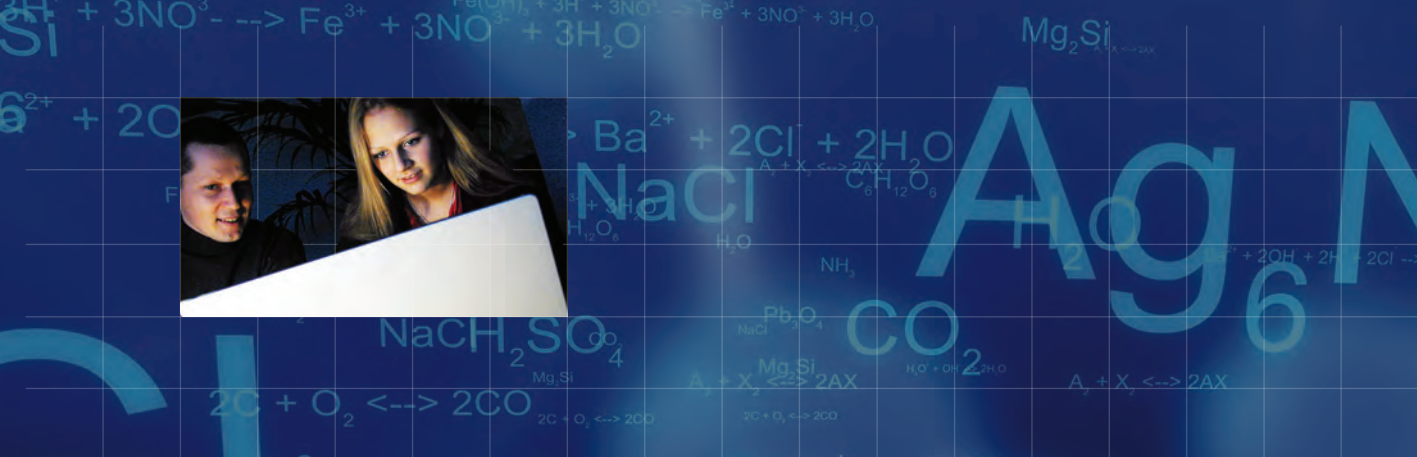


INTELLIGENCE COMMUNITY

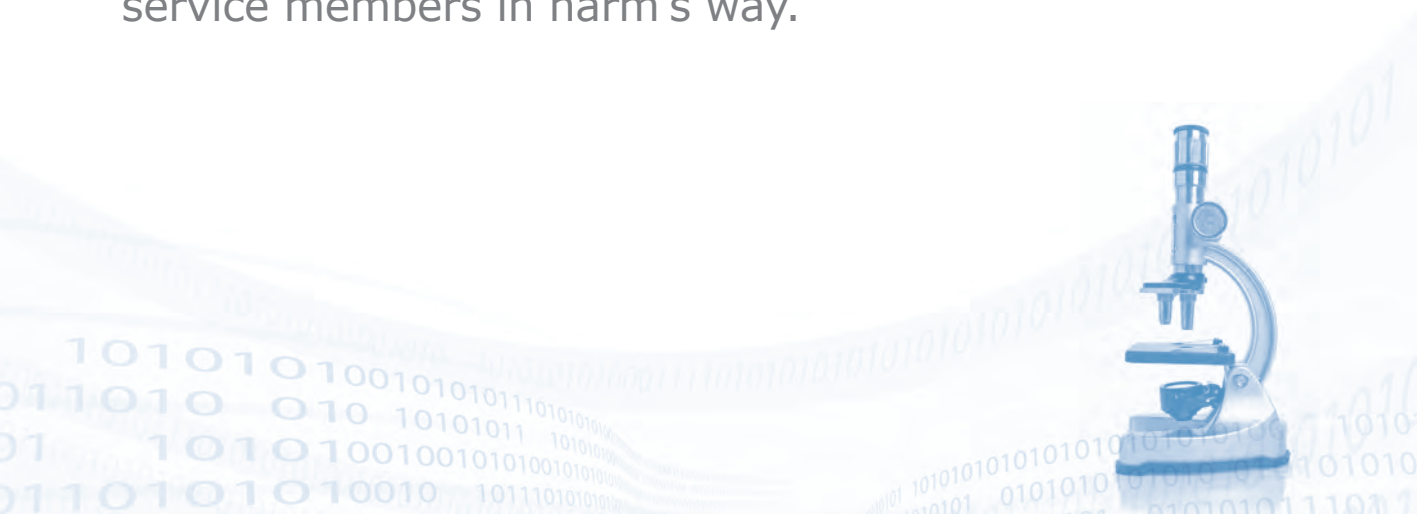
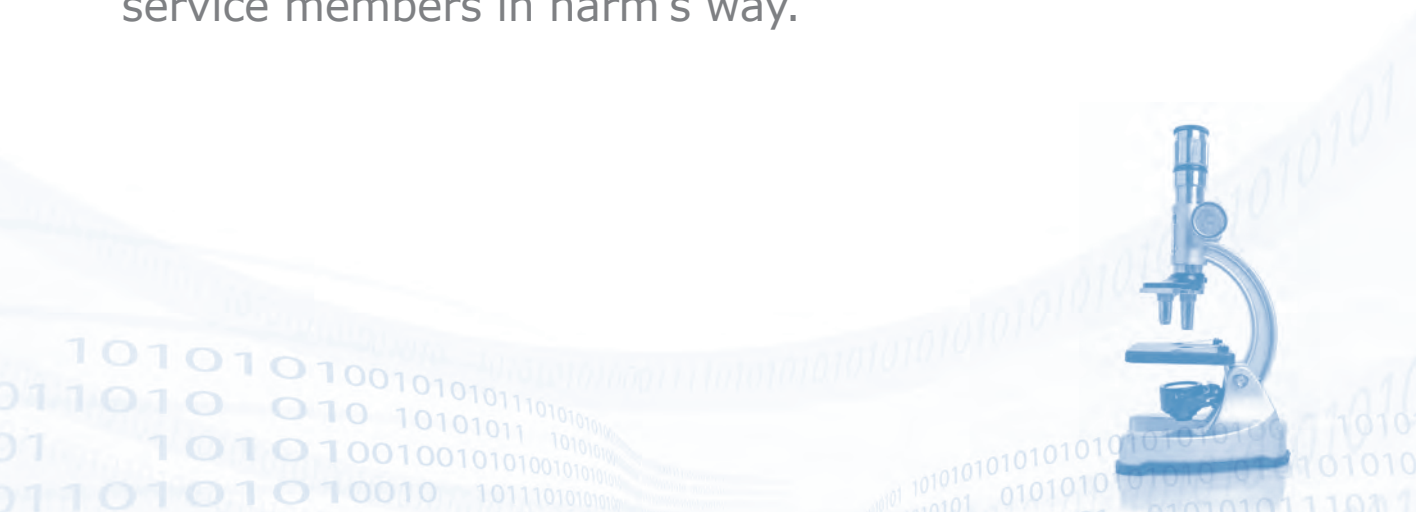
CAREER OPPORTUNITIES

SCIENCE, TECHNOLOGY, ENGINEERING,  
AND MATH (STEM) MAJORS





YOUR FUTURE AWAITS





## OTHER EMPLOYMENT OPPORTUNITIES

Many opportunities exist for students to work in the IC, including opportunities to work while completing your education and full-time work opportunities after graduation.

Many IC agencies offer **internships** for undergraduate and graduate students. Several agencies also offer **co-operative education programs** that alternate periods of full-time employment with periods of full-time study.

There are **scholarships** available that enable you to complete your education. Currently, the CIA, DIA, NGA, and NSA participate in the Stokes Program (or Undergraduate Training Assistance Program) which provides funding for up to four years of undergraduate study plus full salary and benefits while in school.

The DIA, NGA, NSA, and Service intelligence elements, as part of the Department of Defense, participate in specialized scholarship programs such as the **Information Assurance Scholarship Program** for students at DHS/NSA-designated Centers of Academic Excellence ([http://www.nsa.gov/ia/academic\\_outreach/nat\\_cae/index.shtml](http://www.nsa.gov/ia/academic_outreach/nat_cae/index.shtml)) and the **Science, Mathematics, and Research for Transformation (SMART) Scholarship for Service Program** for math, science, engineering and other critically needed technical skills ([http://www.asee.org/fellowship\\_programs/undergraduate](http://www.asee.org/fellowship_programs/undergraduate)).

All scholarship programs have service obligations not to exceed 18 months of service for each year of funding.

In addition, the CIA administers an IC **Postdoctoral Fellows Program**; NGA and the FBI Laboratory sponsor **Visiting Scientist Programs**.

For any employment in the IC, whether during or after your studies, you must be a U.S. citizen and be able to receive a Top Secret security clearance with access to Sensitive Compartmented Information (TS/SCI). All applicants selected for hire by an IC agency will undergo an extensive background investigation and drug screening. Some agencies also require a polygraph exam.



## BENEFITS OF WORKING IN THE INTELLIGENCE COMMUNITY

In addition to performing interesting work and the satisfaction of knowing you are making our country safer, a full range of employee benefits are offered:

- Special pay scales for scientists, engineers and certain technical areas
- Life and health insurance
- Retirement plans
- Holiday, annual and sick leave
- Opportunities for travel
- Performance awards
- Fitness facilities in many locations
- Alternate work schedules to balance home and work
- Legal and financial counseling
- Mass transit subsidy in some locations

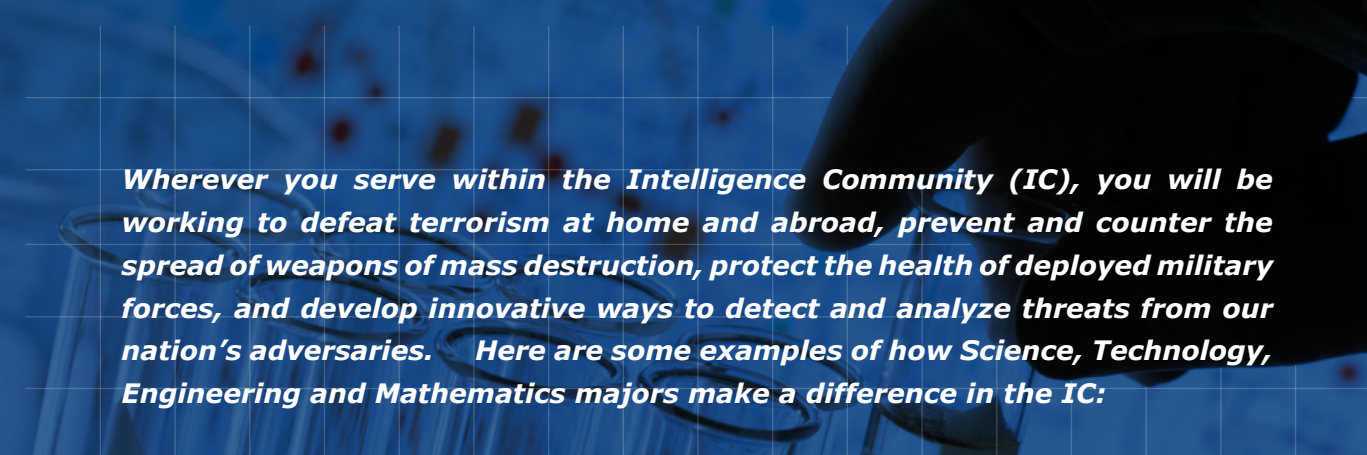
Depending on the hiring agency's policies, you might also receive a hiring bonus, student loan repayment and/or relocation costs.

## CONTINUED PROFESSIONAL DEVELOPMENT

Your professional development is extremely important to us. As a STEM professional in the IC, you will have the opportunity to enhance your competency in your career field through a variety of educational and training programs, including tuition assistance for advanced degrees, as well as opportunities for travel and assignments outside your home office.

As an IC employee, you are eligible to apply to the National Intelligence University, School of Science and Technology, which offers accredited graduate degree programs in Science and Technology Intelligence to develop critical thinking skills and advanced analytic methods.

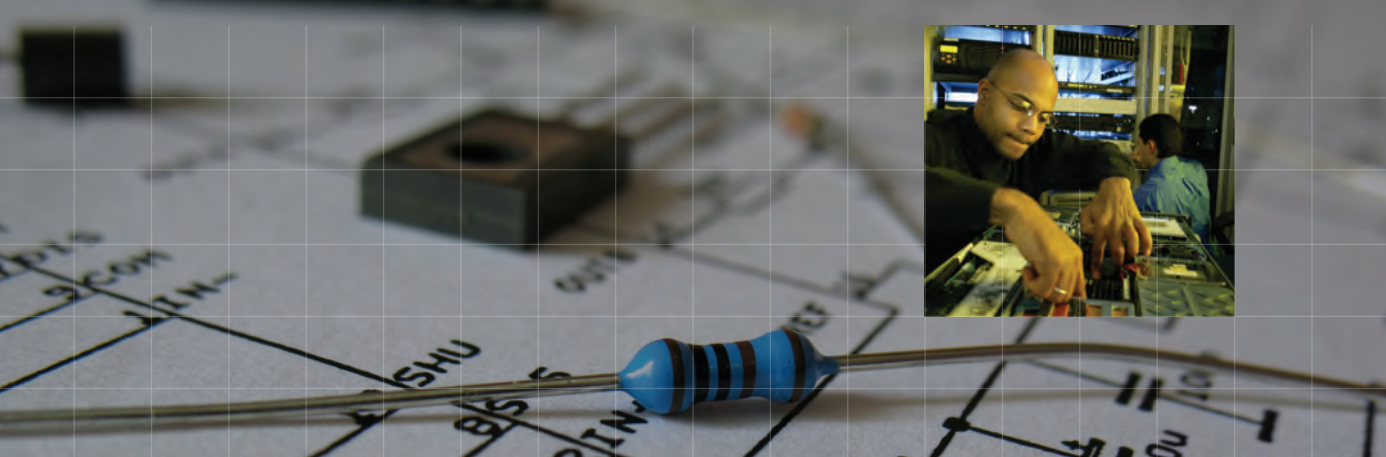




***Wherever you serve within the Intelligence Community (IC), you will be working to defeat terrorism at home and abroad, prevent and counter the spread of weapons of mass destruction, protect the health of deployed military forces, and develop innovative ways to detect and analyze threats from our nation's adversaries. Here are some examples of how Science, Technology, Engineering and Mathematics majors make a difference in the IC:***

## WHAT WE DO

- A mathematician at the National Security Agency (NSA) decodes adversaries' messages by solving complex cryptographic problems.
  - A systems engineer at the Defense Intelligence Agency (DIA) identifies Weapons of Mass Destruction capability gaps and rapidly transitions technical solutions to the IC to fill those gaps.
  - A nuclear engineer in the Central Intelligence Agency's (CIA) counterproliferation office tracks the activities of suppliers of nuclear technology, materials and equipment.
  - An aerospace engineer in one of the military Service Intelligence Centers – working as part of a multi-agency team – analyzes foreign missile systems to determine the threat they pose to U.S. and Allied forces.
  - A program manager at the Intelligence Advanced Research Projects Activity (IARPA) leads an interdisciplinary team applying nano-technology to develop innovative intelligence collection systems.
  - A chemical engineer at the National Counterterrorism Center assesses the implications and potential impact of a terrorist explosive device.
  - An imagery analyst at the National Geospatial-Intelligence Agency (NGA), with a degree in geology, assesses damage to civilian infrastructure, caused by natural disasters or military action.
  - A virologist at DIA's National Center for Medical Intelligence assesses foreign biotechnology advancements which may someday give another country a military advantage.
  - A biologist at the Federal Bureau of Investigation (FBI) traces biological pathogens such as anthrax to their source.
  - A chemist in the Department of Homeland Security (DHS) explores and evaluates methods to detect liquid explosives to make air travel safer.
  - An astro engineer at the National Reconnaissance Office (NRO) develops cutting-edge satellite technologies and innovative collection concepts for national security.
  - A geophysicist in NGA's InnoVision S&T Directorate, collaborating with the Department of Energy's (DOE) Sandia National Laboratory, combines global gravity models and global 3-D seismic models to improve the detection of earthquakes.
  - An environmental security analyst at the Department of State assesses the impact of climate change on food and water resources internationally to prepare for possible future humanitarian aid requirements.
  - A cybersecurity professional at Treasury protects sensitive financial communications from prying hackers.
- Whether you prefer to design technological applications, “reverse engineer” an application developed by a foreign country or research theoretical aspects of a science or the application of that science to solving concrete problems, there is a place for you within the IC. As a STEM professional in the IC, you will have the opportunity to work with some of the brightest minds in the country, both inside and outside of government, in keeping our nation safe.



# FOR ADDITIONAL INFORMATION



- Central Intelligence Agency ..... [www.cia.gov](http://www.cia.gov)
- Defense Intelligence Agency ..... [www.dia.mil](http://www.dia.mil)
- Department of Energy..... [www.doe.gov](http://www.doe.gov)
- Department of Homeland Security ..... [www.dhs.gov](http://www.dhs.gov)
- Department of State..... [www.state.gov](http://www.state.gov)
- Department of the Treasury ..... [www.treasury.gov](http://www.treasury.gov)
- Drug Enforcement Administration ..... [www.justice.gov/dea](http://www.justice.gov/dea)
- Federal Bureau of Investigation ..... [www.fbi.gov](http://www.fbi.gov)
- Intelligence Advanced Research Projects Activity ..... [www.iarpa.gov](http://www.iarpa.gov)
- Marine Corps Intelligence Activity ..... [www.quantico.usmc.mil](http://www.quantico.usmc.mil)
- National Air and Space Intelligence Center..... [www.afciviliancareers.com](http://www.afciviliancareers.com)
- National Geospatial-Intelligence Agency ..... [www.nga.mil](http://www.nga.mil)
- National Ground Intelligence Center (Army)..... [www.cpol.army.mil](http://www.cpol.army.mil)
- National Security Agency..... [www.nsa.gov](http://www.nsa.gov)
- Naval Intelligence..... [www.donhr.navy.mil](http://www.donhr.navy.mil)
- Office of the Director of National Intelligence ..... [www.USAJOBS.gov](http://www.USAJOBS.gov)

Additional information can also be obtained at: [www.intelligence.gov](http://www.intelligence.gov)