# Wright Scholar Research Assistant Program




**2022 Summer Internship for STEM Students**







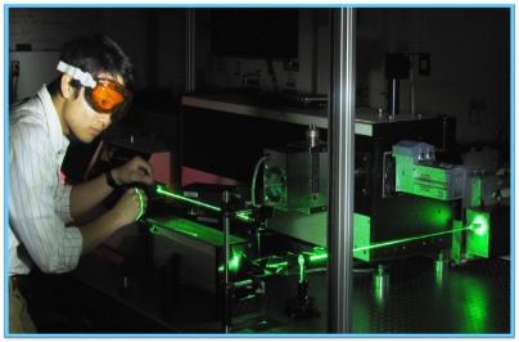


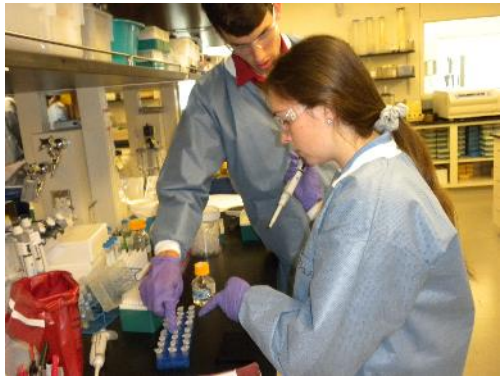
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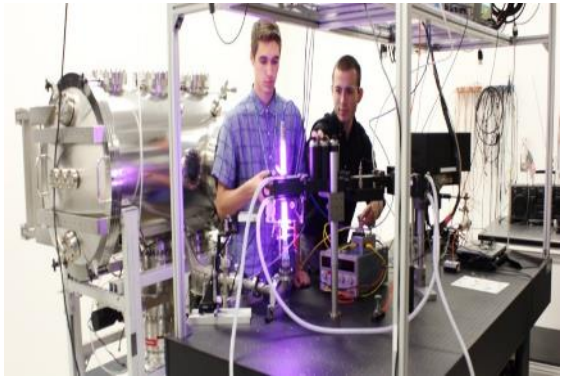
# What is the Wright Scholar program?

- This 9-week summer internship program employs exceptional high school juniors and seniors with a strong interest in engineering and science careers
- Wright Scholars are matched with Air Force Research Laboratory mentors based on areas of interest and mentor backgrounds/requirements
- Scholars conduct research on a mentor-provided project during the summer, then present their project work to their peers and mentors at program end
- Wright Scholars are paid for 40-hr work weeks













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# What Does a Wright Scholar Do?

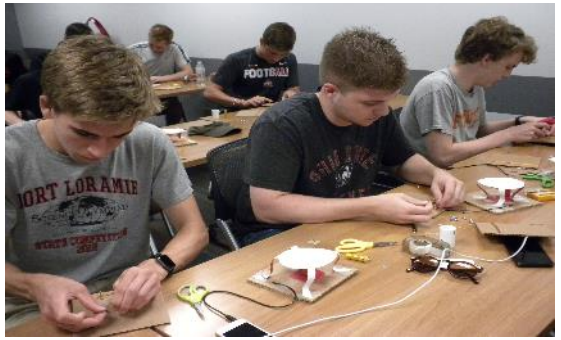
- For approx 32+ hrs/wk, Wright Scholars work with their mentors on a research project

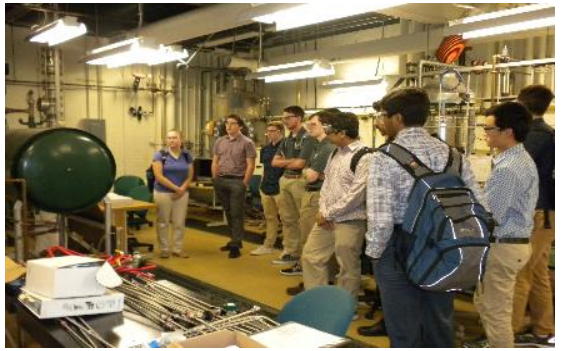
- For approx 8 hrs/wk, students:

  - Attend bi-weekly classes through the University of Dayton's engineering enrichment program
  - Attend workshops and tours at Wright State University and The Ohio State University
  - Participate in AFIT propulsion class
  - Tour various engineering and medical facilities, the USAF Museum, and a C-17
  - Attend weekly lectures featuring prominent scientists and engineers

**NOTE**: With the uncertainty of COVID-19, some events could become virtual.









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# Application Criteria

- Must be high school junior or senior at time of application
- Must be 16 years old and have valid driver's license by program start
- Must be U.S. citizen
- Must have overall GPA of 3.5 or higher
- Must have demonstrated interest in STEM career fields
- Must have own transportation OR means to get to/from work place each day with someone who already has base access

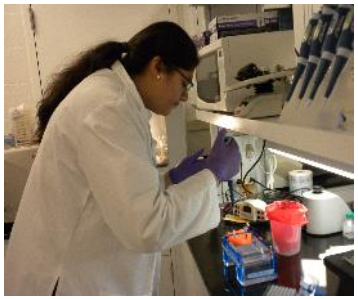














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# Unique Ranking & Selection Process

Applications will be scored and ranked by a review panel using a “blind” review where all personal data is removed to prevent biased scoring.

- Overall score is based on the following criteria:
  - Overall GPA
  - Difficulty of academic curriculum
  - Extracurricular activities
  - Demonstrated leadership
  - Specific interest/participation in STEM platforms
  - Credible work experience or major school project
  - Essay

Scoring is very competitive with approximately 26% of applicants selected to participate.









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# Why Students are Attracted to Program

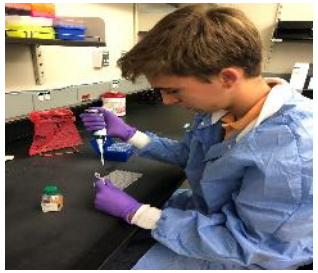
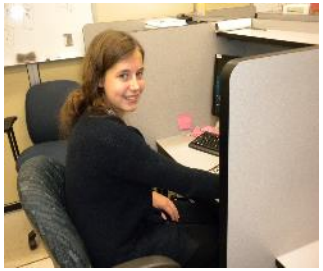
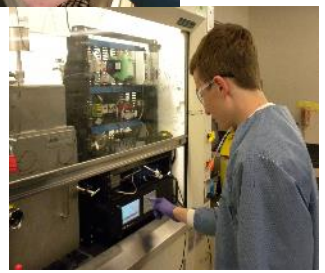







- Excellent work experience for resumes and college applications
- Opportunity to participate in cutting-edge research within the U.S. Air Force
- Learn about various STEM careers through classes, workshops, tours, lectures
- Participate in networking opportunity with local universities



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# Wright Scholar High School Participation

**109 high schools have participated including 23 out-of-state schools and 1 DoDEA school in Germany**

Students have come from the following Ohio counties/schools:

Butler- Cincinnati Christian, Lakota, Middletown, Talawanda

Champaign- Graham

Clark- Catholic Central, Emmanuel Christian Academy, Global Impact STEM Academy, Kenton Ridge, Northeastern, Northwestern, Shawnee, Springfield, Tecumseh

Darke- Tri-Village

Greene- Beavercreek, Bellbrook, Cedarville, Dayton Regional STEM School, Fairborn, Greeneview, Xenia, Yellow Springs

Hamilton- Seven Hills, Sycamore, Wyoming

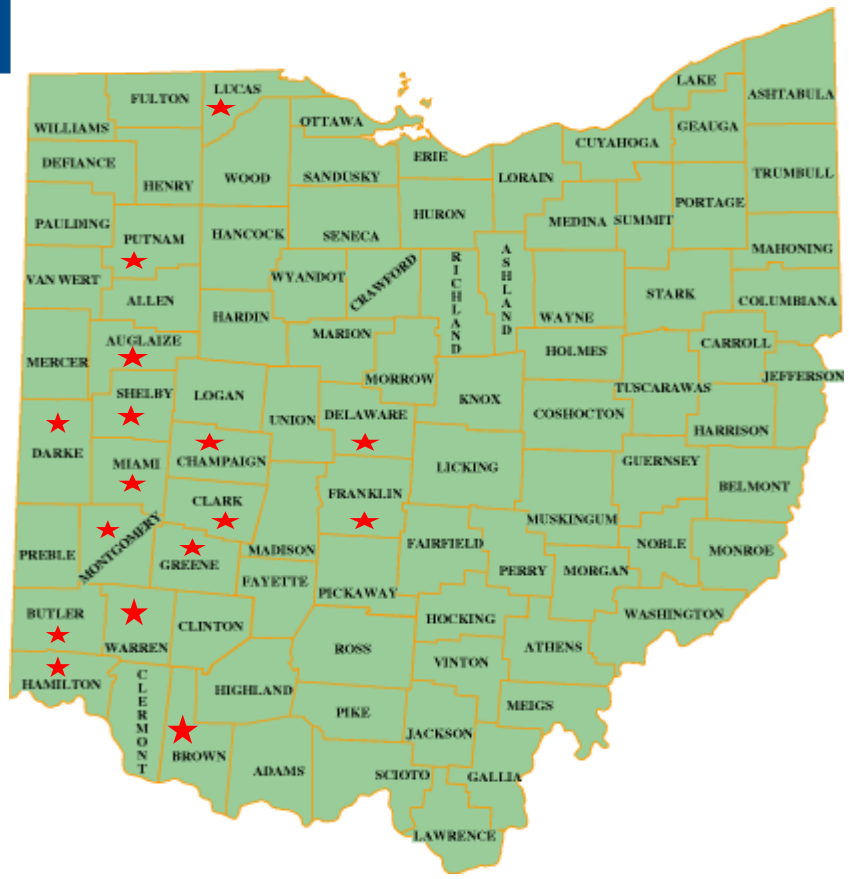
Miami- Bethel, Covington, Miami East, Milton-Union, Tippecanoe, Troy

Montgomery- Alter, Butler, Carroll, Centerville, Chaminade-Julienne, Dayton Christian, Dayton Early College Academy, Dixie, Fairmont, Miami Valley School, Miamisburg, Northmont, Oakwood, Stebbins, Wayne, West Carrollton

Shelby- Fort Loramie

Warren- Bishop Fenwick, Carlisle, Clinton Massie, Franklin, Lebanon, Little Miami, Mason, Springboro, Waynesville

Some have come from as far away as Auglaize, Brown, Delaware, Franklin, Lucas, and Putnam counties in Ohio




**Out-of-state and country representation from:**
California, Connecticut, Florida, Indiana, Kentucky, Louisiana, Michigan, New York, Oregon, S.Carolina, Tennessee, Texas, and Germany's DoDEA school!



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# 2022 Schedule

| | |
|---|---|
| 22 Nov 2021 | Application submissions begin |
| 10 Jan 2022 | Application deadline at 5:00 pm |
| 23-24 Mar | Students notified of selection/non-selection/alternate status |
| 28 Mar | Selected students respond with “accept” or “decline” offer |
| 30 Mar | Alternate students notified of selection or non-selection |
| 1 Apr | Selected alternate students respond with “accept” or “decline” offer |
| 6 Jun | Program begins for 1st year Wright Scholars |
| 5 Aug | Program ends (9 weeks) |



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# Wright Scholar Program Web Site and Point of Contact






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