



BIOLOGICAL SCIENCES ASSISTANT (68KP9)

U.S. ARMY MEDICAL RESEARCH
AND MATERIEL COMMAND



A RESEARCH CAREER WITHIN YOUR REACH

Biological Sciences Assistant (68KP9)

A Great Opportunity — Hands-Down

For more than 200 years, Army medicine has advanced the medical knowledge of both the military and civilian populations, a contribution to the entire Nation that continues even today.

The U.S. Army has more jobs in exciting scientific fields than ever before.

Biological Sciences Assistants perform professional laboratory and medical research duties in the fields of biological, physical and medical allied sciences. Enlisted Soldiers—many of whom are among the most respected and knowledgeable specialists in their fields—provide subject matter expertise in medical, scientific and technical areas throughout the U.S. Army Medical Research and Materiel Command.

The command's continued success depends on the expertise of these individuals.



The U.S. Army Medical Research and Materiel Command

As the Army's medical materiel developer with responsibility for research, advanced development and logistics, the USAMRMC works to optimize medical products and technologies to protect and sustain U.S. Armed Forces.

The USAMRMC Laboratories

Take Your Career Around the World

Biological Sciences Assistants work in all six of the USAMRMC's medical research laboratories and institutes. These organizations perform the core science and technology research to develop medical solutions for the battlefield. These labs specialize in various areas of biomedical research, including infectious diseases, combat casualty care, operational medicine, safety, and chemical and biological defense, and are staffed with highly qualified scientists and support personnel.



"I am able to participate in groundbreaking research that positively impacts the Warfighter. There is a sense of pride and satisfaction in knowing that I am contributing to the well-being of my fellow Soldiers."

**Spc. Kyle Rybarczyk,
USAARL**

The U.S. Army Aeromedical Research Laboratory

Located at Fort Rucker, Alabama, the USAARL is a nationally recognized center of excellence that strives to preserve and enhance the health, safety, combat effectiveness and survivability of U.S. Army aviators and Soldiers. The USAARL has state-of-the-art research capabilities in acoustics, vision, repetitive impact, crash survival and aviation life-support systems.

A Biological Sciences Assistant at the USAARL assists in optical quality and visual performance investigations related to helmet-mounted displays; explores and develops techniques and methods to enhance speech intelligibility and auditory performance in noisy environments; determines the effects of operationally relevant stressors on judgment, decision-making and risk-taking; and assists in Army equipment safety studies including testing proposed new aviation life-support equipment before fielding, studying the performance of fielded equipment and analyzing equipment after accidents.

≡ For more information, visit:
≡ www.usaarl.army.mil



The U.S. Army Institute of Surgical Research

The USAISR is collocated with the San Antonio Military Medical Center at Joint Base San Antonio-Fort Sam Houston, Texas, and is the only DOD burn center which is recognized worldwide for its advanced level of research in the care of critically injured Service Members. The USAISR provides medical solutions and products across the full spectrum of combat casualty care.

A Biological Sciences Assistant at the USAISR works in any of six research areas including hemostasis, resuscitation, bone tissue injury, soft tissue injury, trauma informatics and clinical trauma. Duties vary and include performing laboratory and research tasks in biochemistry, microbiology and pathology; operating and maintaining laboratory equipment; interpreting, synthesizing and analyzing data using scientific or statistical techniques; conducting analytical phases of research using highly specialized instruments; performing sterile and non-sterile surgical procedures on small and large animals; acquiring data; processing specimens; performing method development and validation; assisting in autopsies and biopsies of burn patients; and researching new publications, technical journals, literature reports and scientific papers to remain informed on recent developments and advances.

≡ For more information, visit:
≡ www.usaisr.amedd.army.mil



"When I look at what I'm actually a part of... this is the kind of thing they write about in novels. I know junior Soldiers who are credited with creating over 20 new chemical compounds, others who helped develop the Ebola vaccine used in the pandemic, and I helped develop a drug to treat Leishmaniasis. Our work is making a real-world, historical impact."

**Sgt. Benjamin C. Joiner,
USAISR**





The U.S. Army Medical Research Institute of Chemical Defense

Located at Aberdeen Proving Ground, Maryland, the USAMRICD is the Nation's center of excellence for medical chemical defense and, as such, develops medical countermeasures that reverse or reduce the toxicity of chemical warfare agents. The USAMRICD protects the Warfighter through the development of antidote therapy, pretreatment measures, analytical methods and improved management of casualties. The USAMRICD trains health care professionals in the medical management of chemical casualties and provides guidance on all medical aspects of chemical warfare agents.

A Biological Sciences Assistant at the USAMRICD can serve as a laboratory manager or as a member of a multidisciplinary research team, performing duties in support of research using in vivo models to study mechanisms of toxicity and functional protection of existing and investigative compounds against chemical warfare agents. Duties include training and supervising technicians; performing surgical procedures on large and small animal research models; executing complex biological functional assays on cutting-edge equipment; collecting, interpreting and analyzing scientific data utilizing statistical techniques; and reporting scientific findings in peer-reviewed journals at conferences.

For more information, visit:
usamricd.apgea.army.mil

Spc. Ashley G. Hubbard,
USAMRICD

"As a service member with civilian experience in biodefense research, the P9 additional skill identifier attracted me because it allowed me to continue working in research while also serving my country. Knowing that the job I'm doing is saving lives is what inspires me to continue improving my laboratory skills, with the added bonus of looking forward to coming to work every day."

The U.S. Army Medical Research Institute of Infectious Diseases

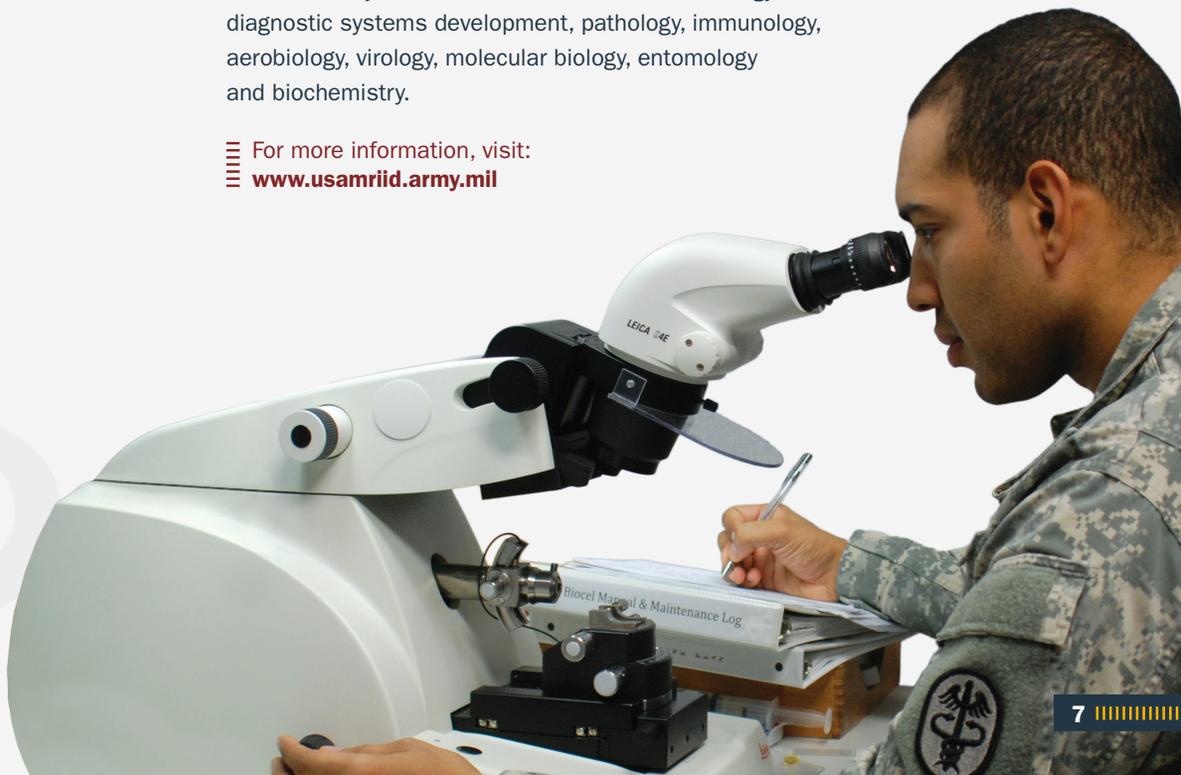
The USAMRIID, located at Fort Detrick, Maryland, provides leading-edge medical capabilities to deter and defend against current and emerging biological threat agents. Its research benefits both military personnel and civilians. As the DOD's lead laboratory for medical aspects of biological warfare defense, the USAMRIID collaborates with the Centers for Disease Control and Prevention, the National Institutes of Health, the World Health Organization, the Department of Energy, industry partners and academic centers of excellence worldwide. The USAMRIID is also the only DOD laboratory equipped to safely study viruses that require maximum containment at biosafety level-4.

A Biological Sciences Assistant at the USAMRIID collaborates with a principal investigator on many projects, often working independently, performing research in BSL-2 through BSL-4 environments. Duties include collecting data, writing technical reports and creating posters for scientific conferences. Some areas of study at the USAMRIID include microbiology, diagnostic systems development, pathology, immunology, aerobiology, virology, molecular biology, entomology and biochemistry.

For more information, visit:
www.usamriid.army.mil

"Being at USAMRIID and the opportunities it provided with ground breaking research and publications cemented it as a win-win situation for me. I love my job because there is nowhere else in the world that you can do this kind of work. To say you are at the tip of the spear in research, innovation and pushing the envelope of research in the medical field is an understatement to say the least."

Spc. Kumar E. DaBreo,
USAMRIID





The U.S. Army Research Institute of Environmental Medicine

The USARIEM, located in Natick, Massachusetts, is the Army's premier research organization for Warfighter performance optimization and environmental medicine, providing support to America's military at home and abroad. The USARIEM protects and optimizes Warfighter health and performance through medical research. This is done by performing cutting-edge research to counter environmental and occupational threats to U.S. forces worldwide, maintaining an expert military and civilian team, and leveraging capabilities with industry, academia and other government organizations. The USARIEM's current scientific divisional areas of expertise are thermal and mountain medicine, military performance, military nutrition and biophysics and biomedical modeling.

A Biological Sciences Assistant at the USARIEM performs laboratory and imaging techniques and procedures, assists principal investigators, works with test volunteers and collects and compiles study data.

For more information, visit:
www.usariem.army.mil

"Being at USARIEM has been a great opportunity to serve my country and work in various lab environments. It is a unique experience to engage in research that has a direct impact on the Warfighter."

Spc. Sarah E. Sauers, USARIEM

The Walter Reed Army Institute of Research

The WRAIR is located at the Forest Glen Annex, Silver Spring, Maryland, and is the oldest, largest and most diverse laboratory of the USAMRMC and the DOD. Research at its Center for Infectious Disease Research encompasses prevention, diagnosis and the treatment of naturally occurring infectious diseases. Research at its Center for Military Psychiatry and Neuroscience focuses on psychological resilience and sleep and traumatic brain injury studies.

Housed in a state-of-the-art laboratory facility and collocated with the Naval Medical Research Center, the WRAIR provides unique research capabilities, including suites for sleep studies, an insectary to produce vectors of infectious diseases such as malaria and dengue and to aid in human challenge studies, BSL-3 laboratories, a clinical trials center for conducting studies in human subjects and a Good Manufacturing Practice bioproduction facility for the preparation of pilot lots of vaccines and therapeutics for use in clinical studies.

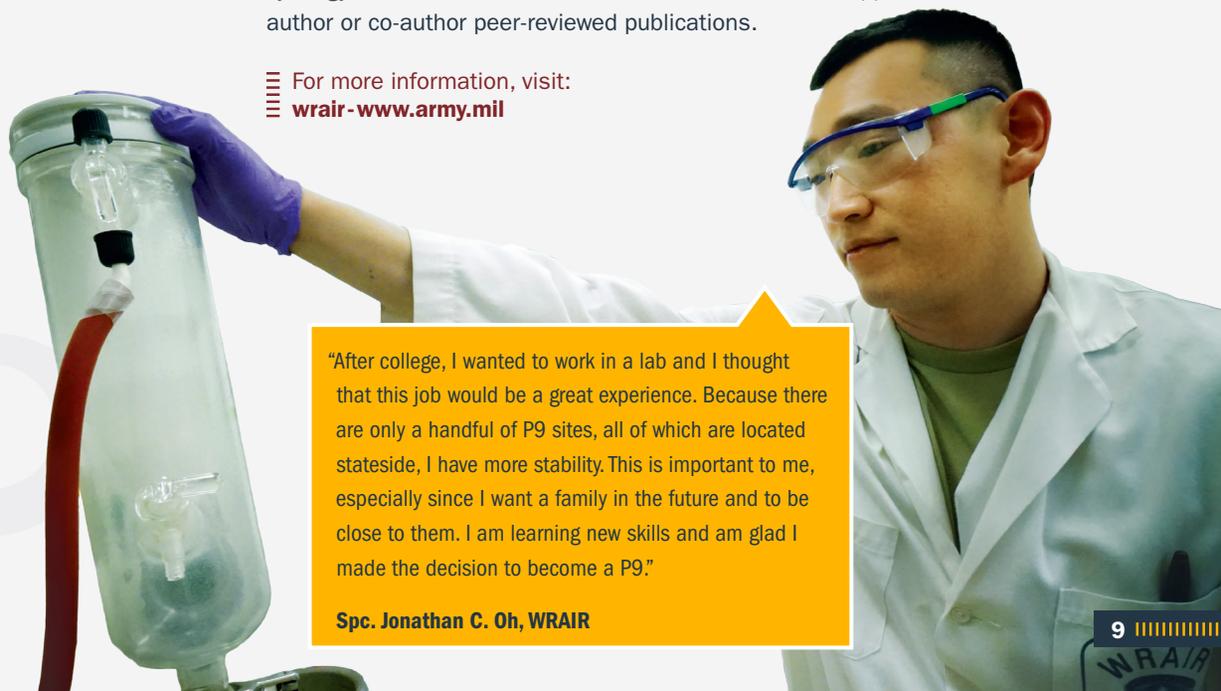
The WRAIR also operates overseas research units in Thailand, Kenya, Germany and Georgia.

A Biological Sciences Assistant at the WRAIR has the opportunity to excel in many research projects and may work with a primary investigator or a team on some of the most cutting-edge research in the world. Duties include, but are not limited to, laboratory management, data collection, clinical trials, necropsy, vaccine development and production, high-performance liquid chromatography, polymerase chain reaction, project management, histology, cytology, research in BSL-2 and BSL-3 laboratories and opportunities to author or co-author peer-reviewed publications.

For more information, visit:
wrair-www.army.mil

"After college, I wanted to work in a lab and I thought that this job would be a great experience. Because there are only a handful of P9 sites, all of which are located stateside, I have more stability. This is important to me, especially since I want a family in the future and to be close to them. I am learning new skills and am glad I made the decision to become a P9."

Spc. Jonathan C. Oh, WRAIR



It's All in your Hands

The combat environment of the future will present unknown threats as technology and warfare evolves. While no one knows precisely what dangers we will face in the future, our victory depends on superior medical technology and countermeasures to emerging health threats. The USAMRMC provides the expertise to meet these encounters... are you up to the challenge?



Professional Requirements for a Biological Sciences Assistant (68KP9) Position

- **Associate, bachelor's or master's degree** in one of the biological sciences, such as biology, chemistry, toxicology, physiology, organic chemistry, physics, microbiology, zoology, parasitology, pharmacology or biochemistry (foreign transcripts must be evaluated prior to contacting the Human Resources Command).
- **Approval for enlistment/reclassification as a Biological Sciences Assistant** by the U.S. Army HRC. Terms of enlistment and benefits vary. A five-year enlistment is standard.
- **Agreement to complete 68K Medical Laboratory Technician training or enlist under the Army Civilian Acquired Skills program.** The ACAS program is for Soldiers who are already certified as an MLT or Medical Technologist by the Board of Registry of the American Society for Clinical Pathology or the Board of the American Medical Technologist, or certified as a Clinical Laboratory Technician or Clinical Laboratory Scientist by the National Credentialing Agency for Laboratory Personnel (you must send a copy of the appropriate certificate to the Clinical Coordinator at the Department of Diagnostic Services, ATTN: MLT Clinical Coordinator (Army), 3480 Garden Ave., Bldg. 1356, Room 202, JBSA Fort Sam Houston, Texas 78234).
- **Successful completion of assigned research project proficiency training.**

Laboratory Contact Information

For more information or to apply for a Biological Sciences Assistant position, ask to speak with the 68KP9 recruiter at the laboratory that interests you.

The U.S. Army Aeromedical Research Laboratory

6901 Farrel Road
Fort Rucker, AL 36362-0577
(334) 255-6917
www.usaarl.army.mil

The U.S. Army Institute of Surgical Research

3698 Chambers Pass, Suite B
JBSA Fort Sam Houston, TX 78234-7767
(210) 539-3219
www.usaisr.amedd.army.mil

The U.S. Army Medical Research Institute of Chemical Defense

31 Ricketts Point Road
Aberdeen Proving Ground, MD 21010-5400
(410) 436-3276
usamricd.apgea.army.mil

The U.S. Army Medical Research Institute of Infectious Diseases

1425 Porter Street
Fort Detrick, MD 21702-5011
(301) 619-2285
www.usamriid.army.mil

The U.S. Army Research Institute of Environmental Medicine

Kansas Street, Building 42
Natick, MA 01760-5007
(508) 233-4811
www.usariem.army.mil

The Walter Reed Army Institute of Research

503 Robert Grant Avenue
Silver Spring, MD 20910-7500
(301) 319-9038
wrair - www.army.mil

- **The Armed Forces Research Institute of Medical Sciences**
Bangkok, Thailand
- **The U.S. Army Medical Research Unit – Kenya**
Kenya, Africa
- **The Richard G. Lugar Center for Public Health Research**
Tbilisi, Georgia



The U.S. Army Medical Research and Materiel Command

USAMRMC Headquarters

810 Schreider Street | Fort Detrick, MD 21702-5000

mrmc.army.mil