Patterson AFB, Dayton, OH or Fort Sam Houston, San Antonio, TX</td>
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<tr>
<td><strong>Number of Positions:</strong></td>
<td>Approximately 15 students will be selected for participation</td>
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<td><strong>Requirement:</strong></td>
<td>- Enrolled in school seeking an undergraduate or advanced STEM degree.</td>
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<td></td>
<td>- Must be a U.S. citizen</td>
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<td><strong>Final Report:</strong></td>
<td>All selectees are encouraged to prepare a PowerPoint presentation or poster by end of internship. Notifications will be made to those required to present their poster or slide deck during our intern summer close-out summit.</td>
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<tr>
<td><strong>Application Deadline:</strong></td>
<td>January 21, 2018 at 5:00 p.m. EST</td>
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**Application:**

Apply through this link: [http://www.orau.org/maryland/repperger.html](http://www.orau.org/maryland/repperger.html)

You will be required to provide; Curriculum Vitae, Copy of Transcript (unofficial is okay), copy of proof of U.S. citizenship, Letter of recommendation from current faculty adviser (if sent directly from your adviser, please have them add your name in the subject line)

**Proof of U.S Citizenship**

(submit 1 of the items shown on list with application)

- Copy of U.S. Passport
- Copy of Certified birth certificate issued by the city, county or state of birth
- Copy of Consular Report of Birth (of U.S. citizen) Abroad or Certification of Birth
- Copy of Naturalization Certificate
- Copy of Certificate of Citizenship

**Computer Access**

Students selected will be required to undergo a National Agency Check prior to being granted access to government computer systems.

**Notification:**

Students selected for the program will receive a fellowship with the Oak Ridge Institute for Science and Education (ORISE) to perform intern duties in the 711th Human Performance Wing.

**For More Info:**

Mike Reynolds, 937-255-7629, mike.reynolds.ctr@us.af.mil

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