

REGISTRATION FORM
WRIGHT-PATTERSON AFB JOB SHADOW DAY
Thursday, 17 October 2024 - 8:30 a.m. - 2:30 p.m.
PLEASE PRINT LEGIBLY
Incomplete and/or illegible forms may not be accepted

STUDENTNAME: _____ GRADE: _____ AGE: _____

SCHOOL: _____

EMAIL ADDRESS: _____ CELL PHONE NUMBER _____

EMERGENCY CONTACT INFO: _____
NAME/PHONE NUMBER

MEDICAL INFORMATION (allergies, emergency condition): _____

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

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 **Thursday, 17 October 2024, 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

Email Form to: Kimberly.Stultz.ctr@us.af.mil.

2024 Fall Job Shadow Day Career Choices

- 1. Aeronautical, Aerospace, & Mechanical Engineer:** I work in the turbine engine division of the Air Force Research Laboratory (AFRL), where I am a research engineer within a fan and compressor component test lab. To start the day, we will tour the Air Force Museum with a particular focus on the turbine engines and their development throughout the history of the Air Force. This background information will demonstrate the need for the work that AFRL does in the labs. After leaving the museum, we will go through some laboratory tours to see what types of tests and research are done in the turbine engine division of AFRL. If there is more time available, we may go through a demonstration of what a typical test looks like in the lab facility where I work.
- 2. Aeronautical, Aerospace, Electrical, Environmental, Mechanical, & Software Engineering, Acquisitions, Modeling & Simulation, Physics, Air Traffic Controller, C-17 Pilot, Systems Engineering Mishap Investigations Airworthiness:** Discuss what System Safety does. Working with folks from the simulation building to visit our Sim department on the base (AFLCMC/WNS). Working with Air Traffic Controllers, up on Area A to visit the base tower. Toward the end of the day, work with the 445th Air Lift Wing, to get a tour of the C-17.
- 3. Aerospace & Mechanical Engineer, Chemistry, Materials Science & Engineering:** Explore the cutting-edge research and development in metallurgy, where we innovate and enhance materials used in aerospace and defense. Participants will gain first-hand experience in advanced material analysis, processing techniques, and the critical role metals play in national security. During the tour, you'll see state-of-the-art equipment such as mechanical property testing, scanning electron microscopes (SEMs), and other high-tech devices used for material characterization and testing.
- 4. Air Traffic Controller:** Tour the WPAFB tower cab & simulator; have a Q&A with AF and/or Air Traffic.
- 5. Aircrew Flight Equipment (AF Reserve) - Role: Inspection, maintenance, and pre-positioning of life saving, and survival equipment used by C-17 Aircrew (Pilots, Loadmasters, Aeromedical):** We will begin by going over the career field, our role, and the equipment used by aircrew on the C-17. Equipment sections are Chemical Defense, Oxygen Masks, Night Vision Goggles, Survival Equipment, Emergency Parachutes, & Life Rafts. We will go out to a C-17 Aircraft and review the survival and life support equipment pre-positioned for safety throughout the aircraft. If we have time and if they are available, we will be able to visit and speak to: C-17 Pilots and Loadmasters, Aeromedical Evacuation Personnel Technicians and Nurses, and Survival Evasion and Resistance Instructors (SERE).
- 6. Architect, Project/Construction Manager, Interior Design, Civil, Electrical, & Mechanical Engineering:** How do you change an airplane engine mid-flight? Or better, how do you overhaul a building with active world-class research inside? We'll show you. Come join our Facility Engineering Team for an in-depth behind the scenes tour of the Materials and Manufacturing Directorate. See what it takes to maintain and modernize our WWII age facilities for world-class research and materials development. During our time together we'll cover planning/design, engineering and construction activities for various disciplines, tour ongoing construction projects, and take time for a Q&A team session over lunch.
- 7. Biology/Natural Resources:** I will take the student(s) to various areas of the base that I manage and have ongoing conservation/restoration projects at. Huffman Prairie, Wright Memorial (arboretum), the honeybee yards, the wetlands, etc.
- 8. C-17 Pilot:** Tour of the 89th Airlift Squadron which operates the C-17 Globemaster III transport aircraft. Pilots, Loadmasters, and Intelligence Personnel will be available to answer questions. We will provide a tour of a C-17 where students can sit in the cockpit and learn more about our missions.
- 9. Chemistry, Molecular Biology, Environmental Engineer, Industrial Hygiene:** Research portfolio overview, Lab tour, Shadow individual researchers conducting research within the portfolio (equipment tests, computational models), Lunch, Q&A
- 10. Dental Assistant/Dental Lab:** Learn about room set-ups and tear downs, the Infection Control Process, paperwork, and the day-to-day work in a dental lab.

- 11. Electrical & Software Engineering:** Starting off in the AFLCMC Innovation Lab where they will see how the Air Force trains using commercial simulators. Then off to a tour of the 88th Air Traffic Control tower followed by a tour of a C-17. Students will be exposed to Air Force enlisted, officer and civilian employees who can talk about those career paths.
- 12. Force Development Flight (Education & Training), Personnel, Program Management:** The student will have the opportunity to learn about educational opportunities provided by the Workforce Development flight and how we assist in the development of the Wright-Patt populace as well as managing developmental programs. If any of the programs are in session, the student will have an opportunity to sit-in and experience the live trainings.
- 13. Human Resources, Personnel, Security Management Training Management:** Students will get a chance to see the behind the scenes of the Force Support Squadron. This is a very inclusive day of learning about not only Security and Training (my two main focuses), but also general details of manpower, military and family readiness, mortuary, childcare, and personnel actions.
- 14. Legal:** See a day in the life of a JAG Corps member. Students will meet and chat with members of different sections of our office from Civil Law to Military Justice to Office Leadership. Learn what we do day-to-day and our various career paths that got us here. Students will learn about legal assistance, operations law, military justice (criminal law), ethics law, and more.
- 15. Radiology:** Show a PowerPoint of all the things we do. Show around the department including X-ray, CT, MRI, Nuclear Medicine, and Ultrasound. We will also go over what it is like to be in the military.
- 16. Radiology, Physics, Visual Imaging, X-ray Computed Tomography:** X-ray Computed Tomography with the highest resolution CT microscope in the world: working on one or more steps of the XCT workflow: setting up a sample run, reconstructing data, visualizing the result with ORS Dragonfly.
- 17. Systems and Test Engineering, Safety Engineering:** Learn about the AFRL Flight Test Process and how Airworthiness Systems Engineers, Safety and Flight Operations Test Engineers come together to safely execute a flight test and how one can get involved in each career field.
- 18. USAF Recruiter:** Base tour. Recruitment events. If you are interested in learning more about joining the Air Force, this would be a great spot for you.