

Consent Agreement

Application for Employment

You have read and agreed to the following agreement...

Before You Apply

Friends, family, individuals, or organizations may be interested to learn that you are an applicant for the CIA, but widespread public knowledge of your Agency affiliation could limit your opportunities (current and future) within the Agency. We therefore ask you to exercise discretion and good judgment in disclosing your interest in a position with the Agency.

Please read the following sections carefully before you apply to the CIA. The information is designed to help you determine your qualification for the CIA and to apply efficiently.

Drug Use

To be considered suitable for Agency employment, applicants must generally not have used illegal drugs within the last twelve months. The issue of illegal drug use prior to twelve months ago is carefully evaluated during the medical and security processing.

Personal Integrity

A career in intelligence can be enormously rewarding. It also demands the very best of the men and women who comprise the Agency's workforce. To meet the requirements of the work itself, intelligence professionals must be highly competent in their fields. To safeguard some of the nation's most sensitive information, CIA officers must be highly reliable and trustworthy. Woven through all aspects of their performance is the imperative to adhere to the highest standards of integrity. To be selected for a position of such trust and responsibility, one must be granted a security clearance.

Many applicants wonder if they can pass such scrutiny. Although national security is always the paramount consideration, the Agency recognizes that no one is perfect. Agency security officials consider the nature, extent, seriousness, and recency of past behavior. They weigh the potential risk and benefit of each individual -- the whole person -- with utmost care.

The Clearance Process

The clearance process, which is strictly governed by rules and regulations derived from Federal statute and executive orders, begins when you accept a conditional offer of employment from the Agency. It involves a thorough examination of your life history and fitness to safeguard the nation's secrets. Think of this process as the first step in building a bridge of trust between you and the Agency. Candor is an essential ingredient in the establishment of that trust.

The investigation addresses comprehensively one's loyalty to the United States, strength of character, trustworthiness, honesty, reliability, discretion, and soundness of judgment. In addition, it examines one's freedom from conflicting allegiances, potential for coercion, and willingness and ability to abide by regulations governing the use, handling, and protection of sensitive information.

The Agency uses a polygraph to check the veracity of information that bears upon the areas listed above. CIA's polygraph examiners are highly trained security professionals, among the world's best in their field. They work closely and carefully with applicants to ensure that the information upon which clearance decisions are based is as accurate as it can be and is guarded with the strictest confidence.

Please keep in mind the clearance process can be lengthy depending on your individual circumstances and your candor is critical to the timely completion of this process.

The hiring process also entails a thorough medical examination of one's mental and physical fitness to perform essential job functions.

You Should Also Note

Your responsibility to adhere to high standards of personal conduct does not end on the first day of employment. CIA employees undergo regular reinvestigations, including periodic polygraph examinations.

CIA is an Equal Opportunity Employer. The Agency does not discriminate on the basis of race, color, religion, sex, national origin, disability, age, or sexual orientation.

☒ Agree ☐ Disagree

Security Consent Agreement

You have read and agreed to the following agreement...

If You Submit a Resume Online

The job application that you submit will be used for official CIA purposes only, in accordance with applicable federal law and regulations, and will be stored in an internal resume tracking system in accordance with CIA Official Records Control Schedule. Your data is only available to CIA Personnel and unless you authorize the CIA to share it with other federal hiring officials by answering 'yes' to the relevant question on the resume form, it will not be shared with any other federal agency. Please read the Security Notice below for an important exception to this policy.

Please read the following section carefully before you apply to the CIA. The information is designed to help you determine your qualification for the CIA and to apply efficiently.

Security Notice

This system and related software and equipment are intended solely for the communication, transmission, processing and storage of U.S. Government information. For site security purposes and to ensure that the Web site remains available to all users, the Central Intelligence Agency monitors network traffic to identify unauthorized attempts to upload or change information or to otherwise cause damage to the site. Anyone using this Web site expressly consents to such monitoring.

Unauthorized attempts to modify information stored on this system, to defeat or circumvent security features, or to utilize this system for other than intended purposes are prohibited and may result in criminal prosecution.

If monitoring reveals evidence of possible criminal activity, such evidence may be provided to law enforcement personnel. In addition, if you send us information about a threat or comments that might constitute a threat, or your comments contain information about criminal activities, we may provide that and associated information to law enforcement and/or appropriate authorities.

☒ Agree ☐ Disagree

Application

Contact Information

Name

Dr. Keneth Cavagnolo

Address

Home: 1324 Westview Ave (primary)
211A
East Lansing, MI 48823
USA

SSN

259-57-7263

Telephone

517-285-9062 (Cell) (primary)

Email

kencavagnolo@gmail.com

Background

What is your citizenship status?	US Citizen
Are you willing to relocate to the Washington, DC area?	Yes
Do you authorize us to share your resume with other elements of the federal government for employment purposes?	Yes
How did you learn about this website?	Online Career Builder.com

Preferences and Expertise

Preference

Salary Preferences	\$50,000.00
Is salary negotiable?	Yes
Work Preferences	Full Time
Travel Preferences	Frequent Domestic and Foreign Travel
Additional Job Information	

Experiences

None are applicable

Acoustics
Aerodynamic modeling software
Air defense systems
Aircraft
Algorithm development
Analyst Notebook
Armored vehicles
Arms control treaties
Assembly language
Assessing illicit foreign developments
Assimilation of new weapons systems - U.S.
Assimilation of new weapons systems - foreign
Biological development & technology
Biological or chemical defense
Biological research
Biometric technology
Biotechnology
Budget tracking & analysis
C/C++
COMSEC/TEMPEST
COTS power sources
Cable communications
Cable-to-modem communications
Cell design & process engineering
Cellular networks
Chemical development and technology
Chemical imagery
Chemical processing
Chemical research
Chemical, biological, radiological, & nuclear applications
Chinese science & technology
Civil technology
Coding/Decoding devices
Combat aircraft
Commercial experience in field or laboratory work
Commercial software development experience
Computer Aided Design (CAD, PRO-E, AutoCAD) software
Computer forensics
X Computer programming
Computer security systems
Computer-aided machining (CAM) techniques

Construction
Contracts management
Conventional mills, lathe & surface grinders
Conventional weapons systems
Cost estimation
Cost/benefit trades
Cruise missiles (antiship)
Crypto-mathematic implementation on computers
Data integration
Decision tools
Demography
Digital photography
Digital signal processing (DSP)
Diplomatic service
Dual-use industrial development & production
Econometrics
Economic analysis
Elections analysis
Electrical wiring
Electrochemical systems
Electromagnetics
Electronic circuit theory
Electronics
Engineering economics
Engineering ethics
Environmental requirements
Environmental science
Fiber optics & cable communications
Fireworks
Flash
Forensic analysis of features, devices, & materials
Forensic document examiner
X Fortran
X Gaming
Geographic Information System (GIS)
Geospatial modeling
Government contractor
Graphic design portfolio
HW/SW test & integration
High-end desktop publishing software
IC/DoD collection management tools

- Imagery scientists
- Industrial chemical & biologic research &/or processing
- Industrial processing
- Information systems
- Information warfare concepts
- Injection molding
- Intelligence Community experience
- International banking/finance
- International nuclear nonproliferation & disarmament debates
- International travel consultant
- International/foreign affairs
- Internet/intranet portal technology
- Introducing innovations into large organizations
- JAVA
- Knowledge management
- LAN/WAN technologies & protocols
- Law enforcement
- Leadership analysis
- Life sciences research
- Link analysis
- X Linux
- Lithium based chemistries
- Macromedia Dream Weaver
- X Map reading & terrain analysis
- Mapping
- X Mathematical modeling & programming
- X Mathematical modeling software (MAT LAB, MathCAD)
- Media analysis
- Meteorology
- Microelectronics
- X Microsoft Access
- X Microsoft Excel
- X Microsoft PowerPoint
- X Microsoft Publisher
- X Microsoft Word
- Military - SEAL team
- Military - USMC (Force Recon-Breacher)
- Military - signals intelligence (SIGINT)
- Military - special forces-engineer
- Missiles (aerodynamic/tactical)
- Missiles (ballistic)

- Missiles (cruise)
- Modeling languages
- Modeling warhead effectiveness or performing blast effects analysis
- Nanotechnology
- National security policy
- Network & link analysis
- Network operations
- Network/information security
- Nuclear development & technology
- Nuclear foreign policy
- Nuclear fuel cycle applications or technologies
- X Nuclear physics
 - Nuclear proliferation
 - Nuclear reactors
 - Nuclear, Biological, Chemical (NBC) operations
 - Operations research
 - Packet switch networks
 - Patent law & rights-in-data
- X Perl
 - Photo/video skills
 - Photography
 - Plumbing
 - Police officer/military/FBI working in surveillance
 - Police surveillance
 - Polling
 - Production of spare tooling
- X Programming languages for simulation analysis
- X Project management
 - Proliferation
 - RF communications
 - RF propagation
 - Ranger Regiment (Breacher)
 - Remote sensing analysis
 - Repairing injection molds
 - Research & development
- X Research methodology
 - Rotational casting
 - SPSS analytical program
 - Satellite communications
 - Schematic electronic diagrams
 - Seismology

- Signal collection techniques
- Signal processing
- Silicone mold making & part casting techniques
- Space systems
- X Standard desktop publishing software
- X Statistical computing
- X Statistics
 - Stockpiling
 - Submarines
 - Surface ships
 - Symbian
 - Systems architectures
- X Technical writing
 - Technology solutions - agent based modeling
 - Technology solutions - chaos & complexity theory
 - Technology solutions - computational linguistics
 - Technology solutions - information discovery
 - Technology solutions - natural language processing
 - Technology solutions - non-linear dynamics
- Telecommunications
- Telecommunications protocols for dial-up & leased line
- Thermoforming
- Think tank experience
- Tool & die maker
- Video & image enhancement
- Visual Basic
- Voice/data communications (satellite, RF, wireless & telecommunications)
- Weapons - asymmetrical
- Weapons - conventional
- Weapons - design
- Weapons - tactics (military)
- Web protocols & technologies (HTML, JAVA, HTTP, TCP/IP)
- Website management tools
- Woodworking
- XML

Knowledge, Skills & Abilities

- None are applicable
- Advanced conventional weapons development and/or proliferation
- Agriculture & food security

- Alternative Analysis Techniques
- Analytic tools needed for economic analysis
- X Analytic tools to conduct research
- X Analyze & assess programs, projects, or systems
- X Analyze information & make correct inferences or draw accurate conclusions
 - Apply PMBOK concepts, principles & practices
 - Apply a strategic approach to establishing an architectural vision
- X Apply statistical, algebraic, trigonometric, or geometric techniques
 - Apply technical signals information in innovative ways
- X Aptitude for assimilating & manipulating large quantities of data
 - Arms control & treaty monitoring issues & organizations
 - Assess how individuals, organizations & technology operate & interact
 - Assess industry capabilities to determine organization's strategic goals
 - Collection evaluation methodologies, systems, & techniques
 - Communicate & translate vision into specific initiatives
 - Complex geographic or functional area
 - Computer security systems
- X Conceptualize & develop new technologies or hardware/software
 - Conventional weapons sales & transfers
 - Conventional weapons technologies & systems
- X Convey technical information to non-technical individuals
 - Counterintelligence
 - Cultural aspects of regions affected by arms control or nonproliferation
 - Cultural knowledge of a specific region, country, and/or issue
 - Culture & its impact on communications
 - Current & future technology trends
 - Cyber threats to U.S. infrastructures
 - Demographics, migration, & population movements
- X Detail oriented & ensures accuracy of data & documentation
 - Diplomatic traits & behaviors of a specific region and/or country
 - Economic aspects of regions affected by arms control or nonproliferation
 - Economic knowledge of a specific region, country, and/or issue
 - Emerging and/or potentially disruptive technologies
 - Energy security
 - Environment & natural resources
 - Evaluate & recommend new & emerging technologies
 - Federal Acquisition Regulations (FAR)
 - Federal budget cycle
 - Federal contracting concepts & regulations
 - Federal laws, law enforcement operations, & capabilities
 - Foreign denial & deception activities

- Foreign intelligence organizations
- Foreign military combat capabilities, operations & intentions
- Foreign military doctrine
- Foreign military regions affected by arms control or nonproliferation
- Foreign military training techniques
- Foreign multi-national R&D consortia & corporate entities
- Foreign policy objectives & relations with the United States
- Foreign space systems & operations
- X Function in small, enclosed work environments
 - Geographic Information Systems (GIS)
 - Geographic aspects of regions affected by arms control or nonproliferation
 - Geospatial information sensing/remote sensing
 - Global terrorist organizations
 - Gulf Cooperation Council
 - History of a specific region, country, and /or issue
 - Homeland security
 - Human rights & war crimes issues & organizations
 - Human rights law
 - Identify emerging & disruptive technologies
 - Identify resource and/or risk management problems
 - Identify technology gaps in current capabilities & processes
 - Illicit drug activities & organizations
- X Image exploitation technologies, image acquisition, & imagery analysis
- X Information resources & analytic tools
 - Information sharing technology
 - Intellectual & socio-emotional development
 - Intelligence and/or national security analysis
 - Intelligence aspect of regions affected by arms control or nonproliferation
 - Intelligence aspects of specific country, region, or transnational issues
 - International Atomic Energy Agency
 - International banking issues & networks
 - International entities posing cyber threats
 - International financial systems
 - International humanitarian law
 - International law
 - International non-proliferation issues & organizations
 - International organized crime organizations
 - International police organizations
 - International political/military organizations
 - International relief & humanitarian organizations
 - International trade

- Interpret a country's economic policies & performance
- Language including understanding of slang, idioms, and doubletalk
- Laws of armed conflict
- Leadership analysis methodological tools & approaches
- X Leading academic & other external viewpoints on specified topics
- X Learn a relevant area language as necessary
- X Listen attentively & make productive use of acquired information
 - Macro & microeconomic theory incl balance of payment analysis
 - Macro & microeconomic theory incl fiscal & monetary policy
- X Make non-linear projections
 - Make recommendations on the impact of current & emerging technologies
- X Make sound analytical judgments
- X Make tactical & strategic decisions that drive business objectives
 - Maritime/oceans
 - Mechanics of trade
 - Military knowledge of a specific region, country, and/or issue
 - Military order of battle
 - Money laundering & illicit financial transactions & entities
 - Multicultural, economic & trade orgs. financial issues & institutions
 - NATO
 - Network operations
 - Non-Western cultures, societal norms, & traditions
 - Nonproliferation regimes
 - OPEC countries
 - Organizations engaged in acquisition or sale of military or WMD technology
- X Organize & draw inferences from operational-technical data
- X Oversee the implementation of complex applications & ensure functionality
- X Perform detailed work with hands (dexterity)
- X Perform qualitative & quantitative research
 - Political aspects of regions affected by arms control or nonproliferation
 - Political knowledge of a specific region, country, and/or issue
- X Process to justify & defend resource allocations & expenditures
- X Produce finished intelligence with short & long term deadlines
- X Project management concepts & principles
 - Provide technically viable design criteria for design/engineering efforts
- X Quantitative methods
 - Radar systems
- X Read, comprehend & follow complicated verbal & written materials
- X Related disciplines associated with the scientific industry
 - Religious organizations
- X Research methods

- Resource management principles & applications
 - Resource management, e.g. budgeting, staffing, project management
 - Signal characteristics
 - Social aspects of regions affected by arms control or nonproliferation
 - Social issues in a specific region, country
 - Space systems/satellites
 - Survey research, design, & analysis
 - Systems architecture
 - Technical aspects of regions affected by arms control or nonproliferation
 - Technical aspects of specific country, region, or transnational issues
 - Telecommunications systems
 - X Translate & communicate vision into specific initiatives
 - Transnational gangs (limited to those with a significant U.S. presence)
 - Trends in global trade
 - U.S. foreign policy for specified region or transnational issue
 - U.S. military intelligence
 - Unconventional warfare methods
 - United Nations
 - X Use & improve a broad range of methodological tools & approaches
 - Weapons of mass destruction development &/or proliferation
 - Work 24 hour rotating shifts
 - World Health Organization
 - World Trade Organization
 - X Write comprehensive assessments or technical characterizations
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Majors & Concentrations

- None are applicable
- Accounting and Finance
- African Studies
- Agricultural Science
- Anthropology
- Anthropology - Cultural
- Asian Studies
- Biochemistry
- Biological Sciences
- Biological and Physical Sciences
- X Biology - General
- Biomedical Sciences
- Biometrics
- Biophysics

Business Administration
Business Management and Administration
Business and Managerial Economics
X Chemistry
Chemistry - Analytical
Chemistry - Physics
Communications
Comparative International Politics
Comparative Politics
Comparative Studies
Computational Linguistics
Computational Mathematics
Computational Sciences
Computer Engineering Technology
Computer Science
Computer Systems Network Technology
Conflict Analysis and Resolution
Economics
Economics - Development
Economics - Macro
Economics - Micro
Education
Electrical Engineering Technology
Engineering - Aerospace
Engineering - Biomedical
Engineering - Chemical
Engineering - Civil
Engineering - Computer (General)
Engineering - Electrical
Engineering - General
Engineering - Industrial
Engineering - Mechanical
Engineering - Nuclear
Engineering - Physics
Engineering - Radiological
Engineering Technologies
English
Environmental Science
Epidemiology
European History
Finance

Financial Planning
Forensic Science
Forestry
Geography
Geology
Geophysics
History
History - Military
Immunology
Information Science
International Affairs
International Business
International Economics
International Finances
International Relations
International Security Policy
Islamic Studies
Journalism
Latin American Studies
Law
Liberal Arts
Materials Science
X Mathematics
Medical Science
Microbiology
Mid Eastern Studies
Military Science
Molecular Biology
National Security Studies
Nuclear Engineering Technology
Nuclear Medical Technology
Operations Research
X Physical Science
X Physics
Police Science
Political Science
Pre-law Studies
Psychology
Psychology - Political
Psychology - Social
Russian Studies

Security Studies
Sociology
South Asian Studies
Southeast Asian Studies
Statistics
Toxicology

Work History

<i>From</i>	09/2008	<i>To</i>	Still Employed
<i>Company Name</i>	University of Waterloo		
<i>Company Address</i>	200 University Avenue West Waterloo N2L 3G1 CAN		
<i>Job Title</i>	Postdoctoral Fellow		
<i>Highest Gross Annual Pay</i>	\$38,000.00		
<i>Reason for leaving</i>			
<i>Job Duties</i>			
<i>Job Experience</i>			
Skill	Years Experience		
Analytic Methodologist	0.0		
Computer programming	1.25		
Fortran	0.5		
Gaming	0.0		
Linux	1.25		
Map reading & terrain analysis	0.0		
Mathematical modeling & programming	1.25		
Mathematical modeling software (MAT LAB, MathCAD)	1.25		
Microsoft Access	0.0		
Microsoft Excel	0.0		
Microsoft PowerPoint	0.0		
Microsoft Publisher	0.0		
Microsoft Word	0.0		
Nuclear physics	1.0		
Perl	1.25		
Programming languages for simulation analysis	1.25		
Project management	1.25		
Research Scientist	1.25		

Research methodology	1.25
Science, Technology, & Weapons Analyst	0.0
Standard desktop publishing software	0.5
Statistical computing	1.25
Statistics	1.25
Technical Analyst	0.0
Technical writing	1.25

From 06/2002 *To* 08/2008

Company Name Michigan State University

Company Address Physics and Astronomy Department, MSU
East Lansing, MI 48823
USA

Job Title Graduate research assistant / Teaching assistant

Highest Gross Annual Pay \$17,000.00

Reason for leaving School Completion

Job Duties

Job Experience

Skill	Years Experience
Analytic Methodologist	0.0
Computer programming	6.25
Fortran	2.0
Gaming	0.0
Linux	6.25
Map reading & terrain analysis	0.0
Mathematical modeling & programming	6.25
Mathematical modeling software (MAT LAB, MathCAD)	6.25
Microsoft Access	0.0
Microsoft Excel	0.0
Microsoft PowerPoint	0.0
Microsoft Publisher	0.0
Microsoft Word	0.0
Nuclear physics	3.0
Perl	6.25
Programming languages for simulation analysis	6.25
Project management	6.25
Research Scientist	6.25
Research methodology	6.25
Science, Technology, & Weapons Analyst	0.0
Standard desktop publishing software	1.0
Statistical computing	6.25

Statistics	6.25
Technical Analyst	0.0
Technical writing	5.0

Education

<i>Degree</i>	Doctoral Degree		
<i>Major</i>	Astrophysics	<i>GPA</i>	4.00
<i>School Name</i>	Michigan State University	<i>School Location</i>	East Lansing, Michigan
<i>Did you graduate</i>	Yes	<i>Graduation (mo. / yr.)</i>	08/2008
<i>Comments</i>	Sherwood K. Haynes Award for Outstanding Graduate Student MSU College of Natural Science Dissertation Fellow American Astronomical Society Member American Physical Society Member Dissertation: Investigating Feedback and Relaxation in Clusters of Galaxies with the Chandra X-ray Observatory		
<i>Degree</i>	Master Degree		
<i>Major</i>	Astrophysics	<i>GPA</i>	3.44
<i>School Name</i>	Michigan State University	<i>School Location</i>	East Lansing, Michigan
<i>Did you graduate</i>	Yes	<i>Graduation (mo. / yr.)</i>	05/2005
<i>Comments</i>	Magna Cum Laude graduate Thesis: Entropy Profiles of Cooling Flow Clusters		
<i>Degree</i>	Bachelor Degree		
<i>Major</i>	Applied Engineering Physics	<i>GPA</i>	3.32
<i>School Name</i>	Georgia Institute of Technology	<i>School Location</i>	Atlanta, Georgia
<i>Did you graduate</i>	Yes	<i>Graduation (mo. / yr.)</i>	05/2002
<i>Comments</i>	Cum Laude graduate Dean's List every semester Sigma Pi Sigma, National Physics Honor Society Senior Thesis: Analysis of the Eclipsing Binary ET Tau 3.55/4.0 GPA in major		
<i>Degree</i>	High School Diploma/GED		
<i>Major</i>	General Studies	<i>GPA</i>	3.90
<i>School Name</i>		<i>School Location</i>	
<i>Did you graduate</i>	Yes	<i>Graduation (mo. / yr.)</i>	06/1998

Comments

South Forsyth High School, Cumming, GA
Earned College-Prep seal
Lettered in academics and tennis
Math Team, captain
Quiz Bowl, captain
Co-editor of school newspaper
National Latin Exam, Magna Cum Laude

Certifications and Licenses

N/A

Foreign Area Knowledge

N/A

Languages and Proficiency Levels

<i>Language</i>	<i>Reading Level</i>	<i>Listening Level</i>	<i>Speaking Level</i>
French	1 - Elementary Proficiency	1 - Elementary Proficiency	0 - No Proficiency
German	1 - Elementary Proficiency	1 - Elementary Proficiency	0 - No Proficiency
Italian	1 - Elementary Proficiency	1 - Elementary Proficiency	0 - No Proficiency
Spanish	1 - Elementary Proficiency	1 - Elementary Proficiency	0 - No Proficiency

Military Experience

N/A

File Attachments

<i>File Name</i>	<i>File Type</i>
cover.pdf	Other Attachment
cv.pdf	Other Attachment
ken.doc	Resume
publications.pdf	Other Attachment

Jobs Selected

Position: Analytic
Methodologist

Developing and applying new or established analytic methodologies that include social science research methods, statistics, operations research and econometrics, mathematical and geospatial modeling to add rigor and precision to intelligence analysis and collection is the responsibility of the Analytic Methodologist.

Agency analysts are encouraged to maintain and broaden their professional ties through academic study, contacts and attendance at professional meetings. They may also choose to pursue additional studies in fields relevant to their areas of responsibility. Opportunities exist for foreign and domestic travel, language training, analytic and management training, and assignments to other offices in the Agency and throughout the US Government.

Minimum requirements include an advanced degree and experience in fields involving statistics; mathematics; econometrics; GIS/remote sensing; operations research; computer or mathematical programming; survey research, design, and analysis, gaming, and modeling. A GPA of at least 3.0 on a 4.0 scale is also required, along with good oral expression and strong writing skills, including the demonstrated ability to write concise prose, such as for a newspaper and research papers. You must also possess a strong interest in international affairs, and the ability to work in a team environment. Foreign language ability, particularly in Arabic, Chinese (any dialect), Russian or Spanish, is a plus, as is familiarity with database creation and manipulation.

Additional "Optional" Requirement: Please attach a writing sample to your application. The attachment should be an analytical writing sample in your area of claimed substantive expertise. This sample should be 5-8 pages, preferably unedited by others.

Position: Research
Scientist

The Directorate of Science and Technology (DS&T) seeks Research Scientists to direct and oversee scientific research and development activities across multiple programs and through one or more projects addressing Agency and Intelligence Community (IC) objectives. This includes development and implementation of innovative original theories/methods applicable to support and enhance the intelligence mission. Perform exploratory and applied scientific research, provide operational and strategic technical guidance on use of current and emerging technology, and provide technical expertise for initiating and implementing research and development programs. This work demands initiative, creativity, advanced research skills and technical expertise. Agency Research Scientists are encouraged to maintain and broaden professional ties through academic study, contacts and attendance at professional meetings. They may also choose to pursue additional studies in fields relevant to their areas of responsibility. Opportunities exist for foreign travel, technical and management training, and assignments in other offices in the Agency and throughout the US Government.

Minimum requirements include a bachelor's or master's degree (PhD desired) in: General Engineering; Mechanical Engineering; Electrical Engineering; Computer Science; Physics, Mathematics, Chemistry and Chemical Engineering; Biology; Biomedical Engineering; Cultural Anthropology; Psychology; Material Science; Research Methodology/Statistics; Electrochemistry; or Sociology. Applicants must also possess strong written and oral English communications skills. A GPA of 3.0 or better on a 4.0 scale is preferred.

Position: Science,
Technology and Weapons
Analyst

The Directorate of Intelligence (DI) seeks engineers and scientists to analyze challenging national security issues, such as foreign weapons development, weapons proliferation, information warfare and emerging technologies. These engineers and scientists will serve as professional intelligence officers, applying their scientific and technical knowledge to solving complex intelligence problems, and presenting their assessments to senior policymakers. This work demands initiative, creativity, analytical skills and technical expertise. Agency analysts are encouraged to maintain and broaden professional ties through academic study, contacts, and attendance at professional meetings. They may also choose to pursue additional studies in fields relevant to their areas of responsibility. Opportunities exist for foreign travel, language training, analytic and management training, and assignments in other offices in the Agency and throughout the US Government.

Minimum requirements include a bachelor's or master's degree in: Aerospace Engineering; Mechanical Engineering; Electrical Engineering; Computer Engineering; Computer Science; Nuclear Engineering; Physics; Mathematics; Chemistry and Chemical Engineering; Biological Sciences; Biotechnology and Microbiology; Physical Sciences; or Remote Sensing/GIS. Applicants must also possess strong written and oral English communications skills. A GPA of 3.0 or better on a 4.0 scale is required.

Additional "Optional" Requirement: Please attach a writing sample to your application. The attachment should be an analytical writing sample in your area of claimed substantive expertise. This sample should be 5-8 pages, preferably unedited by others.

Position: Technical /
Targeting Analyst

Do you have an aptitude for solving challenging puzzles? Are you able to focus on technical details while maintaining a "big picture" perspective? Do you enjoy writing and briefing on the important results of your work? The Central Intelligence Agency's Directorate of Science and Technology is seeking candidates to serve as Technical Analysts and be part of a dynamic team that unites three disciplines--analysis, development and operations--to maximize our collection advantage.

As a Technical Analyst you will be a pivotal member of a mission that pioneers solutions that enable the DST to collect intelligence against our nation's highest priority threats in a global environment that is often hostile, fast-paced, and technologically savvy. We are looking for high-energy, intellectually curious individuals who thrive on tackling the most difficult all-source analytic efforts in support of cutting-edge operations using specialized, state-of-the-art tools and technologies. This work is increasingly complex and highly dynamic, affording the successful candidate considerable opportunity to address high-profile intelligence issues and apply the full-range of analytic tradecraft to sophisticated, challenging DST mission covering many regional areas including: the Middle East, East Asia, South Asia, Europe and Latin America as well as developing substantive expertise on terrorism, proliferation, cyber threats, narcotics trafficking and money laundering.

Technical Analyst positions involve research, critical thinking skills, as well as writing, and briefing both current and longer term intelligence studies to senior officials and to steer intelligence operations and exploit key data. Key to this work is being able to identify and assess the right entities and the right vulnerabilities and technology trends to enable new collection operations that answer critical intelligence issues. Doing it right requires strong analytic, research and investigative skills combined with ops sense and personal initiative and some technical expertise or aptitude. Opportunities exist for further professional development, overseas travel as well as domestic travel as well as assignments in other Agency offices. This position provides opportunities for some overseas travel as well as occasional stateside travel. Discretion is a must and the capability to work with highly sensitive intelligence is required. Advanced training will be provided in telecommunications systems and capabilities as well as analytical tools and methodologies.

Minimum requirements include a Bachelor's degree (or equivalent military experience) in a foreign area study, international relations, national security studies, engineering, computer science, physics, chemistry, mathematics, geography, or related disciplines. Strong academic credentials (or equivalent military experience) in network analysis, stateless organizations, geospatial analysis, signal processing, or intelligence analysis are a plus. For some specialties, a master's or advanced technical degree may be required. Candidates must also possess strong skills in written and oral English, demonstrate excellent analytic ability, solid interpersonal skills and the ability to work under pressure and tight deadlines. A GPA of 3.0 or

better on a 4.0 scale is required.

Personnel Evaluation Form

Instructions:

You are seeking employment with a U.S. Government agency. You must be a US citizen and complete this form to continue the hiring process. Please take a few moments to answer the attached questions related to your suitability for employment.

It is of the utmost importance that you answer the attached questions truthfully, completely, accurately, in good faith, and to the best of your knowledge and belief. Integrity and honesty are extremely important. Any intentional false answers or statements may disqualify you from consideration for employment, or result in the termination of your employment after you begin work.

No further action will be taken on your application until this form is received. Information collected during the pre-employment screening process outlined above is strictly maintained in accordance with the Privacy Act of 1974, and will not be discussed during your employment interview.

Disclosure of your Social Security Number (SSN) is voluntary. Your SSN will be used to verify your identity for access to Government facilities and in Government records. The authority for requesting your SSN is the National Security Act of 1947, as amended. Incomplete addresses and ZIP Codes may also slow processing.

Special Note: If you are a male born after December 31, 1959, and are at least 18 years of age, civil service employment law (5 U.S.C. 3328) requires that you register with the Selective Service System, before you turn age 26, unless you meet certain exemptions. If you are not registered, with certain specific exceptions, you are not eligible for federal employment. (More information can be obtained from the Selective Service's website - www.sss.gov or by calling (847) 688-6888.)

If you have questions or concerns regarding the Personnel Evaluation Form (PEF), contact your recruiter.

Personnel Evaluation Form

Cavagnolo	Keneth	
Last Name	First Name	Middle Initial
259-57-7263	517-285-9062 (cell)	N/A
Social Security Number	Primary Phone #	Other Phone #s

Do you currently or have you ever held a security clearance? Yes ☒ No

Polygraph Examinations:

Polygraph(s) Taken - Have you ever taken a polygraph examination? Yes ☒ No

Polygraph(s) Anticipated - Do you anticipate taking a polygraph examination with another agency within the next 6 months? Yes ☒ No

Has any Agency ever conducted a single-scope background investigation (SSBI) or a periodic reinvestigation following an SSBI on you? Yes ☒ No

Have you ever received other than an honorable discharge from the United States Armed Services? ☒ Not Applicable Yes No

If you are a male born after December 1959, have you registered with the Selective Service? ☒ Not Applicable Yes No

Have you ever been subject to court martial or other disciplinary proceedings under the Uniform Code of Military Justice? ☒ Not Applicable Yes No

In the past seven years, have you left any employment for unfavorable reasons or without giving proper notice? Yes ☒ No

The following two questions pertain to the illegal use of drugs or drug activity. You are asked to answer the questions fully and truthfully, and your failure to do so could be grounds for an adverse employment decision or action against you, but neither truthful responses nor information derived from your responses will be used as evidence against you in any subsequent criminal proceeding.

Drug Use - In the past 12 months, have you illegally used any controlled substance, including but not limited to marijuana, cocaine, crack cocaine, ecstasy, hashish, narcotics (opium, morphine, codeine, heroin, etc.), amphetamines, depressants (barbiturates, methaqualone, tranquilizers, etc.), hallucinogenic (LSD, PCP, etc.), or have you misused prescription drugs? Yes ☒ No

Drug Activity - In the past seven years, have you been involved in the illegal purchase, manufacture, trafficking, production, transfer, shipment, receipt, or sale of any controlled substance for your own intended profit or that of another? Yes ☒ No

Are you now under charges for any violation of law? Yes ☒ No

Have you ever been convicted of a crime, been imprisoned, been on probation, or been on parole? Yes ☒ No

Are you delinquent on any Federal debt? Yes ☒ No

Within the past 5 years, have you been employed by or associated with the Peace Corps in any capacity (including as a trainee or volunteer)? Yes ☒ No

I acknowledge that I have read and understand the information and instructions, and that the collection, maintenance, use, and disclosure of the information provided on this form is governed by applicable provisions of the Privacy Act of 1974, section 552a of title 5 of the U.S. Code, as amended, and other applicable law.

I acknowledge that my statements on this form, and any attachments to it, are true, complete, and correct to the best of my knowledge and belief and are made in good faith, and that a knowing and willful false statement on this form can be punished by fine or imprisonment or both. (See Section 1001 of Title 18, United States Code.)

Qualifications Supplement

Please provide answers to the following questions.

Education Information

Why did you choose your major and what was your GPA? (Please provide GPA for major as well as overall GPA.)

My mother purchased a new computer in 1997 which came with an Encarta Encyclopedia CD. While perusing the CD, I stumbled across the section on quantum physics, and I was in awe. Combining my newfound passion for quantum mechanics with my childhood obsession with astronomy, I pieced together through my own research that astrophysics was the best area of study to touch on both. I made that personal discovery in 1997 and have never looked back. The result has been a academic, personal, and professional pursuit of knowledge in the areas of physics and astronomy that have resulted in a Ph.D..

What courses did you like best? Least?

Best:

- Cosmology courses
- Extragalactic astronomy
- Quantum mechanics
- Electromagnetism
- High-energy astrophysics
- Electronics courses
- Fluid Mechanics
- Thermodynamics

Least:

- Classical mechanics
- Statistical mechanics
- Stellar Evolution
- Radiative Astrophysics

Did you pay any of your expenses while attending college? If so, elaborate.

While an undergraduate I only paid for housing, the rest was covered by scholarships. As a graduate student, I did not pay for any schooling and was paid a monthly stipend. I took out a single \$5000 loan my first year in graduate school to cover expenses associated with moving from Georgia to Michigan (i.e. first/last months rent, gas, truck, furniture, winter clothing, books, etc.).

Personality and Interests

Why do you wish to work for this organization?

My education and career are the result of many opportunities which in manner were provided through government programs, and as such the efforts of other citizens. To now, I have made minimal contributions to the public sector other than being a law-abiding member of society that pays taxes. At this point in my life, I have been advised, and decided through my own research, that a seeking a career with the C.I.A. is manner in which I can make the most meaningful contribution to my country given my skillsets and educational background.

What other careers have you considered?

I have sought employment in many different areas of the industrial sector, but only as back-up options to my primary career of being a professional academic. However, I am finding this career choice to be personally and professionally unfulfilling, and am seeking a change to government service.

How do you usually spend your leisure time?

My leisure time is mostly devoted to outdoor activities (running, biking, swimming, hiking). However, when I am not physically active, I also enjoy reading (I truly do enjoy reading just about anything), photography, tinkering with computers/electronics, socializing, watching sports, and sometimes purely relaxing.

What is your principal asset?

An insatiable thirst for knowledge which is driven by a profound curiosity about the world and a seemingly endless supply of energy.

What is your principal shortcoming?

Taking on too many projects with too much depth and losing focus.

How would you describe yourself?

I am a kind-hearted person that is self-motivated, energetic, and curious. I am capable of doing just about anything (singing and dancing are innate weaknesses) and I make the people around me "better."

Writing Skills

File Name
cia.pdf

File Type
Writing