

Physical Sciences Jobs IN THE FEDERAL GOVERNMENT

Sample Job Profiles

CHEMIST

Salary Range: \$52,500 - \$89,000 per year

Duty Locations: Jacksonville, FL

Job Summary: Civilian employees serve a vital role in supporting the Army mission. They provide the skills that are not readily available in the military, but crucial to support military operations.

Major Duties: Perform analytical chemistry activities including sample measurement, preliminary data analysis and quality control; build and maintain a 'standards' material library; maintain and operate equipment; serve as an expert in dealing with toxic and hazardous chemicals; collect, prepare and verify the integrity of data; maintain written and electronic records.

METEOROLOGIST

Salary Range: \$26,300-\$51,700 per year

Duty Locations: Eureka, CA

Job Summary: Your Career Forecast is Sunny and Bright with the National Weather Service. The NWS, the world's preeminent weather and atmospheric sciences organization, offers you an opportunity to help protect American lives and property. Since 1870, NWS has served the public by providing forecasts and hazardous weather warnings while studying the most dynamic forces of nature. Contribute your talents to this tradition. Visit: www.nws.noaa.gov/careers.php

Major Duties: Provide weather information, warnings, advisories, aviation and public forecasts to the general public and to special user groups in the WFO service area. Coordinate NWS products, warnings, and forecasts with the Senior Forecaster on duty, the Service Hydrologist, the hydro-meteorological technicians on duty, and surrounding offices.

Search for jobs at: USAJobs.gov

WHAT CAN YOU DO WITH A DEGREE IN THE PHYSICAL SCIENCE?

- ★ General Physical Scientists
- ★ Metallurgists
- ★ Physicists
- ★ Meteorologists
- ★ Geophysicists

Find more: www.usajobs.gov/EI23.asp

FEDERAL EMPLOYERS CAN HELP YOU REPAY YOUR STUDENT LOANS

- ★ Agencies are authorized to help repay up to \$10,000 of a loan per year, up to \$60,000 total per employee.
- ★ An employee who receives student loan repayments must commit to remaining in the service of the federal government for at least three years.
- ★ In FY 2007, **33 federal agencies** provided **6,619 employees** with almost **\$42 million** in student loan repayment.

For more information, visit:
<http://www.opm.gov/oca/pay/studentloan>

FIND AND APPLY FOR FEDERAL JOBS AND INTERNSHIPS ONLINE

MakingtheDifference.org provides valuable information and resources about job and internship opportunities in the federal government. On the site you'll find more information about federal agencies, an overview of the benefits of federal service, a directory of federal internships, "hot jobs" and "cool internships," tips for finding and applying for federal jobs, and much more. Plus, you'll see how federal employees are making the difference every day.

USAJobs.gov is a great place to begin your job search. It is administered by the U.S. Office of Personnel Management, the federal government's human resources agency, and has a regularly updated list of federal job openings. You can also build your resume and learn about the federal jobs that best match your interests.

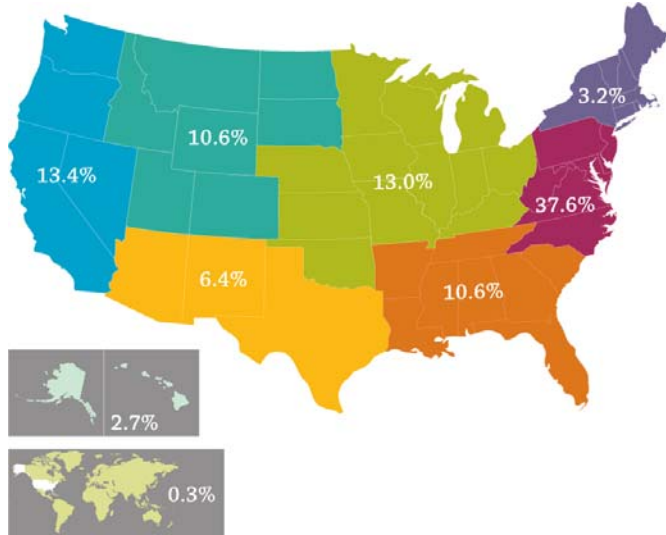


PARTNERSHIP FOR PUBLIC SERVICE

The Partnership for Public Service is a nonpartisan, nonprofit organization that works to revitalize the federal government by inspiring a new generation to serve and by transforming the way government works.
ourpublicservice.org

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PHYSICAL SCIENCE POSITIONS IN THE FEDERAL GOVERNMENT BY REGION



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Examples of Internships

Jet Propulsion Labs' Cooperative Education Program (COOP) is an employment program for college undergraduates designed to give students on-the-job training as a supplement to classroom instruction. In cooperation with selected accredited colleges and universities, full-time students enrolled in the program participate in paid employment at JPL during alternating quarter/semester periods. This program provides students with real-world practical experience related to their field of study to not only enrich their education but also prepare them for a career upon graduation. Visit careerlaunch.jpl.nasa.gov/college.htm

Lawrence Livermore National Laboratory has two programs that allow approximately 600 students (and faculty) to work at LLNL, in California, every summer. In one, the Scholars Employment Program (SEP), LLNL pays the student. In the second, there is collaboration between a university and LLNL, and the student is paid by the school. This method of working at LLNL is as a Student Guest. In this second case, students should talk to their research faculty to verify whether any such collaboration exists and whether he/she can be considered. Visit universitygateway.llnl.gov/undergrad_grad

Search for internships at: makingthedifference.org/federalinternships

WHERE THE JOBS ARE

By September of 2009, our largest federal agencies project that they will hire nearly 193,000 new workers for "mission-critical" jobs.

This includes:

- ★ 266 Meteorologists at the Department of Commerce
- ★ 234 Chemists at the Department of Health and Human Services
- ★ 63 Geologists at the Department of Interior
- ★ 150 Scientists at the Department of Transportation
- ★ 130 Program Directors at the National Science Foundation

Download the report at makingthedifference.org.

TOP PHYSICAL SCIENCE AGENCIES	
Department/Agency	# Positions
Dept. of Defense	8,307
Dept. of Interior	6,189
Dept. of Commerce	5,749
Environmental Protection Agency	3,113
Dept. of Agriculture	2,402
Dept. of Health and Human Services	2,119
NASA	943
Department of Energy	836
Dept. of Justice	516
Nuclear Regulatory Commission	425
Department of Transportation	408
Dept. of Homeland Security	355

FEDSCOPE, 3/08

TOP PHYSICAL SCIENCE FIELDS		
Field	# Positions	Projected Hirings FY 2007-09
General Physical Science	7,612	242
Chemistry	5,675	279
Meteorology	2,973	266
Hydrology	2,442	135
Physics	2,430	91
Physical Science Technician	2,020	--
Geology	1,613	63
Hydrologic Technician	1,454	--
Cartography	873	--

FEDSCOPE 3/08, Where the Jobs Are 2007