



**Take the Challenge to Impact National/Global Health !!
Public Health Training and Employment Opportunities at the
Centers for Disease Control and Prevention (CDC)**



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CDC Overview



- Mission: *To promote Health and quality of life by preventing and controlling disease, injury, and disability*
- Part of Health and Human Services
 - ◆ 1 of 12 Federal Health Agencies
- CDC composed of 8 National Centers
- CDC offices located globally
 - ◆ in 16 cities across U.S.
 - ★ Bulk of employees in CDC Headquarters in Atlanta, GA
 - ◆ In over 50 countries outside of the U.S.
- Hispanics underrepresented in CDC workforce (3.3% of workforce compared to 13% of U.S. population)

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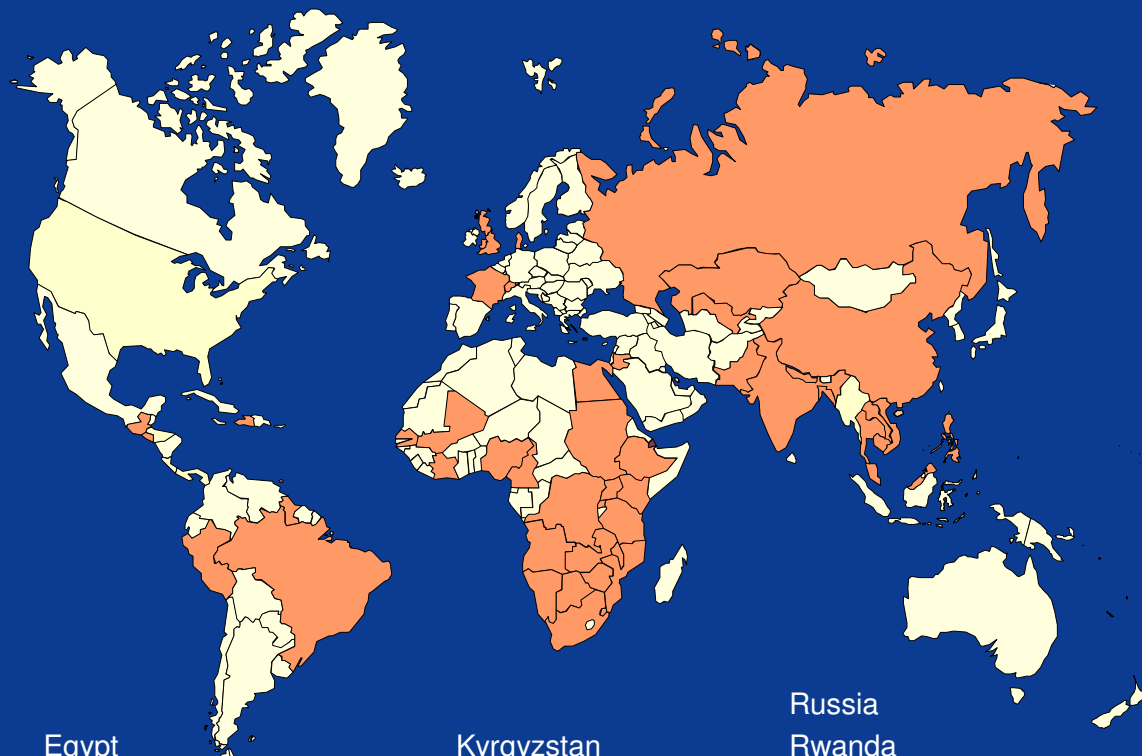
CDC's Locations



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International Presence



- | | | | | |
|--------------------|-------------|-------------|--------------|----------------|
| Angola | | | Russia | |
| Bangladesh | Egypt | Kyrgyzstan | Rwanda | |
| Botswana | El Salvador | Kenya | Senegal | |
| Brazil | Ethiopia | Laos | South Africa | |
| Cambodia | France | Malawi | Swaziland | Zimbabwe |
| Cameroon | Guatemala | Mali | Sudan | Trinidad |
| China | Guyana | Mozambique | Switzerland | Uganda |
| Congo DRC | Honduras | Namibia | Tajikistan | United Kingdom |
| Costa Rica | Haiti | Nepal | Tanzania | Uzbekistan |
| Cote D'Ivoire | India | Nigeria | Thailand | Vietnam |
| Denmark | Jordan | Peru | Turkmenistan | |
| Dominican Republic | Kazakhstan | Philippines | Zambia | |

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Why work for CDC?



- Numerous career paths and locations
 - ◆ Over 170 occupations to choose from
 - ◆ Ability to transfer positions with continual learning opportunities!
- Excellent career opportunities
 - ◆ Average Age of Federal Employee: 46.8
 - ◆ 32.4% of CDC employees will be eligible to retire over the next 5 years
- Great benefits and work-life balance
- Hispanics are underrepresented in HHS and CDC in particular; need your input to *truly make a difference!*

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Mission-Critical Job Occupations (MCOs)



- MCOs : occupations that make essential contributions to accomplishing CDC's mission
- Important to understand which job series correspond to your education
- CDC's top four MCOs and corresponding job series:
 - ◆ Microbiologists GS-403
 - ◆ **Medical Officers GS-602**
 - ◆ Epidemiologists/ General Health Scientists GS-601
 - ◆ Public Health Advisors or Analysts GS-685
- Other MCOs:
 - ◆ IT Specialists GS-2210
 - ◆ Chemists GS-1320
 - ◆ Statisticians GS-1530
 - ◆ Biologists GS-401
 - ◆ Emergency Management Specialists GS-301
 - ◆ Management/Program Analysts GS-343

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Where do I fit in?



- Federal Grade Structure is GS-1 to GS-15
 - ◆ Bachelors Degree = GS-5 (possibly GS-7)
 - ◆ Masters Degree = GS-9
 - ◆ PhD = GS-11
 - ◆ **MD = typically GS-13 to GS-15**

*Combining education with experience determines final grade qualifications

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So when can I start... Wait, HOW do I start?



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General Application Advice



- Apply via www.usajobs.gov ; read announcement carefully!!!!
- Tailor resume to document specific knowledge, skills, and abilities requested
 - using same verbiage from job announcement
 - using Resume Builder in USAJOBS (preferred to attaching CV pdf)
 - no limit to length of federal resume
- Answer questions
 - completely even if redundant
 - using same verbiage from job announcement
- Be SPECIFIC! Address the breadth and scope of your experience (dates worked, hours per week, publications)
- Notice mobility clauses

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CDC Training Programs

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Variety of CDC Training Programs to meet your specific educational needs



- Minority focus (13)
- Non-U.S. citizens (12)
- Undergraduates (7)
- College graduates (7)
- Medical students (10)
- Physicians (13)

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Selected Medical Student Training Opportunities

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CDC Training Programs/Jobs for Medical Students



Jobs

- ◆ Civil service job positions
- ◆ COSTEP (JRCOSTEP and SRCOSTEP)

■ Training

- ◆ CDC-Hubert Global Health Fellowship (2nd or 3rd year student upon applying)
- ◆ Epidemiology Elective Program for Senior Medical and Veterinary Students (apply during 3rd year)
- ◆ HSHPS/CDC Internship & Fellowship Programs
- ◆ HSHPS/JDC Latino Diabetes Initiative Program
- ◆ HSHPS/NIOSH Internship & Fellowship Programs
- ◆ James A. Ferguson Emerging Infectious Diseases Fellowship
- ◆ Kennedy Krieger Institute: Research Initiatives for Student Enhancement (RISE)
- ◆ NCHS/Academy Health Policy Fellowship
- ◆ ORISE Research Fellowship
- ◆ The CDC Experience Applied Epidemiology Fellowship

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CDC-Hubert Global Health Fellowship

<http://www.cdc.gov/HubertFellowship/>



- CDC mentored hands-on 6-12 week public health work experience in a developing country; usually starts in summer.
- Eligibility -Apply as 2nd or 3rd year medical or veterinary student
- Stipend for travel and living expenses
- Application period ends in January



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Epidemiology Elective Program for Senior Medical and Veterinary Students



<http://www.cdc.gov/EpiElective/>

- 6- 8 week rotation for senior medical and veterinary students.
- Opportunity to learn while working with CDC epidemiologists to solve real-world public health problems.
- Eligibility: Medical or veterinary students apply in 3rd year
- Costs:
 - ◆ Students pay relocation and living expenses.
 - ◆ CDC pays travel and living expenses related to field investigations
- Application period between March - May

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The CDC Experience Applied Epidemiology Fellowship



www.cdc.gov/CDCExperienceFellowship/

- For 3rd and 4th year medical students
- 10-12 month fellowship
- Hands-on experiences in applied epidemiology and public health
- Stipend for living expenses
- Application period September - December

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Selected Physician Training Opportunities

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CDC Training Programs/Jobs Physicians



- Volunteer
- Jobs
 - ◆ Civil Service
 - ◆ USPHS
 - ◆ Contractor
- Training
 - ◆ CDC/CSTE Applied Epidemiology Fellowship Program
 - ◆ CDC Steven M. Teutsch Prevention Effectiveness Fellowship
 - ◆ Emerging Infectious Diseases (EID) Laboratory Research Program
 - ◆ Emerging Leader's Program
 - ◆ Environmental Medicine Rotation Program (RESIDENTS)
 - ◆ Epidemic Intelligence Service
 - ◆ HSHPS/CDC Internship and Fellowship Programs
 - ◆ HSPHS/JDC Latino Diabetes Initiative Program
 - ◆ HSPHS/NIOSH Internship and Fellowship Programs
 - ◆ NCHS/Academy Health Health Policy Fellowship (RESIDENTS)
 - ◆ ORISE Research Fellowship (graduated within last 5 years)
 - ◆ Preventive Medicine Residency (must also have completed 2 years of EIS training or comparable training prior to starting PMR)
 - ◆ Public Health Informatics Fellowship Program (PHIFP)

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Epidemic Intelligence Service



- 2-year post-graduate training program of service and on-the-job learning for health professionals interested in the practice of applied epidemiology
 - ◆ Outbreaks investigations
 - ◆ Epidemiologic analysis, publication
 - ★ MMWR
 - ★ Scientific journal
 - ★ Oral presentation at EIS / other scientific meeting
 - ★ CDC Grand Rounds
 - ★ Phone duty – public inquiries

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Epidemic Intelligence Service



Eligibility

◆ Eligibility

- ★ **Physicians with at least 1 year of clinical training** or
- ★ doctoral degree recipients in specific epidemiology, biostatistics, the social or behavioral sciences and the nutrition sciences or
- ★ Dentists, Physician Assistants, and Nurses with a Master of Public Health (MPH) or equivalent degree or
- ★ Veterinarians with a MPH or equivalent degree or relevant public health experience
- ◆ Limited number of Non-U.S. citizens selected
 - ★ Must be eligible for J1 visa: CDC will sponsor.
- Salary - 55,000- \$75,000 per year.
- Application deadline in September for the year prior to starting

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Preventive Medicine Residency (PMR)



<http://www.cdc.gov/prevmed/>

- Accredited by the Accreditation Council for Graduate Medical Education (ACGME)
- Residents will develop a range of knowledge and skills in
 - ◆ Leadership
 - ◆ Management
 - ◆ Public health policy
 - ◆ Program development
 - ◆ Epidemiology application
 - ◆ Administration

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Preventive Medicine Residency



Examples of Program Activities

- ◆ Evaluate a public health program
- ◆ Manage a public health project
- ◆ Develop public health policy
- ◆ Participate in a community-based public health intervention
- ◆ Write or review a grant proposal
- ◆ Teach epidemiology in the EIS summer course
- ◆ Participate in training activities including distance-based learning and multi-day seminars

■ Eligibility

- ◆ U.S. Citizen or Permanent Resident
- ◆ U.S. govt. physician or eligible to be hired
 - ★ U.S. medical license
 - ★ 1 YR postgrad. clinical training; 6 MO direct patient care
 - ★ MPH or eligible to be trained for MPH
 - ★ In EIS or has comparable training

- Application deadline October of year prior to starting residency

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Commissioned Corps



- United States Public Health Service
 - ◆ Uniformed Service of highly qualified public health professionals dedicated to delivering the Nation's public health promotion and disease prevention programs and advancing public health science
 - ◆ Requirements: MD, Veterinarian, Nurse, Pharmacist, Engineer, Scientist/Researcher, Dietician, and other health-related disciplines
 - ★ US Citizen
 - ★ Less than 44 years of age
 - ★ Pass physical examination
 - ★ Possess appropriate degree and/or professional license

Apply at www.usphs.gov

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Commissioned Officer Student Training & Extern Program (COSTEP)



http://www.usphs.gov/student/jrcostep_faq.aspx

JRCOSTEP Frequently Asked Questions

Page 1 of 3

The screenshot shows the top portion of a web page. At the top left is the U.S. Department of Health & Human Services logo and the text 'U.S. Department of Health & Human Services'. To the right is the URL 'www.hhs.gov'. Below this is a search bar with 'Site Map' and 'Contact Us' links. The main content area features a yellow banner with the text 'Answering the Call' and three buttons: 'Apply Now', 'Contact Us', and 'Questions & Answers'. Below the banner is a section titled 'Student Opportunities JRCOSTEP Frequently Asked Questions' with a list of links: 'Where do JRCOSTEP participants work?', 'What are the eligibility requirements for JRCOSTEP?', 'How much will I earn?', 'What benefits will I have?', 'How do I apply?', and 'How does the selection process work?'. On the left side, there is a navigation menu with links for 'Home', 'About the Commissioned Corps', 'Professions', 'Mental Health/Behavioral Health', and 'Student Opportunities'. Under 'Student Opportunities', there are sub-links for 'Commissioned Corps Officer Student Training and Extern Program (COSTEP)', 'Training and Experience Date', 'JRCOSTEP Frequently Asked Questions', 'JRCOSTEP Testimonials', 'SRCOSTEP Frequently Asked Questions', and 'View the Status of Application'. At the bottom of the menu is an 'Apply Now' link.

The U.S. Public Health Service Commissioned Corps offers two excellent opportunities for students to serve their country while completing their education. If you are interested in a public health career, we encourage you to apply to **Junior and Senior COSTEP**. Both programs offer excellent benefits and are highly competitive.

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Helpful Resources



- www.cdc.gov
CDC's official internet site
- www.cdc.gov/employment
Info on employment at CDC
- www.studentjobs.gov
Federal jobs for students
- www.usajobs.gov
Other Federal jobs
- www.cdc.gov/phtrain
Fellowship/Training opportunities
- www.opm.gov/insure.index.aspx
Health, Life, Dental, Vision, and LTC Benefits info

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What does it take to be successful in working as a public health professional at CDC?



- Excellent oral communication and writing skills
- Sleuthing skills (likes to answer questions)
- Leader
- Vision
- Organized
- Able to think ahead and plan for future
- Flexible and able to respond to emergency situations
- Multi-tasker
- Work Independently and good team player
- Good follow through from conceptualization to final product
- Continuing education/ training
- Good people and networking skills
- Mentor
- Maintenance of own personal health and fitness
- Maintain good balance between work and personal life
- Think outside the box

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How are careers in academic medicine, government and health-related business different and similar?



■ Differences

- ◆ Grant writing
- ◆ Flexibility with schedule
- ◆ Paid travel
- ◆ Variety of mission
- ◆ Ability to be reassigned to new area of study
- ◆ Benefits
- ◆ Work from home
- ◆ Work at population level versus individual level
- ◆ Cannot accept honorariums for speaking engagements
- ◆ Job security!!!!

• Similarities

- Work together with academic and private partners to answer public health research questions and implement prevention programs
- Must have Institutional Review Board to approve research projects

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THINK OUTSIDE THE BOX!!!

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Questions



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Approx number of employees by location



<u>Location</u>	<u>Number of employees</u>
Atlanta	7,677
Cincinnati	443
Durham	62
Fort Collins	110
Hyattsville	469
Morgantown	379
New York	36
Pittsburgh	337
Puerto Rico	26
Spokane	58
Washington, DC	99
Overseas	236
State and Local Health Departments	577

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Federal Compensation



- Competitive Salary
- Annual and Sick Leave, plus 10 paid holidays each year!
- Multiple Health insurance plan options
- Life Insurance
- Health savings account
- Thrift Savings Plan (pre-tax \$)
- Public Transit Subsidy (non-taxable)
- Tele-work and Alternate Work Schedules
- And JOB SECURITY!!

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Student Opportunities

- Student Career Experience Program (SCEP)
- Student Temporary Employment Program (STEP)
- Presidential Management Fellows (PMF)
- Emerging Leader (EL) Program
- Work Study
- Worksite Experience

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CDC Training Programs/Jobs for Undergraduates



- Volunteer
- Jobs
 - ◆ Summer jobs
 - ◆ College work study
 - ◆ COSTEP – JRCOSTEP/ SRCOSTEP
- Training programs
 - ◆ American Indian Science and Engineering Society (AISES) Internship Program
 - ◆ Association of Minority Health Professions Schools (AMHPS) Annual Symposium
 - ◆ Directors of Health Promotion and Education (DHPE) Internship Program for Students of Minority Serving Institutions
 - ◆ Hispanic Association of Colleges and Universities (HACU) National Internship Program
 - ◆ ORISE Research Fellowship
 - ◆ Project IHMOTEP (rising Juniors and Seniors)
 - ◆ Public Health Summer Fellows Program

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CDC Training Programs/Jobs for College Graduates



- Volunteer
- Jobs
 - ◆ Civil service job positions
 - ◆ USPHS
 - ◆ Contractor
- Training
 - ◆ Emerging Infectious Diseases (EID) Advanced Laboratory Training Fellowship
 - ◆ Emerging Infectious Diseases (EID) Laboratory Fellowship Program
 - ◆ Environmental Health Traineeship and Fellowship Program
 - ◆ ORISE Research Fellowship (graduated within last 5 years)
 - ◆ Kennedy Krieger Institute: Research Initiatives for Student Enhancement (RISE)
 - ◆ Project IHMOTEP Program
 - ◆ Public Health Summer Fellows Program

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CDC Training Programs with a Minority Focus



- Association of Minority Health Professions Schools (AMHPS) Annual Symposium
- ASPH/CDC/PRC Minority Health Fellowship Program
- Directors of Health Promotion and Education (DHPE) Internship Program for Students of Minority Serving Institutions
- Hispanic Association of Colleges and Universities (HACU) National Internship Program
- HSHPS/CDC Internship & Fellowship Programs*
- HSPHS/JD Latino Diabetes Initiative Program
- HSHPS/NIOSH Internship & Fellowship Programs
- James A. Ferguson Emerging Infectious Diseases Fellowship
- Kennedy Krieger Institute: Research Initiatives for Student Enhancement (RISE)
- Project IHMOTEP PROGRAM
- Public Health Summer Fellows Program
- Starlab

*Non-minorities may apply also

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