

# Wright Scholar Research Assistant 2019 STUDENT APPLICATION FORM

Application instructions: Please type your responses, print the form, sign and scan, then submit as a pdf attachment to your e-mail (preferred) or fax (alternate method). Do NOT send a link to a file sharing site (e.g., Google Docs, etc.) since our network cannot access those sites. If you require more space, attach an additional sheet of paper and indicate your name and the question number for which you are responding. No transcript is required.

Application period is 19 Nov 2018 through 8 Jan 2019. Applications sent before or after these dates will not be accepted. To ensure receipt, submit your application during regular business hours (M-F 8am-5pm).

**Applications must be received no later than 5:00 pm, 8 Jan 2019.**

E-mail (preferred): [jeffrey.pearce.2.ctr@us.af.mil](mailto:jeffrey.pearce.2.ctr@us.af.mil)

OR

Fax (alternate): (937) 656-4659 - Contact Mr. Pearce at email above or 937-255-5015 to notify him of incoming fax.

Confirm receipt: You will receive a confirmation at the e-mail listed on your application (check Spam or Junk mail). If you do not receive confirmation within 5 days of submittal, you MUST contact Mr. Pearce at 937-255-5015 to verify receipt.

Name:			
E-mail:			
Street Address:			
City:	State:	Zip Code:	Phone:
Date of Birth (Must be 16-years-old by program start):			
City, State, Country of Birth (Must be a U.S. Citizen):			
High School Name:			
City:			
High School Phone Number:			
College Name(s) if Accepted:			
Planned Program of Study: (Note: This program is heavily focused on STEM career paths.)			
U.S. Citizen:    Yes            No			
(Note: Permanent residents and green card holders are ineligible.)			

In applying for a Wright Scholar position, I hereby certify that I have the following relative/s working at Wright-Patterson Air Force Base and understand I cannot directly report to this relative.

Family member's name	Relationship	WPAFB Organization
Family member's name	Relationship	WPAFB Organization
Family member's name	Relationship	WPAFB Organization

Student's Signature / Date: \_\_\_\_\_

I certify that I do not have any relatives working at Wright-Patterson Air Force Base.

Student's Signature / Date: \_\_\_\_\_

The preceding information will not be available to the selection committee. Your qualifications for becoming a Wright Scholar will be based solely on your application responses and essay. As such, do not reference any personal information (name, address, school, gender, etc) that might identify you as the applicant.

Applicant's Certification and Commitment (please check all that apply):

\_\_\_\_ I certify all information stated in this application is correct and that I have authored the essay portion of the application myself.

\_\_\_\_ I commit to mandatory attendance during the first week, including first-day orientation, and agree to full-time, 9-week participation during the program.

\_\_\_\_ I commit to abide by the attendance policy of no more than 5 days of absence and understand that excessive and unexcused absence may be grounds for dismissal from the program.

Start Date: 3 June 2019

End Date: 2 Aug 2019

List dates of absences (not to exceed 5 days): \_\_\_\_\_

False information will lead to disqualification from the Wright Scholar program.

Student's Signature / Date: \_\_\_\_\_

Parent or Guardian's Signature / Date: \_\_\_\_\_

School Official's Signature / Date: \_\_\_\_\_

School Official's Printed Name, E-mail, Phone # \_\_\_\_\_

(Principal or Assistant, Dean, Counselor, or other authorized school official must certify GPA as well as AP, honors, and college courses completed or currently taking)



# **Wright Scholar Research Assistant 2019 STUDENT APPLICATION FORM Selection Committee Use**

D. Provide detailed examples of demonstrated leadership (team captain, class officer, scouts, running a lawn service, leading a fund raiser, tutoring/mentoring others, community service, etc). Explain your duties.

E. Provide detailed examples that showcase your interest or participation in science, technology, engineering, and mathematics (STEM) platforms, such as FIRST Lego League, FIRST Robotics competition, school science fairs, Odyssey of the Mind, Science Olympiad, Science Bowl, Math Olympiad, science/math clubs, or 4-H/state fair competitions. If your school does not offer these, provide detailed information on other relevant hobbies/activities that demonstrate your interest in STEM, such as working with mechanical or electrical devices, building computers as a hobby, volunteering at a medical center, tutoring science/math, etc. Provide specific information that demonstrates your capabilities.

F. Describe any work experience, including your responsibilities. Indicate examples of strong work ethic, such as no unexcused absences or reprimands, completes assigned tasks, works well with others, etc. If no formal work experience, provide detailed description of the effort involved in a major school project (include grade awarded, teamwork involved, how you overcame challenges).

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G. Attach a typed essay (not less than one-half page or more than one page, single spaced, Times New Roman 12 point typeface) discussing one or more of the following topics.

Topics (list topic # and title at top of essay):

1. When did you decide you wanted to be an engineer or scientist and what experience or class brought you to this decision?
2. What type of scientist or engineer do you think you would like to be and why?
3. Research involves trying new things. Please give an example of when you stepped out of your comfort zone to experience something new in regards to science or engineering.
4. What do you hope to get out of the Wright Scholar experience?

Essay scoring criteria:

- Does it have a good introduction and conclusion?
- Does it meet physical limits (one-half to one page, single spaced, Times New Roman 12pt typeface)?
- Does it have good content, insight, and logical thinking?
- Is it well organized, structured, and does it guide the reader?
- Are the sentences, wording, and language clear?
- Does it provide creativity and originality of thought?
- Does it have correct spelling, grammar, punctuation, and paragraphs? Please proofread.

The essay will not contain quotes or rambling discussions irrelevant to content. The essay will not reference any affiliations, places of employment, schools, or any other personal info that might identify you as the applicant.

Traits of a winning essay:

- An interesting introduction
- A well thought-out storyline that combines good construction with active voice, avoids puffy words, and avoids the overuse of "I"
- A creative style of writing that demonstrates forward thinking and/or problem solving
- A conclusion that makes a point without restating prior phrases

# Wright Scholar Research Assistant

## 2019 STUDENT APPLICATION FORM

### Selection Committee Use

Which types of engineering and science field(s) are you interested in working? Choose your first, second, and third choices from the following list. We will do our best to match you with positions pending available mentors in those areas. A link to the **Career Descriptions** list that describes the type of work involved in each field is located near the bottom on the Wright Scholar Research Assistant main web page.

Aerospace engineer:

Behavioral scientist:

Biomedical engineer:

Chemical engineer:

Chemist/Biochemist:

Computer engineer/scientist:

Electrical engineer:

Materials engineer:

Mechanical engineer:

Physicist: