

Wright Scholar Research Assistant 2018 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 20 Nov 2017 through 8 Jan 2018. Applications sent before or after these dates will not be accepted.

Applications must be received no later than 5:00 pm, 8 Jan 2018.

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

OR

Fax (alternate): (937) 904-5546 - 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. If your application arrives between 22 Dec and 1 Jan, you will receive confirmation after the holidays.

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 engineering and science 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: 4 June 2018

End Date: 3 Aug 2018

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: _____

(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)

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Important Note: The review committee will be using a “blind” review, meaning that all personal info will be removed from the application to prevent biased scoring; therefore, do not list personal info in this section or in your essay that could identify you as the applicant. Do not make references to your particular school, religion, gender, race, or nationality (i.e., do not mention boy or girl scouts, just mention scouts).

Current grade you are in THIS school year:	High School Junior	High School Senior
A. Overall H.S. GPA using the standard cumulative <u>unweighted</u> GPA:		
Overall H.S. GPA using the <u>weighted</u> GPA including AP/Honors classes:		
Planned Program of Study/Career Path:		

Answer the following items (B-F) thoroughly WITH AS MUCH DETAIL AS POSSIBLE. Include only high school experiences. It is important you address ALL questions. Do NOT leave any blank. If you require additional space, attach a separate sheet and indicate your name and the question number to which you are responding.

B. List the five most advanced science and math courses (AP, honors, college, etc.) you have taken or are taking in high school and the grade received if completed. Include any engineering tech prep program classes that you are enrolled in at your school.

C. List participation in extra-curricular activities such as high school athletics, band, choir, orchestra, National Honor Society, school newspaper/yearbook, school officer, or any home school extracurriculars.

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D. List examples of demonstrated leadership, such as a team captain, class officer, scouts, running a lawn service, leading a fund raiser, tutoring or mentoring others, community service, etc.

E. List examples that show specific 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 volunteering at a medical center or vet office, working with mechanical or electrical devices, building computers as a hobby, etc. Provide DETAILED response that demonstrates your capabilities.

F. List work experience to include description of responsibilities, as well as strong work ethic, such as no unexcused absences or reprimands, completes assigned tasks, and works well with others. If no formal work experience, list an example of the effort involved in a major school project (include grade awarded, teamwork involved, completed on time, etc).

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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 proofreading?

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, the avoidance of puffy words, and the constant use 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

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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: