



The mission of the U.S. Public Health Service Commissioned Corps is to protect, promote, and advance the health and safety of our Nation. As America's uniformed service of public health professionals, the Commissioned Corps achieves its mission through rapid and effective response to public health needs, leadership and excellence in public health practices, and advancement of public health science. Its core values are leadership, service, integrity, and excellence.

### Introduction

The U.S. Public Health Service Commissioned Corps (USPHS) is the major health arm of the federal government, employing more than 6,700 full-time, well-trained, highly qualified public health professionals dedicated to preventing disease, promoting health, and advancing public health science. As one of America's seven uniformed services, the Commissioned Corps fills essential public health leadership and service roles within federal agencies and programs. The USPHS is home to around 400 Engineer Officers.

### Our Profession

USPHS Engineer Officers' specialties range from traditional chemical, electrical, mechanical, and civil disciplines to emerging fields in biomedical, computer, and environmental engineering. Engineer Officers' work includes

- Designing water treatment/distribution and wastewater collection, treatment, and disposal systems for underserved populations.
- Researching and evaluating occupational safety and health hazards to reduce workers' exposures.
- Evaluating medical devices and electronic products at federal testing facilities; inspecting domestic and international manufacturing facilities.
- Regulating environmental impacts of industrial and local/state/national governmental activities.
- Providing guidance on designing, constructing, and operating "healthy buildings."
- Providing management, planning, and construction services for health care and laboratory facilities.
- Identifying, assessing, and evaluating health risks associated with hazardous waste sites, toxic releases, and environmental contamination to prevent or reduce exposure and illness.



PHS Engineers deployed to support mission

**Competitive opportunities are available for exceptional engineers looking for a challenge and an opportunity to serve!**



### Engineer Officer Qualifications

All Commissioned Corps Engineer officers must

- be a U.S. citizen less than 44 years of age,
- pass a physical and medical examination, and
- hold a bachelor's or master's degree in an ABET certified program. (Degrees in an engineering-related curriculum like engineering technology do not qualify.)

If you are an engineer or an engineering student interested in the USPHS, or if you have questions about the Commissioned Corps, call us at 888-225-3302 or visit our website at [www.usphs.gov](http://www.usphs.gov).

For more information on the engineer category, visit: <https://dcp.psc.gov/OSG/engineer/engineering-career.aspx> or send an email to [USPHSEngineerApplicants@ihs.gov](mailto:USPHSEngineerApplicants@ihs.gov)



## Opportunities Within The USPHS Engineer Category

When you join the USPHS, you become part of a diverse group with a unique sense of purpose. You will have multiple opportunities for career advancement in a variety of federal agencies and in hundreds of locations across the nation, from national parks to large metropolitan areas.

### Where Are We Located?

Engineer officers in the USPHS work throughout the U.S. Department of Health and Human Services and in other federal agencies and programs. USPHS Officers serve in following agencies:

HHS Offices and Agencies	Non-HHS Agencies and Programs
<ul style="list-style-type: none"> <li>• Indian Health Service</li> <li>• Food and Drug Administration</li> <li>• Centers for Disease Control and Prevention</li> <li>• National Institutes of Health</li> <li>• Agency for Healthcare Research and Quality</li> <li>• Agency for Toxic Substances and Disease Registry</li> <li>• Health Resources and Services Administration</li> <li>• Centers for Medicare and Medicaid Services</li> <li>• Office of the Assistant Secretary of Health</li> <li>• Office of the Secretary</li> <li>• Program Support Center</li> <li>• Substance Abuse and Mental Health Services Administration</li> <li>• Office of the Assistant Secretary for Preparedness and Response</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Protection Agency</li> <li>• National Park Service</li> <li>• District of Columbia Commission on Mental Health Services</li> <li>• Federal Bureau of Prisons</li> <li>• National Oceanic and Atmospheric Administration</li> <li>• U.S. Department of Agriculture</li> <li>• U.S. Department of Defense</li> <li>• U.S. Department of Homeland Security</li> <li>• Division of Immigration Health Services (DIHS)</li> <li>• U.S. Coast Guard</li> <li>• U.S. Marshals Service</li> </ul>

### Benefits of Life in Service

In the USPHS, you can find increased job satisfaction, improved quality of life, and more time to spend with family and friends. As a Commissioned Officer, you are eligible for:

- 30 days of annual leave
- 12 weeks of paid maternity leave
- 10 days of paid paternity leave
- Shopping privileges at military base grocery and department stores
- Access to military lodging and morale, welfare, and recreational facilities
- Veteran Affairs programs including the Post-9/11 GI Bill educational benefits and VA home loans
- No cost medical and low-cost dental benefits for you and your family
- Standard military pay and allowances
- Pre-tax contributions to Thrift Savings Plan (similar to 401(k)) with up to 5% matching

To learn more about Commissioned Corps Benefits access the following website:  
<https://usphs.gov/profession/engineer/compensation.aspx>



# USPHS Engineers In Action

## At Work:

- Training (Instruction/Education/Leadership)
- Testing (Diagnosis, Experimentation, Verification)
- Consultation
- Design
- Construction
- Evaluation and Analysis
- Policy Analysis and Development
- Project and Program Management
- Emergency Response



Consultation and training



Testing, evaluation, and analysis



Design and construction management

## Engineer Student Opportunities

The USPHS offers 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 the Junior Commissioned Officer Student Training and Extern Program (JRCOSTEP). This highly competitive program offers outstanding benefits. If you have questions about student programs, please visit our website at <https://www.usphs.gov/student/>.

## Opportunities For Growth and Advancement

The USPHS not only equips officers to practice and advance their competencies in public health, it also offers opportunities for personal and professional growth. The Commissioned Corps encourages mobility, both geographically and across federal agencies, and markets your skills and availability nationwide. Whether you are a new graduate beginning your career or a seasoned professional searching for more challenging and rewarding work, a number of opportunities are available right now.



Engineers on Emergency Response



## Deployments

As a USPHS Commissioned Corps Engineer Officer, you have opportunities to respond to national and global emergencies. USPHS engineers are problem solvers trained in public health and emergency medical response for support in logistics, communications, computer operations, hazard evaluation and management, security, wastewater management, solid waste management, water purification, facility engineering/management, and health care.

### Deployments:

Engineer Officers in the Commissioned Corps deploy to serve in various capacities domestically and around the globe:

- Haiti 2010 – Earthquake
- Hurricane Sandy 2012
- Liberia 2014
- Hurricane Maria - 2017



Puerto Rico 2017 - CDR Yang and CDR Gumapas isolating the valve line up on a Cooling Tower in Bayamon Hospital



Hurricane Maria 2017- Puerto Rico, image includes four Engineer Officers



Liberia 2014, Monrovia Medical Unit construction and establishment task force



Hurricane Sandy 2012, CDR Marnell with contractors inspecting generators



Hurricane Maria 2017 – Puerto Rico, PHS Engineers respond to support mission



Liberia 2015-2016, CDR Leo Gumapas operating a fork truck