

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 2008, **35 federal agencies** provided **6,879 employees** with almost **\$51 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.



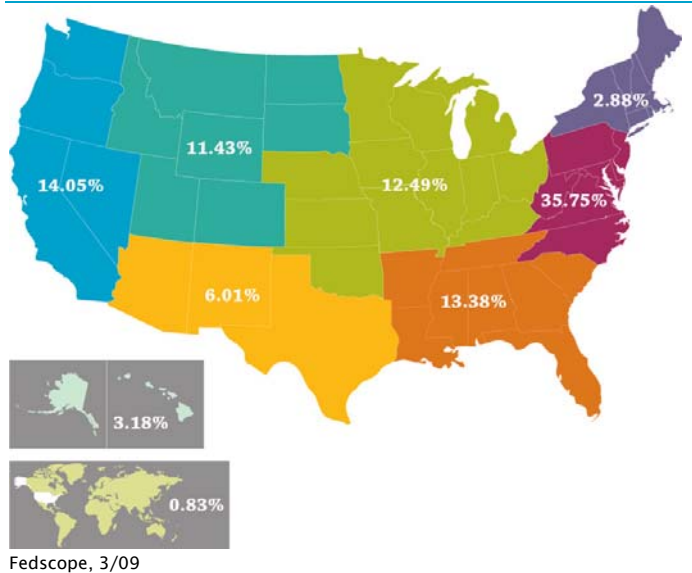
PARTNERSHIP FOR
PUBLIC SERVICE

It's not just making a living, it's making the difference

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

Physical Sciences Jobs IN THE FEDERAL GOVERNMENT

PHYSICAL SCIENCE POSITIONS IN THE FEDERAL GOVERNMENT BY REGION



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 <https://careerlaunch.jpl.nasa.gov/college.html>

Lawrence Livermore National Laboratory Lawrence Livermore National Laboratory (LLNL) offers outstanding scholars the opportunity to complement their academic endeavors by working in a world class scientific research environment with state-of-the-art facilities. The Scholar Internship Program allows students to engage in work-study employment opportunities in relevant science, engineering and administrative fields. Visit https://jobs.llnl.gov/lljobs_html/studentfacultyf.html

Search for internships at:
makingthedifference.org/federalinternships

WHERE THE JOBS ARE

By the fall of 2012, our largest federal agencies project that they will hire nearly 273,000 new workers for "mission-critical" jobs.

This includes:

- ★ 124 Meteorologists at the Department of Commerce
- ★ 363 Chemists at the Department of Health and Human Services
- ★ 81 Geologists at the Department of Interior
- ★ 188 Scientists at the Department of Transportation
- ★ 39 Program Directors at the National Science Foundation

Download the report at makingthedifference.org.

TOP PHYSICAL SCIENCE AGENCIES

Department/Agency	# Positions
Department of Defense	8,370
Department of Interior	5,666
Department of Commerce	5,528
Environmental Protection Agency	2,989
Department of Health and Human Services	2,060
National Aeronautics and Space Administration	917
Department of Energy	856
Department of Justice	510

Fedscope, 3/09

TOP PHYSICAL SCIENCE FIELDS

Field	# Positions	Projected Hires 2010-2012
Chemistry	4,928	403
General Physical Science	4,574	1,323
Meteorology	2,956	124
Hydrology	2,228	72
Physics	2,181	54
Physical Science Technician	1,810	--
Geology	1,465	81
Hydrologic Technician	1,300	--
Cartography	841	--

Fedscope, 3/09, *Where the Jobs Are*, 2009