REGISTRATION FORM
WRIGHT-PATTERSON AFB JOB SHADOW DAY
Friday, 8 April 2016 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, 8 April 2016, 8:30 a.m. - 2:30 p.m.**

SCHOOL OFFICIAL NAME *(PRINT)*: _____

SCHOOL OFFICIAL SIGNATURE: _____

SCHOOL PHONE: _____

E-MAIL: _____

STUDENT IS U.S CITIZEN:

YES ☐ **NO** ☐

I verify the student is a U.S. Citizen

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

2016 Spring Job Shadow Day Career Choices

1. **Acquisitions & Finance:** Visit C-130, F-22, and Predator/Reaper museum exhibits; discuss student academic interests and career plans; share my education experience and career path (Engineering to Financial Management). Base tour.
2. **Acquisitions, Aircraft Maintenance, Electrical Engineer:** Briefing of the overall program of the C-17 Training System. Tour the C-17 Simulator and potentially have an opportunity to let the students fly the Simulator in full motion. If you can fly the Sim you can fly the real thing!
3. **Acquisitions, Finance, Foreign Military Sales:** Discuss the Foreign Military Sales process. Tour the Mobility Directorate and the Acquisitions Complex. Base tour.
4. **Aeronautical & Mechanical Engineer:** Engine Cutaway Display (Critical features on an engine, how engineers work together to design). Tours (Multiple meet the people or shop tours available depending on interest identified by student(s)).
5. **Aeronautical & Mechanical Engineer:** Visit several supersonic combustion research laboratories to talk about experiments in engineering; visit laser lab to discuss how we apply advanced laser diagnostics to combustion systems; discuss any ROTC interests and talk with form ROTC participants and current active duty military.
6. **Aerospace Engineer, Physics, Analytical Chemistry:** We work in the AFRL Commander's Action Group and represent backgrounds including Physics, Analytical Chemistry, and Aerospace Engineering. We will visit labs, engage in a broad swath of work, including human performance research, materials and manufacturing, and electro-magnetic sensors.
7. **Air Traffic Controller:** Tour of the Air Traffic Control Tower followed by a Q&A. Meet the Tower Chief Controller. Students will engage in practical application of our skill set utilizing our state of the art $300K ATC simulator. The students will have an opportunity to watch live air traffic control in the tower, over-watching the airfield.
8. **Air Traffic Controller:** WPAFB Air Traffic Control Tower tour to include the tower cab, simulator, and all other operations agencies inside the facility. Educate on general details of air traffic control and how we and the aircraft operate together. Tour the dorms and possibly a gym facility.
9. **Bioenvironmental Engineer:** Briefings on Chemistry, Dosimetry and Radiation labs. Tour the facilities.
10. **Biomedical Engineer, Program Management:** Tours of man-rated biodynamics facilities, showing live human testing as well as video from human and animal testing; a glimpse at the logistical aspects of coordinating and managing a biodynamics study; additional tours of applied neuroscience and On-Board Oxygen Generating Systems labs.
11. **C-17 Loadmaster, Modeling & Simulation, Software Engineer, Visual Imaging:** Visit the AFRL lab to show some of the research being done on base. Tour the C-17 aircraft, then on to the C-17 simulator so they can see how we model the aircraft in the simulator.
12. **C-17 Pilot:** 1 hour flight in C-17 simulator, tour of C-17 aircraft, tour of 89th Airlift Squadron, introduction to Aircrew Flight Equipment including NVG demonstration, mock mission briefing.
13. **Child Growth and Development:** Tour one or more of the four Child Development Programs on base, as well as the School Age Program. Meet the Child Development Directors, Training & Curriculum Specialist, School Age Coordinator, Youth Director & Flight Chief.
14. **Civil Engineer:** Office visit and show them the different maps we design. Also show the computer side of our job with AutoCAD and ArcMap. Weather permitting we will venture outside so I can show them how different surveying equipment works, and where we have some survey monuments.
15. ~~**Civil Engineer:** FULL.~~
16. **Civil/Electrical Engineer, Environmental, Finance, Program Management:** Provide overview as a senior lead technical expert for the Air Force Research Laboratory (AFRL) for overseeing facility planning, programming, advocacy and oversight of a multi-site organization accomplishing world-class research with potential tours of some of the facilities.
17. **Clinical and Anatomic Pathology Lab:** Students will learn about some of the following: specimen collection, processing and receiving, hematology, clinical chemistry, anatomic pathology, simulation laboratory, urinalysis and body fluids, microbiology, anatomic pathology, transfusion medicine (blood bank), donor center.
18. **Communications Security, Information Systems Security, Cryptographic Equipment, Cyber Systems Surety:** Tour both sides of WPAFB. I work as a Contractor and a Reservist. I will be working as a Reservist on Job Shadow Day, so the main focus will be on that aspect of my career. I can explain what I do as an Air Force Reservist and show students some of what I do.

19. **Computational Aerodynamics:** Basic introduction to aerodynamics through a brief tour of select exhibits at the NMUSAF where aerodynamic features of aircraft will be highlighted. From there the students will head to the AFLCMC home office of engineering for a brief description of training/coursework required and hands-on experience with state of the art engineering analysis tools. Tour of the AFRL supercomputer facility.
20. **Computer Engineer, Computer Tech, Cyber Communications, Telecommunications:** Students will see how we support the base when it comes to cyber support requirements and desktop computer support.
21. **Computer Tech, Computer Programming, Model & Simulation, Software Engineer:** Cyber Protect Challenge (Gamification), AF Office of Scientific Research Presentation (Technology Innovation and Advancements Leading to Virtualization of Integrated Engineering Systems) Data Science Logic Puzzles.
22. **Computer Tech, Cyber Communications, Information Management, Telecommunications:** Visit the 338 Recruiting Squadron and receive a brief explanation of operations that make-up the unit as a whole. The students will be briefed in information technology such as telecommunications, client systems, networking, cyber security, and how IT plays a crucial part in the Air Force recruiting process. Time permitting; the students will take a tour of the WWII POW art display.
23. **Computer Tech, Cyber Communications, Telecommunications:** Go over work requests, have a Q & A for the military, contractor and AF Civilian. Visit the Communication Focal Point to see how they operate and walk through the server farm. If time permits, we will head over the AFIT to see how their help desk works.
24. **Computer Tech, Program Management, Software Engineer:** Introduce student to key software developers from the AFRL Enterprise Business System team; escort student to a Technical Integrated Product Team (IPT) meeting; talk about skills and abilities needed for software development duties/jobs.
25. **Computer Technology:** Tour the Communications Squadron (tentative); tour of the base.
26. **Computer, Electrical and Software Engineer, Computer Programming:** Tour Hanger 4B lab, where we test missile warning and laser countermeasure systems. Demonstrate and explain the work I am doing in writing software and using hardware to communicate with a specific missile warning system over a MIL-STD-1553 bus.
27. **Contract Specialist:** Tour WPAFB, visit the job site, introduction to colleagues, explanation of how contracting works at WPAFB and the different types of contracting.
28. **Contract Specialist/Buyer:** Tour of offices. Tour the Presidential Aircrafts as well as the location of the Wright Brother's flight.
29. ~~**Cost, Schedule & Performance:** FULL~~
30. **Defense Courier Service:** a joint U.S. Transportation Command (USTRANSCOM) agency that provides world-wide secure distribution for the U.S. and its allies. Students will be given a mission overview, facility tour and paired with various couriers to explain their current (courier) job and can also provide additional information regarding their original Air Force job (Security Forces, Fuels, Transportation, Medical Supply and Avionics) or Army job (Human Resources).
31. **Dental Assistant/Dental Laboratory:** Tour Base Dental Clinic to include what a dental assistant does in the Air Force and the opportunities available such as the Dental Hygiene program. Take an inside look at the Dental Laboratory and how they make different dental prosthetics to fix dental malformations.
32. **Electrical Engineer:** General overview of what we do and why it is important (Navigation Systems); students will complete a navigation activity; tour of our branch and a lab we fund at AFIT.
33. **Electrical Engineer, Modeling & Simulation, Physics:** Tour of RF test ranges and various other labs within the Sensors Directorate building.
34. **Electrical Engineer, Physics:** Tour the plasma physics and sensors laboratory. Talk with the students about the opportunities and duties of a researcher in the Air Force Research Laboratory. Tour of other labs (electromagnetics).
35. **Electrical Engineer, Program Management:** Tour of the labs we have in our building and talk to some of the different individuals so they can get a feel of all the different fields that work in the lab.
36. **Engineer Services (Logistics, Chemical, Architectural, Mechanical Engineer, Environmental, Safety, Occ Health):** Tour large mechanical rooms to show chillers and air handlers (Mech Eng), tour construction sites (Architectural/Civil Eng), visit the rapid prototype backshop (3d printers, laser cutters, CNC Mills, etc.) as well as visiting a lab or two to show how we handle safety, occupational health (fume hoods, chemicals, lasers, etc.). This will be fast paced, hands on day. This is probably best for someone who has an interest in engineering or a technical field, but may not be sure exactly which engineering they want to go into. The students will need to be mobile and must handle themselves in an industrial environment (and understand the safety briefings).
37. **Enlisted Aide, Chef:** Tour the AFMC Headquarters building. Visit my place of duty, which is at my boss's house. I am an Enlisted Aide and I manage his residence. I will go through my duties, including making lunch and dinner. The mentee can help prepare/cook and get an idea of what my special duty requires.

38. **Explosive Ordinance Disposal:** Tour the equipment at the EOD, drive robots, try on the bomb suit, and discuss our missions.
39. **Facility Manager:** I am the Facility Manager for the Headquarters AF Material Command Complex which consists of 750,000 gross square-feet. I'm responsible for overseeing the maintenance and repairs of the complex. I'm responsible for the Antiterrorism program for HQ AFMC.
40. **Financial Management:** Provide overview of organization's mission. The organization budgets/manages ~$14B to sustain the Air Force's aircraft, engines and supply chain management.
41. **Financial Management:** Tour of the Finance office and introduce them to my colleagues. I will also explain the qualifications to work in Finance. They will be able to witness what I do on a daily basis.
42. **Financial Management, Accounting:** Tour Area A & B of various base facilities. Visit my work site and meet some staff.
43. **Fire Fighter:** Occupational Safety is vital in today's workplace, every organization and business will have Safety Specialist's. The position is responsible for keeping the workplace safe. Some of the duties include inspections, accident investigations and safety training.
44. **Foreign Military Sales:** Tour/description of what we do at the Case Writing Division. We will also plan on having one-on-one's with the students to talk about how we got to where we are and what they can do to plan for their future here at WPAFB.
45. **Foreign Military Sales:** Tour of Propulsion; information about contracting; information about WPAFB internship programs; tour Bldg 16 and POW Memorial; information about USAF and supporting the warfighter.
46. **Foreign Military Sales:** Tour the AF Security Assistance Center (AFSAC) HQ. Discussions on Foreign Military Sales, tour of the country offices within the building. Q&A on job duties, travel, and International affairs. Introductions to AFSAC leadership. Tour of WWII murals on base.
47. **Human Resources:** The goal is to ensure that the student becomes familiar with my role as Human Resource Management Analyst and receive a general overview of the Human Resource World.
48. **Human Resources:** Explore the vast world of Human Resources Management and how HR impacts the World's Greatest Air Force! From Classification, Staffing, Civilian Personnel to Military Personnel, students will be given a broad overview of the exciting world of Human Resources Management and how our work impacts the daily operations of the United States Air Force.
49. ~~**Human Resources:** FULL~~
50. **Information Management, Civil Engineer, Cyber Comm., Finance, Security Forces:** I am in a Detachment that has Information Management, Civil Eng, Communications, Finance, and Security Forces. I will be taking them around to the different divisions and show them how we affect several bases around the Air Force.
51. **Legal:** Introduce student to the complex mission of the Base Legal Office that includes practice areas such as: contract law, environmental law, labor law, family law, estate planning, ethics, and military justice. See the various roles and responsibilities of an attorney to senior level officials as well as individual military members.
52. **Logistics for military funeral honors; military traditions, customs, and courtesies:** Tour the Honor Guard facility; discuss the intricacies of the Honor Guard and provide a demo of Military Funeral Honors; discuss manpower, equipment, budgets, training, and our involvement with our customers (the families of the deceased veteran we are honoring).
53. **Logistics, Computer Programming/Analyst:** Tour/talk with a number of different logistics people in my organization. We work with several different logistics computer systems and many different customers. People in my organization work with retail and wholesale inventories, planning systems, and other supply systems.
54. **Logistics/Project Management:** Explain the system the office buys and supports; talk about different jobs within the career field and within the office and what is required to get into the career. Tour a system in Area A on a C-17.
55. **Manage Base Community Services Activities:** Introduce the students to the Community Service Activities (Golf, Bowling, Consolidate Hobby Shop, Student Activity Center, Outdoor Recreation, ITT, Rod & Gun Club and Tennis Club) and give them an over view of what goes into managing these activities.
56. **Management:** A day in the life of an Air Base Wing leader. Meetings on the Combined Federal Campaign and the upcoming 4-star summit (Corona) and lunch with members from Diversity, School Liaison, USAF marathon, Commander Action Group, Human Resources, legislative liaison, and protocol.
57. **Materials Failure Analysis:** Discuss and demonstrate how the Air Force solves material fatigue, failure, corrosion, and wear issues in its aircraft, ground equipment, and faculties. Students will perform a material failure investigation for an example failure.
58. **Materials Science and Engineer:** Tour labs and potentially run an experiment.

59. **Mechanical Engineer:** In-depth tour of the massive Component Research Air Facility (CRAF) at WPAFB, visit the CRAF central control room, and a local chilled water plant.
60. **Medical Blood Lab Technician, Molecular Biology:** Look at how respiratory viral cultures are processed and analyzed, have an overview of the various types of testing done in bacteriology and parasitology as well as spend time in the molecular lab looking at polymerase chain reactions assays, multiplexing testing for respiratory viral and bacterial pathogens.
61. **Medical Lab Technician:** Tour labs within AFRL, to include the STRONG lab (physiology/human performance laboratory), OBOGS (aerospace physiology & performance section), cognitive performance individual research laboratories, behavioral/biochemical neuroscience laboratory.
62. **Medical Technician:** Tour clinic and hospital. Describe what I do on a day-to-day basis; have them follow us in clinic to be able to see hands-on.
63. **Medical, Aeromedical, Fatigue, Hypoxia, and Human Performance Research:** Your NAMRU-D (Naval Medical Research Unit Dayton) Mentor will bring you aboard the only Navy command at WPAFB, provide you with a tour of our Aeromedical and Environmental Health Effects laboratories, and you may be able to observe one of our ongoing research projects.
64. **Mental Health and Executive Assistant:** Mental Health Technician by trade, but currently work as the 88 MDOS Executive Assistant to the Commander. I would incorporate both jobs, highlighting the diversity of the Mental Health Career field (Psychology, Psychiatry, Neuro Psychology and Clinical Health Psychology) and showing the ins and outs of how a Squadron works.
65. **Meteorology:** Students will be given a weather station duties briefing by staff and the on-duty forecaster. Tour of the Air Traffic Control (ATC) Tower, ATC Simulator, and taken on a driving tour of the airfield to be briefed on weather and navigation equipment. Once the OSS tour is complete, the students will be taken to AFLCMC/XZIG on Area B (staff meteorologists).
66. **Molecular Biology:** Get a feel for how a DoD Molecular Biology Research Laboratory operates. Discuss projects and instruments, including some hands-on demonstrations. Methods of DNA and RNA sequencing, viral and bacterial pathogen detection and the resulting analysis of the data is the focus of this laboratory.
67. **Military Sales Contracts:** Office tour. Meet co-workers and get to see the day-to-day activities in the current world of Foreign Military Sales.
68. **Nurse - ICU Critical Care:** Visit the ER, GI Clinic, Sim Lab, ICU and Respiratory Therapy for Ventilator overview and Cath Lab.
69. **Nurse – Recovery Room:** Hospital tour with a focus on the inpatient floor, recovery room, and possibly the OR. Visit the Simulation Center to show/discuss common nursing supplies and skills (IVs, catheters, taking vital signs) and a general overview of the body and its systems.
70. **Nutritional Medicine:** We plan to show the typical day-to-day routine here in the medical dining facility. We want to show both the patient services side as well as the clinical side of the house.
71. **Occupational Safety/Health:** This will cover both radiation safety, chemical safety, and other occupational hazards or processes. Meet the facilities at the US Air Force School of Aerospace Medicine and see basic operations. Tours of student training facilities, chemistry and radiation laboratories. This is a good choice for anyone interested in physics, health physics (radiation safety), chemistry, or industrial hygiene.
72. **Operational Intelligence:** Tour the museum and give insight to how Intelligence has played a key role throughout history. Stop at the Presidential and Research & Development Hangers to see historical R&D projects the US has made and the decommissioned Air Force Ones. Provide information on where I work, my job, and the multiple aspects of intelligence jobs.
73. **Optical Engineer:** Laser Radar demonstrations and lab tours; tours in the Sensors Directorate of other facilities and laboratories used to research and develop state of the art sensing capabilities.
74. **Pediatric Medical Technician:** Tour the clinic and the hospital. Shadow technicians during patient care i.e. vital signs, breathing treatments, IV, shots, and flu/strep testing.
75. **Pediatric Resident's Coordinator (Admin):** Tour the hospital. Participate in a lecture that our residents attend. Allow the students to sit in with a resident as the resident sees a PT.
76. P**ersonnel, Administration/Training:** Brief about the military and its organization/structure. Introduce students to some key leaders, organizations and programs dealing with the support and administration of military personnel at WPAFB.
77. **Physical Medicine:** First-hand experience of what it's really like to be in the United States Air Force. Educate the students on the benefits the AF has to offer and also the basics of my career field.

78. **Program Management, Engineer, AF Uniform Design:** The Human Systems Division will coordinate multiple tours of items of interest within our workflow as well as set aside time for the student to have one-on-one discussions with the mentor. Tours will tentatively include: Research Altitude Chamber and Centrifuge, Materials and Textile Lab, Aeromedical Testing Lab, DPAA Mission Tour, AF Uniform Office Tour, Aircrew Flight Equipment overview/demo. Our volunteers include: 3 Medical field personnel, 2 Program Managers, 4 Engineers and 2 Clothing Designers/PMs.
79. **Psychological Research:** Check out the planes at the museum, view the Applied Neuroscience Labs: (Non-invasive Brain Stimulation Lab tour (augmenting cognitive performance with electrical current and the brain)/STRONG LAB (physical fitness workouts mixed with cognitive exercises)/OBOGS Lab (On Board Oxygen Generating System).
80. **Psychology/Human Factors Engineer:** Visit the Supervisory Control and Cognition Branch of the Human Effectiveness Directorate. This Directorate of the Air Force Research Laboratory develops technologies to improve the productivity of the warfighter in high-demand, high-threat, information-saturated environments. Our research teams include software engineers, cognitive scientists, human factors psychologists, and other disciplines.
81. ~~**R&D of LVC Training Environments:** FULL~~
82. **Radiology:** Visit the radiology department and introduce them to all of the different modalities that we offer. These modalities include routine x-ray, ultrasound, MRI, nuclear medicine and computed tomography (cat scan). I also have experience in a special duty career field (USAF Honor Guard in Washington, DC). For 3 years, I supported the mission at Arlington National Cemetery and for our top leaders in the country to include the president, SECDEF, CSAF and countless others.
83. **Residency Program Coordinator:** Tour the medical facility, meet OB/GYN residents, physicians, and the WSU medical students, mid-wife students, and physician assistant students currently rotating in our clinics. I'll give an overview of the purpose/daily life of a residency program coordinator. Watch and/or assist me with coordinating the resident and student clinic schedules, resolving any residency program crisis or issues.
84. **Security Forces:** Visit the CATM shop, and show some weapon systems we use here at WPAFB. Visit the K9 at the kennels and give them an MWD demonstration. Tour our base/facility and have a Q&A with some new Airmen.
85. **Security Forces:** Tour of duty locations (gates, patrol, confinement, weapon maintenance, investigations/OSI, flight security and a K-9 kennel walk through).
86. **Software/Electrical Engineer:** Describe what Software and Electrical Engineers do, explain what the C-130J program is, have the students talk with various engineering disciplines about their functions within the program.
87. **Space & Satellites, Human Factors, Computer Visualization:** Hands-on tour of some of Human Effectiveness research facilities: Visualization Lab (3D holographic simulation technology), Observatory (17" telescope used to gather imagery of satellites), Wearable Technology for airman in the battlefield. Much of my research has focused on awareness and protection of satellites.
88. **Visual Imaging:** The student will see the importance of an artist/graphics designer/photographer's work in support of the Air Force Research Laboratory. The student will see examples of some of my posters and displays in the building. The student will use scientific images previously provided to the mentor by researchers and turn the images into art. The students will receive an 8.5"x11" printout of their images, and a copy on the electronic file for their portfolio or to share with their instructors and fellow students.
89. **X-Ray Technician:** Tour the hospital to include the X-Ray department, CT, MRI, Ultrasound, Nuclear Medicine, ER, Surgery, and the Wards; visit the Dormitories.