

REGISTRATION FORM

WRIGHT-PATTERSON AFB JOB SHADOW DAY
Friday, 9 March 2018 from 8:30 a.m. - 2:30 p.m. **PLEASE PRINT**

STUDENT NAME: _____ GRADE: _____ AGE: _____

EMAIL ADDRESS: _____

EMERGENCY CONTACT INFO: _____

NAME/PHONE NUMBER

SCHOOL: _____

JOB SHADOW EXPERIENCE DESIRED: (Please Indicate 1st, 2nd, 3rd, 4th and 5th Choices, list Career Field and Number)

1st Choice _____

2nd Choice _____

3rd Choice _____

4th Choice _____

5th Choice _____

SCHOOL CONSENT FOR STUDENT TO PARTICIPATE

I hereby grant permission for the student listed above to participate in the Wright-Patterson AFB Job Shadowing Day program **Friday, 9 March 2018, 8:30 a.m. - 2:30 p.m.**

SCHOOL OFFICIAL NAME (*PRINT*): _____

STUDENT IS U.S. CITIZEN:

SCHOOL OFFICIAL SIGNATURE: _____

YES ___ NO ___

SCHOOL PHONE: _____

I verify the student is a U.S. Citizen

E-MAIL: _____

PARENTAL CONSENT: Statement of Understanding, Hold Harmless Agreement and Photo Release

In consideration of the United States Air Force allowing my child or child under my legal guardianship, to visit Wright-Patterson Air Force Base for Job Shadowing activities, I, the undersigned, do grant permission to participate and agree to forever hold harmless Wright-Patterson Air Force Base, the United States Air Force, and the United States of America, its members, employees, and agents, whether acting officially or unofficially, from any and all actions, claims, and demands by reason of any damage, loss, or injury (including death) which may be sustained to my child or child under my guardianship, and arising out of, or incidental to participation in the Job Shadow day.

I, the undersigned, also hereby grant permission for the child listed above to appear in a photograph, video or digital imagery that may be taken and used by the Wright-Patterson Air Force Base Educational Outreach Program. I hereby waive any monetary or other rights that I have to inspect and/or approve the finished product of the copy.

Print Name

Phone and Hours You Can Be Reached

Parent Signature

Date

E-MAIL

Incomplete and/or illegible forms will not be accepted

Email Form to: Kimberly.Stultz.ctr@us.af.mil OR Fax: (937) 904-8033

2018 Spring Job Shadow Day Career Choices

1. **Aeromedical Evacuation Technician Instructor; Flight Nurse Instructor** – Tour the high bay. The high bay is where we do most of the training during our course. We teach new Aeromedical Evacuation Technicians and Flight Nurses how to do the job in different aircrafts at altitude. We have a C-17 and C-130 Simulator in the high bay. Our students graduate our course and go out to their units to take care of sick or wounded troops or family members all over the world.
2. **Cardiac Catheterization Lab** - We perform catheterizations on the heart. This is where we look at the "plumbing" of the heart to see if there are any blockages. We also perform electrophysiology procedures. In this procedure, we look at the electricity within the heart. We also implant pacemakers and defibrillators for heart problems. These procedures are performed in the Operating Room setting. I can also show heart tests that are performed on an outpatient basis.
3. **Chemical, Material & Mechanical Engineer** - Lightweight composite fabrications, Additive Manufacturing tour, and Characterization--hand-on SEM.
4. **Clinical and Anatomical Pathology Lab** - Did you ever wonder what happens after your blood is drawn? After your throat is swabbed? After a biopsy is taken? What happens to the tissue after it is taken from surgery? How do doctors know what blood to transfuse? Come and find out! The mysteries of the Clinical and Anatomical Laboratory will be unveiled to you as you rotate through Anatomic Pathology, Hematology, Clinical Microbiology, Clinical Chemistry, Urinalysis, and Transfusion Medicine. You will also have a chance to see and some touch human organs.
5. **Computer Engineer** - Tour the high performance computing facility and learn about computer hardware and high performance computing.
6. **Contract Specialist** - -Brief base tour/lunch at the club or in AFMC Headquarters. Opportunity to meet several military and civilian contracting officers/specialists. Possible trip to Air Force Installation Contracting Activity, located in Area A. Presentation of contracting process and what it's like to be an officer in contracting in the USAF.
7. **Contract Specialist** - Tour of the museum to help highlight some of the history of the base and to identify some of the weapons systems we acquire here. Base tour and identify some important stops along the way. Office tour and discuss some examples of work I've done. Conversations and introductions to some other leaders around the base.
8. **Contract Specialist** - Walk the students through the process of contracting from beginning to end and take them to speak with other specialists or contracting officers. Explain different aspects of the career field and the necessary education and training to obtain this employment. Discuss the different benefits to working for the government. If time allows, tour the museum to see different aircraft that are purchased from WPAFB.
9. **Dental** - Introduction and briefing on the different specialties that are involved in the dental career field. Students will be able to assist in procedures and shadow a dental assistant. They will also get to engage in hands-on activities with the dental lab technicians.
10. **Environmental Management** - Installation tour highlighting all major media areas of environmental management
11. **Financial Management, Acquisitions** - Tour work areas, meet co-workers, and discuss our roles in AFLCMC. Tour flight line/base ops in Area A. Tour SIMAF simulators in Area B.
*Possible tour of Air Force Research Laboratory and VR Simulators in lieu of other tours
12. **Flight Doctor** - Students would shadow me for a day, where I'll be doing direct patient care (in clinic). If there's downtime, I'll do some teaching to students (e.g. chalk-talk lectures). They may also get to see other areas of the clinic (like audiology, vision testing).

13. **Flight Operational Medical Technician, Medical Administration** - The students will get to see our operations in the Flight Medicine Clinic which is comprised of Base Operational Medicine Clinic, Occupational Health and Flight Medicine. They will see the tests performed for Annual Fly Physicals, Separation Physicals, Hearing tests, vision tests, and paraprofessional nursing. They will also get to interact with your flight surgeons and pick their brains regarding Aerospace medicine.
14. **Foreign Military Sales** - Overview of the Foreign Military Sales process. Tour of the program offices. Meet-and-greets. Lunch provided. Tour of a few historical sites on base.
15. **High Performance Computing (HPC), Computer Engineer** - Learn what it takes to operate a High Performance/Supercomputing Center and how to take advantage of the power it provides. Also learn about networks, visualization and tour the computer center.
16. **Legal** - Introduction into diverse mission of an Air Force Wing Legal Office. Students will meet both active duty and civilian attorneys and paralegals to learn about topics such as: family law, estate planning, civil law, contracts and environmental law, labor law, and military justice/criminal law. If time permits, students will participate in mock legal exercises.
17. **Materials Engineer, Modeling & Simulation** - Introduce to in-house technical research and program management found within the Metals Branch. The Metals Branch maintains the directorate's competency to understand and connect the processing (modeling, processing equipment, and additive manufacturing), structure (optical microscopy, scanning electron microscopy), property (models and testing laboratory), and performance (models and testing laboratory) needed for metallic materials development.
18. **Materials Engineering** – Learn about materials engineering by observing manufacturing of solid state batteries with aerosol jet printing. The student will get to learn about how to assemble a Li-ion coin cell battery. Tours will include the hybrid test bed for unmanned aerial vehicles and various materials characterization equipment.
19. **Mechanical, Aerospace, Electrical, & Biomedical Engineer, In-flight Patient Care, Acquisitions** - We are responsible for all Aircrew Flight Equipment to include masks, helmets, survival equipment and ejection seats. We have two labs that perform evaluations on materials and textiles and aeromedical test equipment. We manage the Uniform Office where many of the AF clothing designers work. We would bring the students to the office and do a show and tell with the equipment and then go for tours of the two labs and the Uniform Office.
20. **Medical Technician** - For those interested in pursuing a path into the medical field right out of high school. On par with that of a clinical LPN and skills similar to a paramedic; join us in WPAFB Internal Medicine clinic. We will go over basic Aerospace Medical Technician skills and knowledge as well as performing hands-on and didactic practice.
21. **Meteorology** - The day will be split into 2 portions: 1. First - The Base Weather Station with an overview of Operational Meteorology - forecasting techniques, observing, weather sensors, weather dynamics, etc. We'll also tour the airfield, tour the Air Traffic Control Tower and tour the ATC controller simulator, focusing on the integral part weather applications play in each of these areas. 2. Second - Travel over to Area B and collaborate with advanced degree Staff Meteorologist, who will detail the role they serve in advanced weapons research, development and integration as it applies to weather impacts.
22. **Operations Research, Cost Analyst, Financial Management, Acquisitions** – Introductions. Visit a few relevant exhibits of programs I've supported: F-22, MQ-9 Reaper, C-130, and C-17. Base tour. Visit office, discuss my career path, and discuss your career interests. Visit Air Force Research Labs Makers Hub.

23. **Optical Engineer, Molecular Biology, Accounting** – The day will be filled with activities centered around the treatment of the geriatric population with problems both acute, such as car accidents, ER follow ups and wound cultures; and chronic such as the treatment of cancer and behavioral disorders. Along with skills that can be beneficial in and outside of a clinical setting.
24. **Program Management** – Give an immersion brief on the Helicopter Program Office. Describe what a Program Manager (PM) does and introduce them to the functional areas a PM would oversee.
25. **Security Forces** – Discuss and show the different aspects that make up Security Forces such as Law Enforcement, Airfield/Base Security, Criminal Investigations, Deployments, CATM (Fixes all Air Force weapons and teaches others on how to shoot), K9, and Electronic Security. We will be displaying all of our weapons systems, from a M9 pistol to a M2 .50 cal machine gun, and will also host a K9 demo at our kennels.
26. **Software Engineer, Education, Modeling & Simulation, Computer Technology** - First look at some of the educational games (both digital and non-digital) that we have and that we're developing to teach cyber. Discuss and critique commercial games for their educational and training value. Discuss their experience with STEM education.
27. **Systems Engineering** - Demonstrate the many diverse aspects of Systems Engineering/Systems Integration Engineering to include how they interact with the other engineering functions to bring about a successful program.
28. **Visual Imaging** - Hands-on using Photoshop to color and creatively crop scientific images to use as art of science images used in AFRL HQ's hallways and conference rooms. The student may join me for a photo shoot, in a meeting, or spend a lot of the day with me at my desk observing how I work on graphics for the Air Force Research Laboratory. I would show the student displays and other products Corporate Communications have worked on.
29. **Visual Imaging, Optical Engineer, Medical Administration, In-flight Patient Care** - We'll show you what it is like to be in the Optometry work field in a medical hospital setting and not to mention some info on being in the Air Force has well. If this sounds good to you then go ahead and sign up!