



OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE

**FUNDING OPPORTUNITY ANNOUNCEMENT
FOR
INTELLIGENCE COMMUNITY
CENTERS FOR ACADEMIC EXCELLENCE**



Intelligence Community

**Centers for
Academic
Excellence**

Diversity. Knowledge. Excellence.

ODNI-FOA-22-01

08 April 2022

Amendment 1: 29 April 2022

ISSUED BY:

Office of the Director of National Intelligence
Washington DC 20511

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The Eligibility Criteria Checklist (Appendix D) & Application Submission Checklist (Appendix E) referenced in this FOA were separately as fillable documents as part of the original FOA package provided in Grants.gov

I. PROGRAM DESCRIPTION

The Office of the Director of National Intelligence (ODNI) serves as the head of the U.S. Intelligence Community (IC), overseeing and directing the implementation of the National Intelligence Program and acting as the principal advisor to the President, the National Security Council, and the Homeland Security Council for intelligence matters related to national security.

ODNI's Office of the Assistant Director of National Intelligence for Human Capital (ADNI/HC) houses the IC Centers for Academic Excellence (CAE) Program Office (IC CAE PO), responsible for developing and distributing this Funding Opportunity Announcement (FOA), managing the application review process, and providing post-award grants program administration.

The design of the IC CAE Program was formulated and executed in accordance with:

- The Intelligence Authorization Act (IAA) for Fiscal Year (FY) 2010 (updated/amended 18 July 2019);
- 50 U.S.C. 3224 (“Intelligence Officer Training Program”); and
- 50 U.S.C. 3024(n)(4) (“Acquisition and Other Authorities”)

The IC CAE Program is a congressionally mandated program designed to promote the acquisition of competitive talent in concert with the U. S. IC's Human Capital Vision 2020. As background, the IC CAE Program began as a one-year pilot project directed by IAA for FY 2004 and initiated by the Director of Central Intelligence to meet the nation's demand for a diverse cadre of professionals to carry out national security priorities and obligations. In 2005, following the establishment of ODNI, the program moved under ODNI management with the intent to increase the pool of applicants by expanding awareness of the IC mission and culture throughout ethnically and geographically diverse communities. From October 2011 through December 2019, the IC CAE Program was managed by the Defense Intelligence Agency (DIA) with oversight from ODNI, experiencing continued growth and maturity. In December 2019, management of the IC CAE Program returned to the ODNI.

All accredited four-year colleges and universities in the United States are eligible. Institutions who previously received an IC CAE grant prior to 2019 may apply (current FY19 IC CAE grant receiving institutions are not eligible to apply). The legislation that established the program emphasized increasing the gender and ethnic diversity of the IC workforce, therefore, the IC CAE Program is especially interested in institutions with diverse populations of talent and in geographically diverse (rural) locations. Such institutions include Alaskan Native- or Native Hawaiian-Serving Institutions (ANNHSIs), Asian American and Native American Pacific Islander-Serving Institutions (AANAPISIs), Historically Black Colleges and Universities (HBCUs), Hispanic-Serving Institutions (HSIs), Native American-Serving Nontribal Institutions (NASNIs), Predominantly Black Institutions (PBIs), and Tribal Colleges and Universities (TCUs). Also included are underrepresented institutions or institutions with significant populations of minorities and/or women that possess credentials in disciplines and specializations that meet IC core mission requirements and Director of National Intelligence (DNI) Directives.

The IC CAE Program’s purpose is to develop a cadre of qualified intelligence professionals to carry out America’s long-term national security initiatives by creating a competitive, knowledgeable, and diverse workforce through the provision of single and multi-year grants to colleges and universities. The program encourages eligible institutions of higher education (IHEs) to submit applications that support curricula and programs that will create, attract, and sustain a robust, knowledgeable, and diverse talent pool in multi-disciplinary areas of interest to the IC.

Schools selected as grant recipients are known as IC CAE Program Schools. Students that participate in IC CAE Program School-funded curricula and programs are made aware these efforts are funded by the IC and are given the opportunity to work towards becoming an IC CAE Scholar, an elite status obtained by achieving certain milestones and defined in the Key References, Appendix B. This association propels the students toward becoming an IC talent pool of choice.

The IC CAE PO encourages IHEs to submit applications with innovative ideas for establishing and enhancing the IC CAE Program in order to create, attract, and sustain a diverse, robust, and knowledgeable talent pool in multi-disciplinary areas of interest relevant to the IC. The IC CAE PO has found the most successful participants are those guided by personnel with knowledge of and experience in the IC; however, this is not a requirement. Further findings show that school programs are enhanced by partnerships with and outreach to IC installations (offices, bases, or other concentrations of personnel) and private industry in their regions supporting intelligence/national security work. This allows additional resources to provide Subject Matter Expert speakers, internship opportunities, and other interactions with intelligence professionals. Schools applying for this grant are encouraged to obtain and become familiar with the information on the IC CAE Program by accessing the ODNI website at: <https://www.odni.gov/iccae>.

****NOTE: Applicants are advised to read this entire announcement carefully, as it explains the program needs, eligibility, and submission requirements as well as the terms, conditions, and the process for this competition. Carefully read all instructions below before beginning the application. ****

A. FOCUS AREAS

The IC CAE Program focus areas are referred to as objectives throughout this FOA. There are ten objectives which serve as the foundation of the program. All the objectives can be accomplished collectively by the prime applicant institution, hereinafter may also be referred to as the “lead institution,” and the consortium, hereinafter may also be referred to as “subrecipients.”

Objective 1: Curriculum Development

The IC CAE Program aims to strengthen academic programs in Minority Serving Institutions (MSIs) and underrepresented schools. The lead institution, either on its own, or through consortium agreements, shall demonstrate the ability or intent to develop, modify, and/or integrate courses into an undergraduate or graduate certificate, major, or minor degree program to be called the IC Centers for Academic Excellence (IC

CAE). The lead institution shall explain how it plans to creatively expand, upgrade, enrich, or integrate undergraduate or graduate course offerings to better prepare students for the future.

The lead institution shall select an area of focus for curriculum development, referred to as a Pathway. To fulfill Objective One, select one of four pathways. The Pathway options include:

- Pathway I: Intelligence/National Security
- Pathway II: Critical Technology Studies
- Pathway III: Science, Technology, Engineering, and Mathematics (STEM)
- Pathway IV: Integrated Approach: Intelligence/National Security & Critical Studies or Intelligence/National Security & STEM

Pathway I: Intelligence/National Security

To build the future IC workforce, a fundamental understanding of the IC and the intelligence cycle serves as the foundation of this pathway in addition to research ability, critical and creative thinking, and effective written and oral communication.

Core intelligence/national security courses may include:

- History of U.S. Intelligence and National Security
- The U.S. Intelligence Community
- Intelligence Cycle
- Intelligence Collections
- Critical Thinking Skills for Intelligence Analysis
- Analytic Writing and Briefing
- Introduction to Structured Analytic Techniques
- Intelligence Reasoning and Analysis
- Intelligence and National Security Policy
- Global Strategic Environment
- Collection and Analysis
- Denial and Deception

Pathway II: Critical Technology Studies

A key IC mission is the analysis of all available data in uncertain conditions. This includes connecting disparate data sets in the appropriate context to infer meaning using rigorous methodologies. The speed of data analysis and fusion is critical for future mission success and efficiency. To assist in this endeavor, the future IC workforce needs skills in areas such as artificial intelligence (AI), machine learning (ML), and other methods of automation or data analytics to augment and improve traditional methods. To further accomplish its mission, the future IC workforce also needs skillsets in a variety of cutting-edge technology areas to launch or sustain operations.

Critical technology studies program courses may include:

- Critical Technology History & the IC

- Emerging Technologies & Applications in the IC (awareness of potential of disruptive digital developments)
- Data Literacy/Acumen (to include fluency of digital information input through a range of devices, manipulating data into more understandable forms)
- Artificial Intelligence
- Data Science, Machine Learning, Computational Statistics
- Data Engineering and Data Management
- Human-Computer Interaction and Visualization
- Algorithm Design and Software Engineering
- Assurance (responsible use and risk assessment of applied technology, design thinking, ethical AI, and testing tools and strategies for quality and security)
- Writing and Briefing (both technical and accessible)
- Cyber Threat Intelligence Studies
- Cybersecurity Policy and International Internet Regulation
- Denial and Deception in Technology
- Quantum Technologies (computing, information, engineering, sensors, and algorithms including ML and AI applications as well as cryptography)
- Robotics and Embodied AI, Swarming Technologies
- Blockchain Applications and Distributed Systems Technologies
- Internet of Things and Edge Device Technologies
- 5G and Cutting-Edge Mobile Networking Technologies
- Biotechnologies (including biometrics and public health applications)
- Cutting-Edge Materials Science, Nanotechnologies, and Manufacturing technologies (including overlaps with AI, robotics, and aerospace engineering)

Pathway III: Science, Technology, Engineering, and Mathematics (STEM)

The IC is vitally interested in a talent pool with STEM experience.

STEM studies program courses may include:

- Biosciences
- Chemistry
- Cognitive Neural and Behavioral Sciences
- Computer and Computational Sciences (includes Algorithm Design, AI, Computational Modeling Techniques, Computational Statistics, Computer Visioning, and ML)
- Engineering (includes Aeronautical and Astronautical, Chemical, Civil, Electrical, Materials Science, Mechanical and Nuclear)
- Geosciences
- Mathematical Sciences
- Oceanography
- Physics
- Technology Areas associated with the preceding disciplines

Pathway IV: Integrated Approach, Intelligence/National Security and Critical Technology Studies or Intelligence/National Security and STEM

The IC CAE PO recognizes the value of all described pathways. The lead institution shall demonstrate the ability or intent to develop, modify, and/or integrate courses into an undergraduate or graduate certificate, major, or minor degree program in an integrated approach of Intelligence/National Security and Critical Technology Studies, or Intelligence/National Security and STEM.

Objective 2: Language of Interest Courses Available

The IC's foreign language analysts play a critical role in providing vital intelligence assessments to the President, National Security Council, cabinet-level officers, and military commanders around the world. The IC has a vested interest in building and retaining a highly skilled, agile, and diverse IC foreign language workforce that uses its language skills to deliver mission success. The IC recognizes and appreciates the diverse language programs that exist within IHEs and seeks institutions with the following language skills:

- Chinese (all dialects)
- Russian
- Arabic (all dialects)
- Persian (both Iranian and Afghan)
- Korean
- Spanish

The lead institution with the capability to provide studies in these languages and develop graduates with Interagency Level 3 skills in multiple modalities (listening, speaking, reading, and writing), either through its own institution or through consortium agreements, will be given increased merit and weight. (Interagency Level 3 refers to the Interagency Language Roundtable Scale; ref. ILR's website, govtilr.org.) Language programs outside of the priority languages, especially those programs that include Less Commonly Taught Languages (LCTLs), will be credited towards this criterion.

Objective 3: Mission of Ethnic, Cultural and Geographical Diversity

Ethnic, cultural and geographic diversity are a core tenet of this grant. The lead institution shall demonstrate its contribution to this objective, within its own institution and through the consortium. Additionally, for the lead institution and each consortium member, the lead institution shall provide the following information, broken out by school, to show how the consortium will contribute to the plan to increase the pool of ethnically, culturally, racially, and geographically diverse students:

- School category (PWI, HBCU, HSI, TCU, etc.)
- School ranking
- Size of student body
- Percentage of male and female students
- Percentage of Students of White, American Indian or Alaska Native, Asian American, Black or African American, Hispanic or Latino, Native Hawaiian or Other Pacific Islander, and two or more races. (As per OMB

Standards for the Classification of Federal Data on Race and Ethnicity, Revised
30 October 1997)

Objective 4: Consortium

The lead institution shall be an MSI or Underrepresented Institution -or- be part of a consortium model of subrecipients comprised of MSI/Underrepresented Institutions. The lead institution is not required to be an MSI or Underrepresented Institution. The lead institution whether an MSI/Underrepresented Institution or not, must be part of a consortium comprising a minimum of three entities (i.e., the lead institution and two subrecipients). The consortium partnership should promote the overall mission of the grant.

The lead institution shall be responsible for facilitating and managing all activities and accomplishments across the consortium. This section will describe the MSI or underrepresented schools, as defined in above sections, with which it intends to form a consortium. The description shall include a list of the IHEs, their minority or underrepresented population designation, and the specific ways the consortium will collaborate to achieve the diversity goals of the IC CAE Program.

Within six months of award, the lead institution shall provide copies of all contracts with subrecipients under the consortia model. Together, the lead institution and subrecipients, collectively, must include MSI or underrepresented schools (as defined herein) in a manner that promotes diversity. The lead institution shall also include all information for each subrecipient required by 2 CFR 200.332.

The lead institution shall demonstrate its commitment to the consortium by allocating a portion of its funds toward subrecipients and demonstrate how the consortium will cooperate and engage in curricula efforts, student participation, and faculty development.

Objective 5: Student Participation in Academic Programs and Professional Development Activities

The Principal Investigator (PI) and program staff shall work with faculty and staff across the lead institution's appropriate colleges and degree programs, as well as subrecipients, to promote the benefits of involvement in the IC CAE Program. All IC CAE students shall be involved in the program and aware of the numerous benefits it provides, to include the ability to work towards becoming an IC CAE Scholar, defined in Appendix B, Key References. There shall be workshops, seminars, and other activities related to the selected pathway that encourage student engagement, as well as support for off-campus activities related to the selected pathway such as conferences, seminars, workshops, or simulations.

The lead institution or through the consortium shall demonstrate the ability to provide a virtual option for these programs and professional development opportunities to increase participation across the consortium and across the IC CAE Program Schools collectively.

The lead institution or through the consortium shall demonstrate an ability to provide broadband access, where possible, for those students with limited access across the consortia.

Objective 6: Cultural Immersion, Study Abroad, and Regional Studies

The lead institution or through the consortium shall offer opportunities for cultural immersion, study abroad, regional studies, and/or language instruction to all IC CAE Scholars. Opportunities range from four to eight weeks to sufficiently qualify as an IC CAE-funded study abroad program. All foreign travel shall be in accordance with U.S. laws and regulations. The cultural immersion, regional studies, and/or language instruction requirement may be met in the form of student research over the course of a four-to-eight-week timespan. The lead institution able to provide these opportunities through subrecipients shall also be credited as meeting this criterion.

Objective 7: Faculty Research and Professional Development in Support of Teaching to Chosen Curriculum Pathway

The lead institution shall include a plan for faculty research and professional development across the consortium related to the selected curriculum pathway for its faculty, to include participation in classes, conferences, seminars, and similar activities. It shall support or enhance the faculty members' ability to develop and present relevant curriculum and enrichment opportunities. Any papers or deliverables resulting from faculty research or conference and professional development attendance shall be submitted to the IC CAE Program Office within two weeks of publication via a Government-hosted platform.

Objective 8: Host an Annual Colloquium or Speaker Series, in Collaboration with Subrecipients

The lead institution shall include a plan to hold an annual colloquium or speaker series on Intelligence, National Security, Critical Technology Studies, or STEM issues with subrecipients, inviting rural and underrepresented regional colleges and universities, Government speakers, and industry partners with the primary goals of maximizing relationships and outreach and IC CAE student enrichment. A colloquium should be at least one (1) day in length. A speaker series may include shorter presentations scheduled over weeks or months which meet the intent to bring together a wider audience and speakers on intelligence or national security, which will total at least a similar number of hours as that of a daylong colloquium. Opportunities for display of student papers and presentations must be included as part of the event(s).

Objective 9: Use of Grant Funds to Create Scholarships for IC CAE Scholars

The lead institution and subrecipients shall use up to, but not to exceed, \$50,000 U.S. dollars of grant funding annually to create scholarship opportunities to award to high performing IC CAE Scholars who are juniors, seniors, or graduate students. Scholarships should be awarded based on need and achievement within the IC CAE program. An individual scholarship using grant funds should not exceed \$5,000.00 dollars per person,

per semester. It is highly recommended this scholarship funding be shared with consortia member institutions where appropriate. This funding must be specifically used for IC CAE scholars who are actively enrolled and participating in IC CAE programs. Scholarships can help cover the cost of tuition, books, and fees. Scholarships should generally not be used for travel, however may be acceptable in achieving Objective 6: Cultural Immersion, Study Abroad, and Regional Studies.

Objective 10: Establish and Maintain IC CAE Program Management, Marketing, and Sustainment Action Plans

The lead institution and subrecipients should collectively have program management, marketing, and sustainment action plans. Each plan shall detail the efforts determined necessary to execute a successful program and ultimately sustain a portion of those efforts post-grant. The lead institution shall demonstrate how it will develop and execute these plans to include the following:

The Program Management Plan shall detail the responsibilities of the lead institution to attain the IC CAE program objectives. The Plan shall explain the roles and responsibilities of the program staff including the PI and other Key Personnel and how the program will capture:

- milestones and high-level timelines
- comparison of planned results to actual results
- accomplishments
- status of progress made
- upcoming activities
- best practices

The lead institution shall collect and deliver specific metrics on behalf of the subrecipients to the IC CAE PO bi-annually in alignment with delivery of the SF-298 Progress Report, to include metrics for all subrecipients. The IC CAE PO will provide a tool to respond with the requested information. Metrics to be collected by institutions, to include the lead institution and each subrecipient, shall include, but is not limited to, the following information:

- Number of students participating in the overall IC CAE Program, including metrics for gender identity, sexual orientation, ethnicity, race, etc.
- Number of IC CAE Scholars participating in the program, including metrics for gender identity, sexual orientation, ethnicity, race, etc. (according to the IC CAE Scholar definition in Appendix B – Key References)
- Number, duration, and type of immersive training experiences
- Number of IC Internships
- Number of IC Conditional Job Offers
- Number of Scholars Hired into the IC (including metrics for gender identity, ethnicity, race, etc.)

The Marketing Plan shall provide a comprehensive strategy to publicize and recruit a strong pool of qualified, diverse students from across the consortium. The definition of

diverse includes, but is not limited to, ethnicity, race, gender, disability, religion, socio-economic status, and geographic location. Special attention should be given to the recruitment of eligible students from MSIs, underrepresented institutions, and community colleges (as noted in Section IV - Eligibility Information).

The application shall describe how the IC CAE Program will publicize its presence on campuses using diverse media outlets, including print, online, and broadcast, to reach the widest possible audience of qualified students. The proposed marketing plan should include campus visits and presentations; conference participation (presentations and exhibits); and other in-person or online recruitment activities. The Government may request that the lead institution collaborate with other programs on some outreach activities, including but not limited to, conference participation, campus visits, and advisor workshops.

The marketing plan shall explain how the lead institution intends to generate students, faculty, and administration awareness of the IC CAE program and how students can become IC CAE Scholars. The plan shall also enumerate steps the lead institution will take to ensure appropriate IC CAE ‘labeling,’ to include proper use of the IC CAE brand as created by the IC CAE PO by using the IC CAE logo on all program promotional material. The lead institution’s IC CAE Program must be publicized robustly on the institution’s website and the site kept current with relevant information that will attract interest. The lead institution shall use a Government-provided platform to engage with IC stakeholders, the IC CAE PO, and other IC CAE School PIs.

The Sustainment Action Plan shall explain efforts taken during the grant period to build program sustainability during the sustainment option years and after the grant expires and the Government funding ceases. Once the grant period of performance ends, the lead institution or the subrecipient intending to enter into legacy status—either individually or together as a consortium—is referred to as a Legacy Institution if they continue to meet the specified criteria by executing their Sustainment Action Plan. A Legacy Institution is defined as any IC CAE Program that continues to meet the following criteria after it has completed its grant period of performance, with the strategic intent to create diverse, skilled, and knowledgeable scholars ready for hiring into the IC.

IC CAE Sustainment Option Years, and Post-Grant Designation Requirement: To maintain IC CAE School designation, receive funds during the optional sustainment years, all IC CAE Schools, lead institutions as well as subrecipients, shall meet requirements pertaining to sustaining, including:

- Institutional Diversity,
- Hosting an Annual Colloquium or Speaker Series,
- Faculty Development Activities,
- Curriculum Maintenance, and
- Metrics (as described under Objective 10, Program Management Plan)

The IC CAE PO will provide these requirements in the last year of the base period of the grant. The institution will then use the information to update their sustainment Program Management, Marketing, and Sustainment Plans.

The following top benefits may be extended to institutions who create and maintain a Sustainment Action Plan:

- Maintain designation as an IC CAE Program School post-grant;
- Continued IC association post-grant;
- Student participation in the IC CAE federally sponsored events to include the IC CAE Summer Seminar;
- University faculty and staff participation in the annual three-day PI Development Summit sponsored by the IC CAE PO;
- Access to the IC CAE PO internal website and ability to receive all communications sent by the IC CAE PO.

The essentials of creating a sustainability action plan includes strategic planning, partnership, and communication. To that end:

- Strategic planning is the glue that holds sustainability efforts together. Without a strategic direction and long-term goals, programs find themselves only reacting to day-to-day demands. Strategic planning leads to an outcome-oriented plan.
- Partnership is cultivating connections between your program and its stakeholders. Partners, to include continued partnership within the consortium, if feasible, play an important role in sustainability in several ways:
 - **Partners can be connectors to greater resources or expertise;**
 - **Partners can take over providing services if your program has to cut back;**
and
 - **Partners can advocate on behalf of your cause.**

Building awareness and capacity for sustainability requires a strategic approach and partnerships across sectors, including alliances between private and public organizations.

- **Communication counts.** Stakeholders need to know the intent of the program, why it is important, and related Return on Investment. Communicating externally about your program's effectiveness helps the program gain greater visibility and builds support from stakeholders. Internally, evidence that a program works builds support from faculty, staff, and institutional leaders. The more people know and care about your program and mission, the more likely they are to support your efforts in the long term. **Establishing and maintaining a robust, informative, and easy-to-locate website advertising your IC CAE Program is an important communication method in marketing your program.**

II. FEDERAL AWARD INFORMATION

- **Federal Awarding Agency Name** - Office of the Director of National Intelligence (ODNI)
Issuing Office – Intelligence Community Human Capital - Intelligence Community Centers for Academic Excellence (IC CAE) Program
- **Funding Opportunity Title** - FY22 Intelligence Community Centers for Academic Excellence (IC CAE) Program
- **Announcement Type** - Initial Announcement
- **Funding Opportunity Number** - ODNI-FOA-22-01
- **Assistance Listing Number** - 54.001
- **Key Dates**
 - **Posting date:** Friday, 8 April 2022
 - **Applications Due:** Tuesday, 24 May 2022, before 4:00 PM EST
 - **Estimated Award Date:** Monday, 1 August 2022
- **Anticipated individual awards** - Multiple awards anticipated
- **Type of Award:** Discretionary Grant
- **Fiscal Year Funds** - 2022
- **Approximate Total Funding** - \$7,500,000.00
- **Approximate Number of Awards** - 3
- **Anticipated Length of Awards** - One (1) year base, plus Eight (8) option years
- **Total Amount of Funding per Federal Award** - \$2,500,000.00
- **Anticipated Base Year Period of Performance** - 15 August 2022 thru 14 August 2023
- **Additional Information for Award(s)** - This announcement anticipates awarding three (3) discretionary grants with a one-year base, consisting of a twelve (12) month period of agreement, with an amount not to exceed \$400,000.00; four (4) option periods, each consisting of a twelve (12) month period of agreement, with an amount not to exceed \$400,000.00. Each grant will have four (4) additional option sustainment periods, consisting of four (4) twelve-month optional periods (referred to as “sustainment periods”), at a not to exceed amount of \$125,000.00 per option period.

The Government reserves the right to make zero, one, or multiple awards based on available funding and the outcome of application review.

- **Agency Points of Contact**

ATTN: ODNI-FOA-22-01
Office of the Director of National Intelligence
Intelligence Community Human Capital (IC HC)
Intelligence Community Centers for Academic Excellence (IC CAE)
Erskine Hall
Washington DC 20511
Electronic mail: dni-iarpa-foa-22-01@iarpa.gov

- **Type of Assistance Instrument:** Grants. A grant is a legal instrument that is consistent with 31 U.S.C. 6304 and is used to enter into a relationship in which:
 - The principal purpose is to transfer a thing of value to the recipient to carry out a public purpose of support or stimulation authorized by law of the United States instead of acquiring property or services for the direct benefit or use of the United States Government.
 - Substantial involvement is not expected between ODNI and the recipient when carrying out the activity contemplated by the grant.
 - No fee or profit is allowed.
 - Grants for IHEs are governed by the Uniform Guidance, Title 2 Code of Federal Regulation (CFR), Part 200.
- **Questions** - Submit questions on administrative or technical issues by email to dni-iarpa-foa-22-01@iarpa.gov. All questions must include the full name and affiliation of a point of contact. Question and answers will be posted on Grants.gov website. No answers will go directly to the submitter. The IC CAE PO will accept questions until 21 April 2022, 4:00 PM EST.

III. ELIGIBILITY INFORMATION

A. ELIGIBLE APPLICANTS

Applications are sought from IHEs for workforce development in Intelligence/National Security, Critical Technology Studies, and/or STEM-related curricula areas.

Current FY19 IC CAE grant receiving institutions are not eligible to apply as it would not address the IC CAE's mission of expanding the program.

The lead institution shall be an MSI or Underrepresented Institution -or- be part of a consortium model comprised of MSI/Underrepresented Institutions, referred to as "subrecipients." The lead institution is not required to be an MSI or Underrepresented Institution. The lead institution whether an MSI/Underrepresented Institution or not, must be part of a consortium comprising a minimum of three entities (i.e., the lead institution and two subrecipients). The consortium partnership should promote the overall mission of the grant.

The lead institution must be a regionally accredited college, university, or other four-year degree-granting institution in the U.S., its territories or possessions, that provides post-secondary courses of study. The Council for Higher Education Accreditation (CHEA) is the body responsible for regional accreditation; its website is www.chea.org.

1. **Minority Serving Institutions (MSIs), as defined by the Department of Education:** A minority institution that is consistent with Part E of the Higher Education Act, 20 U.S.C. 1067(k), is an IHE whose enrollment of a single minority or a combination of minorities exceeds 50% of the total enrollment. Under part F of the Higher Education Act, 20 U.S.C. 1067(q), the following institutions are eligible to receive funds under that section. Such institutions are encouraged to apply for IC CAE support as a public or private IHE.
 - a) Alaskan Native or Native Hawaiian-Serving Institutions (ANNHSIs)
 - b) Asian American and Native American Pacific Islander-Serving Institutions (AANAPISIs)
 - c) Historically Black Colleges or Universities (HBCUs)
 - d) Hispanic-Serving Institutions (HSIs)
 - e) Native American-Serving Nontribal Institutions (NASNIs)
 - f) Predominately Black Institutions (PBIs)
 - g) Tribal Colleges or Universities (TCUs)

2. Underrepresented Institutions as defined by the Department of Education: Consistent with Part E of the Higher Education Act, 20 U.S.C. 1067(k), an “institution underrepresented in science and engineering” means a minority group whose number of scientists and engineers per 10,000 population of that group is substantially below the comparable figure for scientists and engineers who are white and not of Hispanic origin.

An accredited **community college** can participate as a consortium member (subrecipient).

B. COST SHARING OR MATCHING

There is no required cost sharing, matching, or cost participation to be eligible under this FOA. This is consistent with 2 CFR 200.306, ‘Under Federal research proposals, voluntary committed cost sharing is not expected.’

C. OTHER ELIGIBILITY CRITERIA

1. Principal Investigator (PI): Name a PI for the lead institution. Under 2 CFR 200, the PI is required for the successful implementation of an award. To be eligible, the PI shall meet the following requirements:
 - a) Be a U.S. citizen;
 - b) Be an employee of the lead institution;
 - c) Be on the faculty of the lead institution.

2. Other Key Personnel: The lead institution program administrator or program assistant assigned to conduct program management duties and subrecipient PIs, must also meet the following requirements to be eligible:
 - a) Be a U.S. citizen;
 - b) Be an employee of the lead or consortium institution.
3. An Authorized Organizational Representative (AOR) in the lead institution's administrative, grants, or contracting office authorized to apply for Federal grants on the institution's behalf.
4. A signed letter in the application, on official letterhead, from the institution's President acknowledging the institution's commitment to supporting the IC CAE program defined in this FOA.
5. Submission of a timely application by the date specified which complies with the FOA instructions.

IV. APPLICATION & SUBMISSION INFORMATION

A. ADDRESS TO REQUEST APPLICATION PACKAGE

The FOA will be made available on [grants.gov](https://www.grants.gov).

B. CONTENT AND FORM OF APPLICATION SUBMISSION

1. **Completeness of Information:** Applications must include the information specified in this FOA. Be sure to specify the Commercial and Government Entity (CAGE) Code, the Data Universal Number System (D-U-N-S) Number or the Unique Entity Identifier (UEI) if this change has taken place in SAM.gov and the Taxpayer Identification Number (TIN) with your submission. Completion of the Representations and Certifications as well as registering with the System for Award Management (SAM) are prerequisites for submitting an application. Applicant is solely responsible for clearly marking any data that it considers to be proprietary information. **Note: Non-Government personnel under contract to the ODNI may be assisting Government personnel with administrative and logistical tasks related to the grant application review. All Non-Government personnel will be required to sign a NDA as part of their involvement with the subsequent FOA.**
2. **Submission Dates and Times:** To be considered and evaluated, the full application must be submitted and received by the Government, **via e-mail, by 4:00 PM EST, Tuesday, 24 May 2022.** It is the lead institution's responsibility to confirm applications are accepted prior to suspense date and time. ODNI will not accept applications after the time and date specified in this announcement. The IC CAE PO will use the process and criteria described in the Merit Evaluation (Section V – Application Review Information), to evaluate each application submitted under this FOA. Lead institutions are encouraged to plan application submissions well

before the FOA deadline to avoid missing an opportunity to submit an application. Monday, 15 August 2022 should be used for budget and application start date purposes.

3. **Application Preparation Instructions:** The application shall be clear, concise, and include sufficient detail for meaningful evaluation. Elaborate brochures or documentation, binding, detailed artwork, or other embellishments are unnecessary and **will not be reviewed**.

4. **Three (3) Distinct Volumes:**

A complete application shall be separated into three distinct volumes:

- **Volume I:** Application Intent (Not to exceed 40 pages)
 - Program Overview
 - Program Narrative
- **Volume II:** Curriculum Vitae of the Principal Investigator and Other Key Personnel (Shall be no more than two (2) pages per CV/resume)
- **Volume III:** Budget (No page limit)

Each volume will be a separate file with lead institution's name and volume number as the file name. At the lead institution's discretion, all three volumes can be compressed using a zip compression tool resulting in a single transport file. The single zipped file should be named [ODNI-22-FOA-01_YourSchoolname.zip]. It is not the Government's responsibility to ensure the files can be expanded and/or data content readability of the expanded files. In the event any file is unable to be expanded and/or read, the applicant's submission may be deemed unreadable, unacceptable, and disqualified for evaluation. No requests for alternate application submission will be allowed unless directed in advance of the due date by the Grants Officer (GO). **SAMPLE FILE NAMES:**

- **FILE ONE name is:**
 - "ODNI-22-FOA-01_VolI_YourSchoolname.docx";
 - **FILE TWO name is:**
 - "ODNI-22-FOA-01_VolII_YourSchoolname.docx";
 - **FILE THREE name is:**
 - "ODNI-22-FOA-01_VolIII_YourSchoolname.docx";
 - **ZIP FILE name is:**
 - "ODNI-22-FOA-01_YourSchoolnameMASTER.zip.
5. **Format for Attachments:** Documents should be typed, single-spaced on standard-sized paper (8.5" x 11") with 1" margins on all sides. Use a clear font that is highly readable. Recommend using 12-point Times New Roman font.
 - Allowable file formats are MS Word (.doc or .docx MS Word 2016 or earlier version), Adobe Acrobat (.pdf) searchable file with copy permission granted, and

MS Excel (.xls or .xlsx 2016 or earlier version). The single or zipped (.zip) file shall be less than 3.0 MB in size.

- Separate attachments, such as institutional brochures or reprints, will not be evaluated.
- Embedded links to external websites within any volume will not be activated or reviewed.
- Application information submitted shall be complete, concise, and self-contained within each respective volume.
- No submitted documents shall be locked or password protected.

The Government will retain copies of all electronic applications (which will be retained and disposed of under the records retention policy).

If a submitted application fails to meet requirements B.1 and B.2, above, it may not be further evaluated.

VOLUME I: PROGRAM INTENT

This volume is for non-budget focused application information detailing the approach and intent in addressing the Program Overview, Program Narrative, and Objectives 1 through 10 herein.

A complete application shall include a Program Overview section addressing the Eligibility Criteria and required components and a Program Narrative section addressing Objectives 1-10 and other elements listed below. The total page limitation for Volume I is not to exceed forty (40) pages. The total page count does not include a cover page (not required), Table of Contents (not required), Appendix D, the Eligibility Checklist & Acknowledgement, Appendix E, the Application Submission Checklist and the signed letter from the Institution's President (See Section III, Eligibility Information).

- 1. Program Overview.** Provide a Program Overview with the Following Required Components:

Eligibility Criteria: Complete and include the Eligibility Checklist & Acknowledgement provided in Appendix D, including the signed letter from the Institution's President.

Required Components:

- a) The FOA #: ODNI-FOA-22-01;
- b) An application title that includes 'IC Centers for Academic Excellence;'
- c) The legal name of the lead institution;
- d) The names of the PI, the lead institution program administrator or program assistant, and an appropriate AOR in the lead institution's administrative, grants, or contracting office, along with their contact information;
- e) CAGE Number;
- f) D-U-N-S Number (or the new UEI if SAM.gov has moved to its new identifier);
- g) academic/functional title;

- h) telephone number;
- i) fax number;
- j) postal mailing address and;
- k) e-mail address.
- l) Alternate contact information (name, title, phone, email) should also be included in the overview. If application clarifications are required during the receipt or evaluation, ODNI will contact the listed PI or AOR based on the information provided by the lead institution within the application.

2. Program Narrative

Provide a program narrative that details the lead institution's understanding of the IC mission, goals, and objectives, while complementing the IC CAE Program Focus Areas as described in Section I, Part A, when constructing its application. The Program Narrative should include:

- The lead institution's IC CAE Program mission statement.
- Synopsis of the lead institution's vision of its operation as an IC CAE Program school, using all ten objectives as detailed below.
- Introduction of subrecipient institutions, which will form the lead institution's consortium, including their roles and unique contributions specific to diversity and/or subject matter expertise.

VOLUME II: CURRICULUM VITAE/RESUME OF PI AND OTHER KEY PERSONNEL

The complete application shall include CVs for the lead institution PI, and proposed Other Key Personnel. If the lead or subrecipient institutions do not yet have employees in the Key Personnel positions, a detailed plan of the Key Person's duties, and a timeline for hiring and, if applicable, a letter of intent shall be included. Key Personnel are defined in 2 CFR 701.1 as those individuals identified for approval as part of substantial involvement in a grant agreement whose positions are essential to the successful implementation of an award. Key Personnel, for the lead institution and all subrecipients, must meet eligibility standards, as described in Section III, Other Eligibility Criteria.

Each CV/resume shall be no more than two (2) pages and shall demonstrate why the individual is qualified for the position.

The PI is designated as Key Personnel. Other Key Personnel include 1) an administrative or program assistant responsible for conducting lead institution program management duties in support of the lead institution PI and 2) subrecipient PIs.

VOLUME III: BUDGET

1. Program Budget and Cost

This volume shall be entitled VOLUME III – Budget and Costs, and represents the financial portion of the application. It shall contain budget as well as cost estimates in

sufficient detail, including budget/cost details for proposed sub-awards for consortium members in a narrative form. A sample budget format is provided in order to develop identifiable budget/cost elements and show proposed allocations to budget/cost specific group(s) that can be analyzed in order to determine reasonableness and allow for specific discussions and clarification as required. There is no page limit for Volume III. An overall summary page shall have the proposed base year budget amount and option year amounts with a total proposed budget amount using the following format:

SUMMARY BUDGET/COST TABLE

Budget/Cost Table for Base Year and each Option Year table shall be incorporated in Volume III on individual page and after the Summary Budget/Cost Table page.

BASE YEAR	\$400,000.00
OPTION YEAR 1	\$400,000.00
OPTION YEAR 2	\$400,000.00
OPTION YEAR 3	\$400,000.00
OPTION YEAR 4	\$400,000.00
OPTION SUSTAINMENT PERIOD YEAR 1	\$125,000.00
OPTION SUSTAINMENT PERIOD YEAR 2	\$125,000.00
OPTION SUSTAINMENT PERIOD YEAR 3	\$125,000.00
OPTION SUSTAINMENT PERIOD YEAR 4	\$125,000.00
TOTAL PROPOSED BUDGET	\$2,500,000.00 (Summary of Base and all Option Years)

In Volume III, the lead institution shall provide a written, detailed budget/cost narrative that supports budget/cost allocations represented in budget/cost tables. The narrative shall identify and describe budget/cost elements in relationship to specific paragraph/section application reference(s) in Volume I. It is the responsibility of the lead institution to describe in detail and with clarity the relationship between proposed Volume III budget/costs and proposed Volume I approach/intent. The amounts shall clearly demonstrate costs for any sub-awards and allocations of their budget cost elements.

Descriptions shall reflect a phased approach to implementing the program components detailed in Volume I, with each year’s efforts building on the previous year. Cost elements and descriptions shall reflect program growth over the five-year base period and four-year optional sustainment period, moving from development to sustainment. Planned activities and their associated costs shall demonstrate the program’s evolution, example such as:

- **PHASE ONE – BASE YEAR:** Development of IC CAE program components and trial implementation with student participation.
- **PHASE TWO – OPTION YEAR 1:** Start of each program component operations and student participation.
- **PHASE THREE – OPTION YEAR 2:** Continuation of each program component operations and improvements as well as student participation.

- **PHASE FOUR – OPTION YEAR 3:** Continuation of each program component operations and improvements, student participation, and development of a plan for the grant transition to sustainment.
- **FINAL PHASE – OPTION YEAR 4:** Program component operations and improvements, student participation, and implementation of the plan for grant transition to sustainment.
- **OPTION SUSTAINMENT PERIOD YEAR 1:** Program Sustainment
- **OPTION SUSTAINMENT PERIOD YEAR 2:** Program Sustainment
- **OPTION SUSTAINMENT PERIOD YEAR 3:** Program Sustainment
- **OPTION SUSTAINMENT PERIOD YEAR 4:** Program Sustainment

2. Budget and Cost Tables Templates

The lead institution is required to complete and incorporate in Volume III a summary representation of budget and costs in the format shown herein. The lead institution shall also provide in Volume III, on a separate page, detailed Budget/Cost Tables using the format as shown in the FOA Budget Template excel file. The lead institution will create the necessary additional worksheet tabs to represent each year of grant (10 tabs total to include a summary, base year, four option years and four option sustainment years).

The proposed annual budget for the base year and four option years shall not exceed the maximum award per year amount (no greater than \$400,000.00). The proposed annual budget for the four option sustainment periods shall not exceed the maximum award per year amount (no greater than \$125,000.00)

The budget application narrative shall include the total estimated cost of the program. This section shall include complete statements regarding the basis of estimates for all proposed costs. It is expected that costs, and therefore, narratives for each year will be unique and separate. Descriptions shall reflect movement from initial program development, through program operations, to program sustainment.

Cost elements shall include, but are not limited to, the following:

- a) **Personnel and Fringe Benefits.** The person(s) (i.e., the PI, other faculty and institutional staff, and graduate and undergraduate students) whose time will be charged to the program and commensurate salaries and fringe benefits.
- b) **Travel.** Costs and personnel time for travel and the relevance of the travel to stated program objectives. Individuals receiving IC CAE funding for travel must be U.S. citizens. Travel estimates shall include a breakdown of the number of travelers, location(s), duration(s), and estimated costs for transportation, rental cars, and per-diem. This shall include travel for the required attendance of a senior program representative and faculty of each lead institution and subrecipient at the annual IC CAE PI Summit. The location for annual event will be determined the year prior, to give IC CAE Schools advance notice for planning purposes.

- c) **Equipment.** Equipment costs shall be minimal and appropriate for the proposed effort and shall be properly justified. These costs shall be broken out by unit prices.
- d) **Other Direct Costs.** Materials and supplies, publication, documentation, and dissemination expenses; consultant services; computer services; communication costs not included in overhead; and other (identify). In addition, **provide backup data for the source of costs, i.e., receipts, quotes, historical data, etc.**
- e) **Sub-Awards.** Costs and types of sub-awards (the portion of work to be sub-awarded to subrecipients) and associated rationale for the sub-awards. Note that the sub-award of funds among all university and non-university performers responding as one consortium shall be described completely in both the text and cost sections.
- f) **Indirect Costs (IDC) / Facilities and Administrative (F&A) Costs.** Those costs incurred for a common or joint purpose benefitting more than one cost objective, and not readily assignable to the cost objectives specifically benefitted, without effort disproportionate to the results achieved. To facilitate equitable distribution of indirect expenses to the cost objectives served, it may be necessary to establish a number of pools of indirect (F&A) costs. Indirect (F&A) cost pools must be distributed to benefitted cost objectives on bases that will produce an equitable result in consideration of relative benefits derived. F&A costs are synonymous with “Indirect Costs” and shall be proposed in accordance with the university’s **most recent Negotiated Indirect Cost Rate Agreement.**

Copies of the most recent Government approved F&A Rate Certification (i.e., Health and Human Services) for the lead institutions and subrecipients shall be included within Volume III as an attachment.

C. UNIQUE ENTITY IDENTIFIER AND SYSTEM FOR AWARD MANAGEMENT (SAM)

Each lead institution (unless the applicant is excepted from these requirements under 2 CFR 25.110 (b) or (c), or has an exception approved by the Federal awarding agency under 2 CFR 25.110(d)) is required to include:

1. **Dun and Bradstreet Universal Numbering System (D-U-N-S Number)** D-U-N-S number is the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities or the revised UEI if SAM has made the transition from DUNS.
 - A D-U-N-S number may be obtained by going to the following site and refer to the process noted - <https://fedgov.dnb.com/webform/displayHomePage.do>
 - All lead institutions are required to have a D-U-N-S number. The D-U-N-S number will be used to verify status within the System for Award Management (SAM) registrations.
 - The same D-U-N-S number must be used for all registrations, as well as on the grant application.

2. System for Award (SAM) Registration: Before submitting an application, all lead institutions must complete and maintain an active SAM registration, which requires renewal at least annually. The renewal process may require as much time as the initial registration. SAM registration includes the assignment of a CAGE Code for domestic organizations that have not already been assigned a CAGE Code.

- Additional information about registration procedures may be found at the SAM website (<https://www.sam.gov>).
- **Continue to maintain an active SAM registration** with current information at all times during which the lead institution has an active Federal award or an application or plan under consideration by a Federal awarding agency.

D. SUBMISSION DEADLINES

1. Application Due Date: All submissions shall be received on or before 4:00 PM Eastern Standard Time, Tuesday 24 May 2022. The Government will not accept applications after the deadline. Applications shall be submitted to: dni-iarpa-foa-22-01@iarpa.gov.

2. Effect of Missing the Deadline: Late applications will neither be reviewed nor considered unless a determination has been made by the GO that failure to timely submit was caused by the Government (e.g., issue with Government systems).

3. Acknowledgement and Proof of Timely Submission: The lead institution should request a delivery receipt when submitting its application and save it as proof of timely submission.

E. INTERGOVERNMENTAL REVIEW

N/A

F. FUNDING RESTRICTIONS

1. The proposed budget shall be no greater than \$400,000 per year, per grant (for the base and each of the first four option years). Each option sustainment period shall have a proposed budget no greater than \$125,000 per year. The Government reserves the right to reduce, revise, or increase application budgets in accordance with the needs of the program and the availability of funds.
2. The grant will not provide reimbursement for pre-award costs.
3. The Government anticipates current funding to be provided for the base year. All option years and sustainment option period funding will be subject to the availability of funds.
4. **Costs of entertainment, amusement, diversion, and social activities and any costs directly associated with such activities are not allowed.** It is expected that the costs of travel, materials/equipment, and other direct costs (ODC) will be

necessary and reasonable for the benefit of the program and comply with the Cost Principles contained in the Uniform Guidance as directed under 2 CFR 200.404 – 408.

- 5. Meals. Charging meals to a federal grant is only allowable under certain circumstances. Meals for people in travel status associated with grant business are allowable. The cost of meals and refreshments during a conference, seminar or meeting with a formal agenda and participants from different locations may also be allowable.** All other meals must receive prior approval by the Federal awarding agency to ensure necessity and reasonableness for the benefit of the program related goal/aim. It is the PI's responsibility to ensure that all meals charged to a federal award are in compliance with federal policies. The institution's Office of Sponsored Programs should review meals submitted via check request, purchase order, interdepartmental invoice, travel report, etc. for compliance and should disallow any meals that do not appear to be reasonable and allowable. The daily rate for meals per person shall not exceed the published per diem rates for the Continental United States and Overseas Continental United States, unless prior approval is given by the IC CAE PO and IARPA GO. The published per diem rates are found at www.gsa.gov/perdiem.
- 6. For further information on allowable, allocable, and reasonable costs, see 2 CFR 200, and Subpart E Cost Principles.**

G. OTHER SUBMISSION REQUIREMENTS

Applications shall be submitted to: dni-iarpa-foa-22-01@iarpa.gov.

In the event of concerns or problems with submission, please contact: The program email inbox: dni-iarpa-foa-22-01@iarpa.gov, the GO, linda.rodrock@iarpa.gov, 301-243-1887, and the Contracts Team: dni-iarpa.contracts@iarpa.gov prior to application due date and time.

V. APPLICATION REVIEW INFORMATION

A. EVALUATION CRITERIA

The criteria for selection include: Eligibility, Technical Merit, and Program Balance. Eligibility is a pass/fail criterion. Technical Merit and Program Balance are of equal importance. Within the Technical Merit criterion are subcriteria. The importance of the subcriteria is set forth through a points system. The proposed budget of selected applicants will be reviewed for completeness and reasonableness. Cost sharing will not be considered in the evaluation. Risk will be assessed for the selected applicants to determine a satisfactory record of executing programs or activities under federal grants, cooperative agreements or procurement awards and integrity and business ethics.

1. **Eligibility:** Applications shall be reviewed in accordance with the standards set forth in Section III, Eligibility Information. Based on this assessment, the applicant will be determined Eligible (pass) or Not Eligible (fail). Applications found to be Not Eligible will not be further evaluated.
2. **Technical Merit:** Applications shall be evaluated on a merit basis against the sub-criteria listed below. These subcriteria correlate to the objectives for the Program as listed in Section I, Part A – Program Focus Areas. The relative importance of the sub-criteria is set forth in the Subcriteria and Merit Weight Points designated for each as set forth below. The Subcriteria are as follows:

Curriculum Development (Objective 1, merit weight points 10) – The applicant has selected a curriculum pathway I-IV and demonstrated the ability or intent to develop, modify, and/or integrate courses into an undergraduate or graduate certificate, major, or minor degree program to be called the IC Centers for Academic Excellence (IC CAE). The institution has explained how it plans to creatively expand, upgrade, enrich, or integrate course offerings to better prepare students for the future.

Language of Interest Courses Available (Objective 2 merit weight points 10) – The applicant has demonstrated the availability of language study in one or more of the following languages: **Chinese (all dialects), Russian, Arabic (all dialects), Persian (Iranian and Afghan), Korean, and Spanish**. Institutions outside of the priority languages, especially those programs that include **Less Commonly Taught Languages**, shall be credited towards this criterion.

Mission of Ethnic, Cultural and Geographical Diversity (Objective 3 merit weight points 15) – The applicant has demonstrated how the consortium will contribute to the plan to increase the pool of ethnic, cultural and geographically diverse students.

Consortium (Objective 4, merit weight points 15) – The applicant has demonstrated understanding and fulfillment of the IC CAE Program goal that requires lead institutions be part of a consortium to enhance collaboration with MSIs or underrepresented institutions in a manner that promotes diversity.

Student Participation in Academic Programs and Professional Development Activities (Objective 5 merit weight points 10) – The applicant’s application details a plan for facilitating student participation in on- and off-campus academic programs and professional development activities with its consortium and across the IC CAE Program Schools collectively.

: Cultural Immersion, Study Abroad, and Regional Studies (Objective 6 merit weight points 10) – The applicant has proposed student study abroad, cultural immersion, and/or regional studies opportunities ranging from four to eight weeks.

Faculty Research and Professional Development in Support of Teaching to Chosen Curriculum Pathway (Objective 7, merit weight points 10)– The applicant has proposed a specific, knowledge-based plan to support and fund faculty research and professional development for enhancing curriculum in the selected pathway.

Host an Annual Colloquium or Speaker Series, in Collaboration with Subrecipients (Objective 8, merit weight points 10) – The applicant has proposed an annual colloquium or speaker series that reaches a number of hours equal to that of a full-day colloquium, in collaboration with its consortium as well as rural and/or regional MSIs, local and federal Government entities, and private industry partners on intelligence and national security topics.

Use of Grant Funds to Create Scholarships for IC CAE Scholars (Objective 9, merit weight points 10)– The applicant has proposed the use of grant funds to create scholarships for IC CAE Scholars who are juniors, seniors, and graduate students.

Establish and Maintain IC CAE Program Management, Marketing, and Sustainment Action Plans (Objective 10, merit weight points 10) – The applicant shows intent to develop specific program management, marketing, and sustainment action plans.

Merit Evaluation Table

The evaluation of the above sub-criteria will be converted to numeric scores, per the table below.

- The numeric score is arrived at by multiplying the subcriteria merit weight point in the **Subcriteria & Merit Weight Points** column by the ‘Evaluation Rating’ choice of either Excellent (5), Good (4), Fair (3) or Poor (2). The top application merit score possible is 550 points. Submissions receiving under 330 merit points will not be considered for funding.

Subcriteria & Merit Weight Points (<i>Constant</i>)	Evaluation Rating (<i>Variable</i>)			
	Excellent (5)	Good (4)	Fair (3)	Poor (2)

<p>Objective 1: Curriculum development. (Merit weight: 10 points)</p>	<p>Application strongly and clearly describes an undergraduate or graduate certificate, major, or minor degree program or a combination of the above containing at least five core courses within a selected pathway. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance</p>	<p>Application addresses inclusion of an undergraduate or graduate certificate, major, or minor degree program containing at least five core courses within a selected pathway. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance</p>	<p>Application does not include an undergraduate or graduate major, or minor degree program. It may include a certificate program containing at least five core courses within a selected pathway. Application has weaknesses that may be significant to performance</p>	<p>Application includes fewer than five core courses addressing a selected pathway. Application has weaknesses that are significant to performance</p>
<p>SCORE:</p>	<p>50</p>	<p>40</p>	<p>30</p>	<p>20</p>
<p>Objective 2: Languages of interest courses available. (Merit weight: 10 points)</p>	<p>Application offers courses in four or more top priority or LTCLs through the advanced level at the lead institution or subrecipients campus. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance</p>	<p>Application offers courses in three top priority or LCTLs through the intermediate level at the lead institution or subrecipients campus. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance</p>	<p>Application offers one top priority or LCTLs through the intermediate level at the lead institution or subrecipients campus. Application has weaknesses that may be significant to performance</p>	<p>Application reflects commonly taught languages provided on campus. Application has weaknesses that are significant to performance</p>
<p>SCORE:</p>	<p>50</p>	<p>40</p>	<p>30</p>	<p>20</p>
<p>Objective 3: Mission of ethnic, cultural and geographical diversity. (Merit weight: 15 points)</p>	<p>Has a greater than 75% ethnic, cultural or geographical diverse student population across the lead institution and subrecipients. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance</p>	<p>Has a greater than 50% ethnic, cultural or geographical diverse student population across the lead institution and subrecipients. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance</p>	<p>Has between 25% and less than 50% ethnic, cultural or geographical diverse student population across the lead institution and subrecipients. Application has weaknesses that may be significant to performance</p>	<p>Has less than 25% diverse ethnic, cultural or geographical diverse student population across the lead institution and subrecipients. Application has weaknesses that are significant to performance</p>
<p>SCORE:</p>	<p>75</p>	<p>60</p>	<p>45</p>	<p>30</p>

Objective 4: Consortium. (Merit weight: 15 points)	Application strongly and clearly describes a plan to form a consortium consisting of three (3) or more MSIs or underrepresented institutions. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	Plan to form a consortium consisting of two (2) MSIs or underrepresented institutions. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	Plan to form a consortium consisting of one (1) MSI or underrepresented institution. Application has few strengths and has weaknesses that may be significant to performance	Plan to form a consortium consisting of zero (0) MSIs or underrepresented institutions. Application has few if any strengths and has weaknesses that are significant to performance
SCORE:	75	60	45	30
Objective 5: Student participation in academic programs and professional development activities in cooperation with subrecipients. (Merit weight: 10 points)	Application strongly and clearly describes a plan to hold quarterly or more frequent developmental events related to the selected pathway and send students to multiple conferences. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	Application describes a plan to hold semi-annual developmental events related to the selected pathway and send students to a conference. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	Application describes a plan to hold semi-annual development events. Application has few strengths and has weaknesses that may be significant to performance	Application describes a plan to hold an annual developmental event only. Application has few if any strengths and has weaknesses that are significant to performance
SCORE:	50	40	30	20
Objective 6: Cultural immersion, study abroad and regional studies. (Merit weight: 10 points)	Application strongly and clearly addresses inclusion of 4-8 weeks' study abroad opportunities. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	Application describes a plan to provide students with 4 weeks' study abroad opportunities. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	Application describes a plan to provide students with 3 weeks' study abroad opportunities. Application has weaknesses that may be significant to performance	Application describes a plan to provide students with 2 weeks' study abroad opportunities. Application has weaknesses that are significant to performance
SCORE:	50	40	30	20
Objective 7: Faculty research and professional development in support of chosen curriculum pathway.	Application strongly and clearly describes a specific plan to support and fund faculty research and professional development, including conference attendance,	Application describes a general plan to support and fund faculty research and professional development,	Application includes a general statement of support for faculty development. Application has weaknesses that may	Application does not plan or budget for faculty research or professional development. Application has weaknesses that are

(Merit weight: 10 points)	workshop and seminar attendance, or other methods. Application has noted strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	including conference attendance, workshop and seminar attendance, or other methods. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	be significant to performance	significant to performance
SCORE:	50	40	30	20
Objective 8: Host an annual colloquium or speaker series in collaboration with subrecipients. (Merit weight: 10 points)	Application strongly and clearly describes a plan to hold an annual colloquium or a speaker series with a robust range of rural and/or regional MSIs, local/federal Government entities, and private industry partners. Application has notable strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	Application describes a plan to hold an annual colloquium or a speaker series with rural and/or regional MSIs, local Government entities, and private industry partners. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	Application includes a general statement to hold an annual colloquium or a speaker series with rural and/or regional MSIs and private industry partners. Application has weaknesses that may be significant to performance	Application includes a plan to hold an annual colloquium or 1-2 speaker events; no details on partners given. Application has weaknesses that are significant to performance
SCORE:	50	40	30	20
Objective 9: Use of grant funds to create scholarships for IC CAE Scholars who are juniors, seniors and graduate students. (Merit weight: 10 points)	Application strongly and clearly describes a specific plan to use funds to create scholarship opportunities. Application has noted strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered significant to successful performance	Application includes some specifics on the use of funds to create scholarships. Application has some strengths and few weaknesses. Weaknesses that do exist are not considered significant to successful performance	Application includes general information on the use of funds to create scholarships. Application has weaknesses that may be significant to performance	Application refers to the use of funds for the creation of scholarships. Application has weaknesses that are significant to performance
SCORE:	50	40	30	20
Objective 10: Establish and maintain a program management, marketing, and sustainment action plan. (Merit weight: 10 points)	Application strongly and clearly describes the program management, marketing, and sustainment plans. Application has noted strengths and no weaknesses or only minor weaknesses. Weaknesses are not considered	Application includes some specifics on program management, marketing and sustainment plans. Application has some strengths and few weaknesses. Weaknesses that do exist are not	Application contains general information on program management, marketing and sustainment plans. Application has weaknesses that may be significant to performance	Application refers to the program management, marketing and sustainment plans. Application has weaknesses that are significant to performance

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	significant to successful performance	considered significant to successful performance		
SCORE:	50	40	30	20
TOTAL POINTS:	550	440	330	220

3. **Program Balance:** The Government will consider the IC CAE's overall mission and program objectives, which may include but are not limited to the following: broadening the geographical locations of the IC CAE Program Schools and considering the number and types of MSIs and Underrepresented Institutions within the IC CAE Program.
4. **Budget:** The Government will review the proposed budget of selected applicants to determine if anticipated costs of the lead institution and subrecipients are reasonable and reflect an accurate understanding of the FOA requirements.
5. **Applicant Risk Assessment:** The Government will assess risk of the selected applicants through evaluation of information about the applicant that is in the designated integrity and performance system accessible through SAM.gov, or through any OMB designated government-wide repositories for eligibility qualification or financial integrity information system as appropriate. In evaluating risks the Government may consider the following: financial stability, quality of management systems, history of performance, security, reports and findings from audits, ability to implement statutory, regulatory or other requirements imposed on non-federal entities.

B. REVIEW AND SELECTION PROCESS

1. Applicant Inquiries and Submission Process

- a. **Grants.gov Registration:** The ODNI will use Grants.gov to post the FOA along with updates and amendments. Grants.gov requires all users to create an account in the Grants.gov system. The user must verify they are able to obtain a username and password. This process confirms the identity of the lead institution. Before you can create your Grants.gov organization lead institution username and password, your SAM registration must be complete and active.
- b. **Inquiries from the Applicant:** Submit questions on administrative or technical issues by email to dni-iarpa-foa-22-01@iarpa.gov. All questions must include the full name and affiliation of a point of contact. Question and answers will be posted on Grants.gov website. No answers will go directly to the submitter. The IC CAE PO will accept questions until 21 April 2022.
- c. **Submission Process:** Lead institutions shall provide their submission via email to ODNI at the following email address dni-iarpa-foa-22-01@iarpa.gov. Applicant is responsible for clearly marking any data that it considers proprietary information. An automated response will be generated and sent to confirm receipt. Applications can be submitted as one or multiple files, but if multiple files are submitted, they shall be combined into one compressed folder (.zip) and submitted as one .zip file. If an applicant fails to follow this requirement and submits multiple files individually (i.e., not zipped) for an application, the Government may elect to not review all the individual files in the interest of efficiency while downloading and reviewing responses.

- d. Failure to follow the submission instructions shall result in the applicant's application being determined as non-responsive and disqualified for evaluation. Applicants are strongly encouraged to submit applications well before the submission deadline as applications submitted the day of the deadline may be deemed late applications and not accepted if they cannot be tallied and time stamped as submitted due to applicant e-mail or Government technical problems.
- e. **Program Updates:** It is the applicant's responsibility to check Grants.gov for updates, revisions, and responses to questions and comments from other applicants which may include additional guidance regarding this program. All amendments and announcements referencing this grant (to include Questions and Answers) will be posted only on www.grants.gov.

2. Evaluation and Selection

Applications shall be reviewed by the GO with assistance from the IC CAE PO as necessary to determine whether the applicant is eligible in accordance with the standards set forth in Section III, Eligibility Information. Based on this assessment, the applicant will be determined Eligible (pass) or Not Eligible (fail). Applications found to be Not Eligible will not be further evaluated. Those determined Eligible, will move on to the merit evaluation.

A Merit Review Panel (MRP) will be formed to conduct the merit review of applications. The MRP will be comprised of academic experts to include the National Intelligence University (NIU), student program managers, talent acquisition leads, and diversity equity and inclusion representatives, from across the IC, as determined by the ODNI.

The MRP will review and evaluate Volume I, Program Intent and Volume II, Curriculum Vitae/Resume of PI and Other Key Personnel using the merit evaluation subcriteria. The MRP Chairperson will not conduct their own individual technical review of applications, but will oversee the process and consolidate the findings of the MRP reviewers including the final merit numerical scores for each application. The MRP Chairperson will submit a memorandum to the Selection Official (SO) and GO, which will convey the MRP's rank order list of numerical scores.

The SO will review and consider the findings of the MRP as presented in the memorandum including the final merit review numerical scores for each application and Program Balance and select applications for award consideration.

After selection and before award, the GO, with assistance from other Government & Non-Government personnel as needed, will review the proposed budget to determine that proposed anticipated costs of the lead institution and subrecipients are reasonable and reflect an accurate understanding of the FOA requirements. If budget adjustments are necessary, changes will be requested prior to grant award.

3. Applicant Risk Assessment:

Before award, the GO, with assistance from other Government personnel as needed, will review and consider any information about the applicant that is in the designated integrity and performance system accessible through www.SAM.gov. In evaluating risks the Government may consider the following: financial stability, quality of management systems, history of performance, security, reports and findings from audits, ability to implement statutory, regulatory or other requirements imposed on non-federal entities.

The applicant, at its option, may review information in the designated integrity and performance system accessible through SAM and comment on any information about itself that a Federal awarding agency previously entered and is currently in the designated integrity and performance system accessible through SAM;

The Government will consider any comments by the applicant, in addition to the other information in the designated integrity and performance system, in making a judgment about the applicant’s integrity, business ethics, and record of performance under Federal awards when completing the review of risk posed by applicants as described in 200.205.

At a minimum, the information in the system for a prior federal award recipient must demonstrate a satisfactory record of executing programs or activities under federal grants, cooperative agreements or procurement awards and integrity and business ethics. Award may be made to an entity who does not fully meet these standards, if it is determined that the information is not relevant to this FOA.

Award will be made to the applicant(s) selected by the SO that have reasonable budgets reflecting an accurate understanding of the FOA requirements and which meet the minimum risk standard and pending availability of funds.

C. ANTICIPATED ANNOUNCEMENT AND FEDERAL AWARD DATES

The following table provides the key dates that apply to this announcement. The Estimated Award Date given here shall be used for planning and budgeting purposes. All applications shall be valid for 365 days to allow time for the evaluation, selection, and award process.

Action	Due Date
Applications Due	24 May 2022
Estimated Award Date	1 August 2022

VII. FEDERAL AWARD ADMINISTRATION INFORMATION

A. ADMINISTRATIVE AND NATIONAL POLICY REQUIREMENTS

- Disclosure of Lobbying Activities (SF-LLL) (OMB 4040-0013).
- Assurances for Non-Construction Programs (SF-424B) (OMB 4040-0007).

These certifications are found on www.grants.gov under the “FORMS” tab and then under “R&R Family” listing.

B. REPORTING

Mandatory performance progress and financial reports shall be required under this program in accordance with the award document. All reporting requirements, templates, and instructions for report preparation will be included in the award document. The reports shall be prepared and submitted in accordance with the procedures contained in the bilaterally signed award document.

All reporting requirements in this section shall also apply to subrecipients as per 2 CFR 200.331(a) and 200.332. The lead institution shall ensure subrecipients transmit the information detailed in this section to the lead institution, and the lead institution shall include that information in its report submitted to the IC CAE PO and IARPA GO

Copies of reports and all referenced documents shall be submitted in soft copy to the Grants Officer Technical Representative of the IC CAE PO and the IARPA GO.

All submitted reports will be used by the IC CAE PO as a part of an annual grant monitoring process in reviewing the lead institution and subrecipient performance.

1. Interim Performance Progress Reporting

The lead institution shall submit bi-annual reports comparing actual program accomplishments compared with goals and objectives; reasons why goals and objectives were unmet, when appropriate; cumulative metrics on the number of program participants, internships, and student IC employment through the Government-provided tool; lessons learned and best practices that might be shared with other Schools; upcoming activities and milestones; and necessary adjustments (if any), in accordance with the application. Recipients shall report deviations from budget or program scope or objectives as they arise and request prior approvals from IARPA and the IC CAE PO for budget and program plan revisions. (ref. 2 CFR 200.328 - 200.329)

A completed *Standard Form 298 (SF-298) Report Documentation Page* shall be used as a cover sheet for interim performance progress reporting along with the performance progress report template provided by the IC CAE PO. The IC CAE PO requires SF-298 reporting twice a year: one report covering the summer and fall academic terms, referred to as Block 1, submitted to the IC CAE PO no later than 45 days after the close of the fall semester; and one report covering the winter and spring terms, referred to as Block 2, combined with the annual performance report, submitted to the IC CAE PO no later than 45 days following the end of the period of performance.

- **Block 1: Summer and Fall Academic Terms (June 1st - December 31st)**

- **Block 2: Winter and Spring Academic Terms (January 1st – May 31st)**

If the academic terms are not in full alignment with Block 1 and Block 2, performance reporting should still align to the dates provided.

2. Interim Financial Reporting

Financial reports shall be submitted to the IARPA GO and IC CAE PO quarterly, no later than 30 days after the end of the fiscal quarter, as per the OMB requirements. The *Standard Form 425 Federal Financial Report (SF-425)* shall be used for general financial reporting.

In addition to general financial reporting, invoicing for reimbursement of allowable expended funds shall occur no less than quarterly. Invoices should:

- Mirror approved budget lines from applications;
- Be certified by the lead institution's fiscal personnel as true and accurate;
- Include the *SF-270 Request for Advance or Reimbursement* form; and,
- Include sufficient detail (receipts, expense reports, vouchers) to allow the Government to verify and validate the expense to approved grant expenditures.

The invoices shall be submitted in accordance with IA52.232-700 Billing Cycle (JUL 20130 and IA52.232-701 Electronic Submission of Payment Requests using Invoicing Processing Platform (IPP) (JUN 2017). Each clause will be referenced in the Grants award.

Required Certifications: To assure expenditures are proper and in accordance with the terms and conditions of the Federal award and approved program budgets, **the annual and final fiscal reports or vouchers requesting payment under the agreements shall include a certification**, signed by a lead institution official authorized to legally bind the non-Federal entity, and reading as follows: *"By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise."* (18 U.S.C. 1001, 31 U.S.C. 3729-3730 and 3801-3812).

3. Annual Grant Review

Grant monitoring applies to the post-award administrative phase of the grant lifecycle and provides guidance for maintaining compliance with 2 CFR 200 pertaining to monitoring site visits during the administration of federal grants. (2 CFR Part 200, Cost Principles and Audit Requirements for Federal Awards)

The IC CAE PO uses the submitted SF-298s, Performance Progress Reports and SF-425s to evaluate the lead institution and subrecipient performance. Once a year, or as needed and as resources allow, formal grant monitoring site visits will be scheduled. Formal site visits are conducted to allow for a comprehensive review of the recipient and how the program is being managed, and to determine whether subsequent option years will be executed. It includes, but is not limited to, financial review, personnel review, program management review, and property review. This type of site visit requires planning, time, and resources.

A grant monitoring site visit check list, provided by the IC CAE PO, will be used as a tool in documenting findings during a formal site visit on an annual basis to assist in determining whether future option years will be executed.

4. Final Reports

- a. **Performance Report:** The lead institution shall submit to the IC CAE PO a comprehensive final program performance report, with a cumulative SF-298 Report Documentation Page as a cover sheet, no later than 120 days after the conclusion of the period of performance (the end of the active grant period). The report shall address the accomplishments for the entire grant period; provide a listing of all key activities, accomplishments, publications, presentations, workshops, and other program related activities; and work products arising from the program. The report shall also include cumulative reports for all subrecipients. The report shall also address updated program, marketing, and sustainment plans intended to carry the program into the legacy sustainment period.
- b. **SF-425, Federal Financial Report (FFR):** The SF-425 shall be completed in its entirety. The SF-425 requires cumulative reporting of obligations and expenditures. Cumulative reporting shall provide a sum of obligations and expenditures for the life of the grant.
- c. **Required Certifications:** To assure expenditures are proper and in accordance with the terms and conditions of the Federal award and approved program budgets, **the annual and final fiscal reports or vouchers requesting payment under the agreements shall include a certification**, signed by a lead institution official authorized to legally bind the non-Federal entity, and reading as follows: *"By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise."* (18 U.S.C. 1001, 31 U.S.C. 3729-3730 and 3801-3812).

- d. **Final Invoice:** A final invoice for the grant period shall be submitted no later than 90 days after the conclusion of the period of performance unless extenuating circumstances occur. If extenuating circumstances occur, the recipient shall immediately notify the IC CAE PO and the IARPA GO of the circumstance and the anticipated final invoice submission date.

C. REPORTING SUB-AWARD AND EXECUTIVE COMPENSATION

- **Reporting of sub-awards:** The *Federal Funding Accountability and Transparency Act of 2006 (Transparency Act)*, includes a requirement for awardees of U.S. grants to report information about first-tier sub-awards and executive compensation under Federal assistance awards issued in FY2011 or later. All awardees of applicable ODNI IC CAE grants are required to report to the Federal Sub-Award Reporting System (FSRS) on all sub-awards over \$30,000. (2 CFR 200.331(a), 2 CFR 200.332)
- **Where and when to report:** The recipient shall report each obligating action to the Federal Funding Accountability and Transparency Act Sub-award System (FSRS) <http://www.fsr.gov>. Sub-award information shall be reported no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2014, the obligation shall be reported no later than December 31, 2014.)
- **What to report:** The recipient shall report the information about each obligating action in accordance with the submission instructions posted at <http://www.fsr.gov>.
 - Sub-awards, and
 - The total compensation of the five most highly compensated executives of any subrecipient.

D. FEDERAL AWARD NOTICE

It is the responsibility of lead institutions and all interested parties to stay apprised of amendments pertaining to this FOA, including revision information, posting of questions and answers, and notifications via www.Grants.gov.

After completion of the technical merit evaluation and application selection, a notification letter for award will be sent to the PI and AOR, via e-mail. Selected lead institutions will receive a notification letter of congratulations and Government Intent to enter Volume III discussions. Non-selected Lead institutions will receive a notification letter with instructions on how to request a debriefing.

Upon completion of Volume III discussions, when agreement is reached with the lead institution, the Government will issue an intent to award letter followed by the Grant document.

The notification letter is not an authorization to begin performance. Performance will begin in accordance with the bilaterally signed grant which is submitted to the AOR and PI. The grant award execution date and effective start date may be different.

The Government is not obligated to provide any funding until the grant award document is bilaterally signed by the Government GO and the institution's authorized signer.

E. INTELLECTUAL PROPERTY, PATENTS AND ROYALTIES

Standard Patent Rights Clause

The following Patent Rights clause will be used in funding agreements awarded by ODNI that relates to scientific or engineering research unless a special patent clause has been negotiated. When the clause is used in a funding agreement other than a grant, "grant" and "grantee" may be replaced by "cooperative agreement" and "awardee" or other appropriate terms.

- a. Definitions.
 1. INVENTION means any invention or discovery which is or may be patentable or otherwise protectable under Title 35 of the USC, to any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 USC §§2321 et seq.).
 2. SUBJECT INVENTION means any invention of the grantee conceived or first actually reduced to practice in the performance of work under this grant, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d)) must also occur during the period of grant performance.
 3. PRACTICAL APPLICATION means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are to the extent permitted by law or Government regulations available to the public on reasonable terms.
 4. MADE when used in relation to any invention means the conception or first actual reduction to practice of such invention.
 5. NON-PROFIT ORGANIZATION means a domestic university or other institution of higher education or an organization of the type described in Section 501(c)(3) of the Internal Revenue Code of 1954 (26 USC §501(c)) and exempt from taxation under Section 501(a) of the Internal Revenue Code (26 USC §501(a)) or any domestic non-profit scientific or educational organization qualified under a State non-profit organization statute.
- b. Allocation of Principal Rights. The grantee may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this Patent Rights clause and 35 USC §203. With respect to any subject invention in which the grantee retains title, the Federal Government shall have a non-exclusive, nontransferable,

irrevocable, paid-up license to practice or have practiced for or on behalf of the U.S. the subject invention through-out the world.

- c. Invention Disclosure, Election of Title and Filing of Patent Applications by Grantee.
 1. The grantee will disclose each subject invention to ODNI within two months after the inventor discloses it in writing to grantee personnel responsible for the administration of patent matters. The disclosure to ODNI shall be in the form of a written report and shall identify the grant under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding of the nature, purpose, operation, and, to the extent known, the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to ODNI, the grantee will promptly notify ODNI of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the grantee.
 2. The grantee will elect in writing whether or not to retain title to any such invention by notifying ODNI within two years of disclosure to ODNI. However, in any case where publication, on sale, or public use has initiated the one-year statutory period wherein valid patent protection can still be obtained in the U.S., the period for election of title may be shortened by ODNI to a date that is no more than 60 days prior to the end of the statutory period.
 3. The grantee will file its initial patent application on an invention to which it elects to retain title within one year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the U.S. after a publication, on sale, or public use. The grantee will file patent applications in additional countries or international patent offices within either ten months of the corresponding initial patent application, or six months from the date when permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications when such filing has been prohibited by a Secrecy Order.
 4. Requests for extension of the time for disclosure to ODNI, election, and filing under subparagraphs 1., 2., and 3. may, at the discretion of ODNI, be granted.
- d. Conditions When the Government May Obtain Title. The grantee will convey to ODNI, upon written request, title to any subject invention:
 1. if the grantee fails to disclose or elect the subject invention within the times specified in paragraph c. above, or elects not to retain title; provided that ODNI may only request title within 60 days after learning of the failure of the grantee to disclose or elect within the specified times;
 2. in those countries in which the grantee fails to file patent applications within the times specified in paragraph c. above, but prior to its receipt of the written request of ODNI, the grantee shall continue to retain title in that country; or

3. in any country in which the grantee decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in a reexamination or opposition proceeding on, a patent on a subject invention.
- e. Minimum Rights to Grantee.
1. The grantee will retain a non-exclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the grantee fails to disclose the subject invention within the times specified in paragraph c. above. The grantee's license extends to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the grantee is a party and includes the right to grant sublicenses of the same scope to the extent the grantee was legally obligated to do so at the time the grant was awarded. The license is transferable only with the approval of ODNI except when transferred to the successor of that part of the grantee's business to which the invention pertains.
 2. The grantee's domestic license may be revoked or modified by ODNI to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR §404. This license will not be revoked in that field of use or the geographical areas in which the grantee has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at discretion of ODNI to the extent the grantee, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.
 3. Before revocation or modification of the license, ODNI will furnish the grantee a written notice of its intention to revoke or modify the license, and the grantee will be allowed thirty days (or such other time as may be authorized by ODNI for good cause shown by the grantee) after the notice to show cause why the license should not be revoked or modified. The grantee has the right to appeal, in accordance with applicable regulations in 37 CFR §404 concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of its license.
- f. Grantee Action to Protect Government's Interest.
1. The grantee agrees to execute or to have executed and promptly deliver to ODNI all instruments necessary to: (i) establish or confirm the rights the Government has throughout the world in those subject inventions for which the grantee retains title; and (ii) convey title to ODNI when requested under paragraph d. above, and to enable the Government to obtain patent protection throughout the world in that subject invention.
 2. The grantee agrees to require, by written agreement, its employees, other than clerical and non-technical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the grantee each subject invention made under this grant in order that the grantee can comply with the disclosure provisions of paragraph c. above,

and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. The disclosure format should require, as a minimum, the information requested by paragraph c.1. above. The grantee shall instruct such employees through the employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

3. The grantee will notify ODNI of any decision not to continue prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.
 4. The grantee agrees to include, within the specification of any U.S. patent application and any patent issuing thereon covering a subject invention, the following statement: "This invention was made with Government support under (identify the grant) awarded by the Office of the Director of National Intelligence. The Government has certain rights in this invention."
 5. The grantee or its representative will complete, execute and forward to ODNI a confirmation of a License to the U.S. Government and the page of a United States patent application that contains the Federal support clause within two months of filing any domestic or foreign patent application.
- g. Subcontracts.
1. The grantee will include this Patent Rights clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental or research work. The subcontractor will retain all rights provided for the grantee in this Patent Rights clause, and the grantee will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractors' subject inventions.
 2. In the case of subcontracts, at any tier, when the prime award by ODNI was a contract (but not a grant or cooperative agreement), ODNI, subcontractor, and contractor agree that the mutual obligations of the parties created by this Patent Rights clause constitute a contract between the subcontractor and the ODNI with respect to those matters covered by this Patent Rights clause.
- h. Reporting on Utilization of Subject Inventions. The grantee agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the grantee or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the grantee and such other data and information as ODNI may reasonably specify. The grantee also agrees to provide additional reports in connection with any march-in proceeding undertaken by ODNI in accordance with paragraph j. of this Patent Rights clause. As required by 35 USC §202(c)(5), ODNI agrees it will not disclose such information to persons outside the Government without the permission of the grantee.

- i. Preference for United States Industry. Notwithstanding any other provision of this Patent Rights clause, the grantee agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the U.S. unless such person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the U.S. However, in individual cases, the requirement for such an agreement may be waived by ODNI upon a showing by the grantee or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the U.S. or that under the circumstances domestic manufacture is not commercially feasible.
- j. March-in Rights. The grantee agrees that with respect to any subject invention in which it has acquired title, ODNI has the right in accordance with procedures at 37 CFR §401.6 to require the grantee, an assignee or exclusive licensee of a subject invention to grant a non-exclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances and if the grantee, assignee, or exclusive licensee refuses such a request, ODNI has the right to grant such a license itself if ODNI determines that:
 1. such action is necessary because the grantee or assignee has not taken or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;
 2. such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the grantee, assignee, or their licensees;
 3. such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the grantee, assignee, or licensee; or
 4. such action is necessary because the agreement required by paragraph i. of this Patent Rights clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the U.S. is in breach of such agreement.
- k. Special Provisions for Grants with Non-profit Organizations. If the grantee is a non-profit organization, it agrees that:
 1. rights to a subject invention in the U.S. may not be assigned without the approval of ODNI, except where such assignment is made to an organization which has as one of its primary functions the management of inventions, provided that such assignee will be subject to the same provisions as the grantee;
 2. the grantee will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when ODNI deems it appropriate) when the subject invention is assigned in accordance with 35 USC §202(e) and 37 CFR §401.10;
 3. the balance of any royalties or income earned by the grantee with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions, will be utilized for the support of scientific or engineering research or education; and

4. it will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms and that it will give preference to a small business firm if the grantee determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided that the grantee is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the grantee. However, the grantee agrees that the Secretary of Commerce may review the grantee's licensing program and decisions regarding small business applicants, and the grantee will negotiate changes to its licensing policies, procedures or practices with the Secretary when the Secretary's review discloses that the grantee could take reasonable steps to implement more effectively the requirements of this paragraph k.4.
1. Communications. All communications required by this Patent Rights clause should be sent to:

[TBD]

[END OF CLAUSE]

Standard Copyrightable Material Clause

The following copyrightable material clause will be used in funding agreements awarded by ODNI unless a special copyrightable material clause has been negotiated. When the clause is used in a funding agreement other than a grant, "grant" and "grantee" may be replaced by "cooperative agreement" and "awardee" or other appropriate terms.

COPYRIGHTABLE MATERIAL

a. SUBJECT WRITING means any material that:

1. is or may be copyrightable under Title 17 of the United States Code; and
2. is produced by the grantee or its employees in the performance of work under this grant.

"Subject writings" include such items as reports, books, journal articles, software, sound recordings, video tapes and video discs.

- b. Copyright Ownership, Government License. Except as otherwise specified in the grant or by this paragraph, the grantee may own or permit others to own copyright in all subject writings. The grantee agrees that if it or anyone else does own copyright in a subject writing, the Federal government will have a non-exclusive, nontransferable, irrevocable, royalty-free license to exercise or have exercised for or on behalf of the U.S. throughout the world all the exclusive rights provided by copyright. Such license, however, will not include the right to sell copies or photo records of the copyrighted works to the public.

- c. Grantee Action to Protect Government Interests. The grantee agrees to acquire, through written agreement or an employee relationship, the ability to comply with the requirements of the preceding paragraphs. The grantee further agrees that any transfer of copyright or any other rights to a subject writing, by it or anyone whom it has allowed to own such rights, will be made subject to the requirements of this article.

[END OF CLAUSE]

Special Patent and Copyright Situations

Special Grant Provisions

At the request of the prospective grantee or on recommendation from ODNI staff, a Grants Officer, with the concurrence of the cognizant Program Officer, may negotiate special patent or copyright provisions when he/she determines that exceptional circumstances require restriction or elimination of the right of a prospective grantee to control principal rights to subject inventions or writings in order to better achieve the objectives of the program, the [INSERT Name of ACT under which grants are being awarded], or (in the case of inventions) Chapter 18 of Title 35 of the USC. Every special copyright or patent provision will allow the grantee, after an invention has been made or copyrightable material created, to request that it be allowed to retain principal rights to that invention or material, unless doing so would be inconsistent with an obligation imposed on ODNI by statute, international agreement or pact with other participants in, or supporters of, the research.

[END OF PROVISION]

VIII. FEDERAL AWARD AGENCY CONTACTS

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IX. ANNUAL REPORTING AND EVALUATION REFERENCES

1. **Financials Review:** (Ref. 2 CFR 200.328) This includes a review of the recipient's financial management procedures, a sampling of financial transactions to check for accuracy and completeness, and a review of source documentation.
2. **Personnel Review:** This involves thorough discussion, observations, and review of documentation, verification that key personnel identified in the project are actually working on the project, and that any changes were given prior approval. Key personnel are those individuals named in the award and may or may not receive a salary but deemed critical to the project.
3. **Awards File Review:** (Ref. 2 CFR 200.303) The aim is to determine whether the recipient keeps adequate administrative records.
4. **Property File Review:** (Ref. 2 CFR 200.310 thru 2 CFR 200.316) The aim is to determine whether the recipient keeps adequate property records; maintains an up-to-date inventory of all property used on the grant; and has proper controls in place to safeguard property against loss, damage, and theft. For example, the recipient not only needs to be able to identify what property is being used on a grant, it also must be able to document the property's acquisition date and cost, the source of funds used for its purchase, and how and where it is being employed under the grant.
5. **Procurement File Review:** (Ref. 2 CFR 200.317 thru 2 CFR 200.323) Here the focus is on whether the recipient has a purchasing manual with written procurement policies and procedures, makes positive efforts to use small and minority-owned businesses, ensures that procurements are conducted competitively, and maintains a file or detailed records documenting the basis of all procurements and purchases.
6. **Programmatic Review:** (Ref. 2 CFR 200.329) This involves a determination of how well the project, as it is actually being implemented, reflects the performance objectives and supporting activities described in the approved grant application.

ODNI may unilaterally transfer responsibility for grants monitoring and/or program management to another USG entity at any time during the period of the grant.

X. APPENDICES**A. ACRONYMS**

1. AANAPISI – Asian American and Native American Pacific Islander Serving Institution
2. ADNI/HC – Assistant Director of National Intelligence for Human Capital
3. ANNHSI – Alaskan Native- or Native Hawaiian-Serving Institution
4. AOR – Authorized Organizational Representative
5. CAGE – Commercial and Government Entity
6. CFR – Code of Federal Regulations
7. DNI – Director of National Intelligence
8. D-U-N-S – Dun and Bradstreet Universal Numbering System
9. F&A – Facilities and Administrative
10. FAPIIS – Federal Awardee Performance and Integrity Information System
11. FFR – Federal Financial Report
12. FOA – Funding Opportunity Announcement
13. GO – Grants Officer
14. FSRS – Funding Accountability and Transparency Act Subaward System
15. HBCU – Historically Black College or University
16. HPSCI – House Permanent Select Committee on Intelligence
17. HSI – Hispanic-Serving Institution
18. IAA – Intelligence Authorization Act
19. IAA – Intelligence Authorization Act
20. IARPA – Intelligence Advanced Research Projects Activity
21. IC – Intelligence Community
22. IC CAE – Intelligence Community Centers for Academic Excellence
23. IC CAE PO – IC Centers for Academic Excellence Program Office
24. IHE – Institutes of Higher Education
25. KU – Knowledge Unit
26. LCTL – Less Commonly Taught Languages
27. MRP – Merit Review Panel
28. NANTI – Native American Non-Tribal Institution
29. NIU – National Intelligence University
30. ODC – Other Direct Costs
31. ODNI – Office of the Director of National Intelligence
32. OMB – Office of Management and Budget
33. PBI – Predominately Black Institution
34. PI – Principal Investigator
35. PWI – Predominately White Institution
36. SAM – System for Award Management
37. SO – Selection Official
38. SF – Standard Form
39. STEM – Science, Technology, Engineering, and Math
40. TCU – Tribal College or University
41. TIN – Taxpayer Identification Number
42. USC – United States Code

B. KEY REFERENCES

1. **Alaska Native and Native Hawaiian-Serving Institution (ANNHSI):** An Alaska Native-serving institution means an eligible institution under 20 U.S.C. 1058(b) and at the time of application has an enrollment of undergraduate students that is at least 20 percent Alaska Native students. A Native Hawaiian-serving institution means an institution of higher education which is an eligible institution under 20 U.S.C. 1058(b) and at the time of application has an enrollment of undergraduate students that is at least 10 percent Native Hawaiian students. (20 U.S.C. 1059(d))
2. **Asian American and Native American Pacific Islander-Serving Institution (AANAPISI):** An institution of higher education that is an eligible institution under 20 U.S.C. 1058(b); and, at the time of application, has an enrollment of undergraduate students that is not less than 10 percent students who are Asian American or Native American Pacific Islander. (20 U.S.C. 1059(g))
3. **Authorized Organization Representative (AOR):** The administrative official who is empowered, on behalf of the proposing organization, to make certifications and assurances and can submit applications on behalf of the organization. This person typically resides in the administrative, grants, or contracting offices of an IHE.
4. **Consortium:** A school may enter a consortium with another school to carry out activities in accordance with funds during a period of performance. (20 U.S.C. 6314(a)(4)) Consortium of institutions of higher education means a group of institutions of higher education that have entered a cooperative arrangement for the purpose of carrying out a common objective, or a public or private nonprofit agency, organization, or institution designated or created by a group of institutions of higher education for the purpose of carrying out a common objective on their behalf. (34 CFR 655.4(b))
5. **Contract Modification:** Any written change in the terms of a contract. (48 CFR 2.101)
6. **Grant Agreement:** A legal instrument of financial assistance between a federal awarding agency or pass-through entity and a non-Federal entity that, consistent with 31 U.S.C. 6302, 6304:
 - Is used to enter into a relationship the principal purpose of which is to transfer anything of value to carry out a public purpose authorized by a law of the United States; and not to acquire property or services for the Federal awarding agency or pass-through entity's direct benefit or use;
 - Is distinguished from a cooperative agreement in that it does not provide for substantial involvement of the Federal awarding agency in carrying out the activity contemplated by the federal award. (2 CFR 200.1)
7. **Hispanic-Serving Institution (HSI):** An institution of higher education that is an eligible institution and has an enrollment of undergraduate full-time equivalent

students that is at least 25 percent Hispanic students at the end of the award year immediately preceding the date of application. (20 U.S.C. 1101(a))

8. **Historically Black College or University (HBCU):** Any historically Black college or university that was established prior to 1964, whose principal mission was, and is, the education of Black Americans, and that is accredited by a nationally recognized accrediting agency or association determined by the Secretary of Education to be a reliable authority as to the quality of training offered or is, according to such an agency or association, making reasonable process toward accreditation. (20 U.S.C. 1061)
9. **Intelligence Community Centers for Academic Excellence (IC CAE) Scholar:** An IC CAE Scholar is a U.S. citizen and current student at an active or legacy IC CAE institution, or an individual who has graduated from such an institution, who has successfully completed at least one course in IC CAE study areas, such as Intelligence, National Security, Critical Technologies, STEM, languages, or other areas of study as determined by DNI to meet Intelligence Community needs. This individual has also participated in at least two IC CAE-focused activities each school year and is interested in a career within the Intelligence Community.
10. **Institutions of Higher Education (IHEs):** An educational institution in any State that—
 - Admits as regular students only persons having a certificate of graduation from a school providing secondary education, or the recognized equivalent of such a certificate, or persons who meet the requirements of 20 USC 1091(d) of this title;
 - Is legally authorized within such State to provide a program of education beyond secondary education;
 - Provides an educational program for which the institution awards a bachelor's degree or provides no less than a 2-year program that is acceptable for full credit toward such a degree, or awards a degree that is acceptable for admission to a graduate or professional degree program, subject to review and approval by the Secretary of Education;
 - Is a public or other nonprofit institution; and
 - Is accredited by a nationally recognized accrediting agency or association, or if not so accredited, is an institution that has been granted preaccreditation status by such an agency or association that has been recognized by the Secretary for the granting of preaccreditation status, and the Secretary has determined that there is satisfactory assurance that the institution will meet the accreditation standards of such an agency or association within a reasonable time. (20 U.S.C. 1001(A))
11. **Lead Institution:** The applicant IHE, and upon award, the school selected as an IC CAE grant recipient. Upon award, the lead institution shall be bound to all requirements of a non-Federal entity under 2 CFR 200. (2 CFR 200.1)

12. **Less Commonly Taught Languages (LCTL):** The less commonly taught languages include all languages other than English and the commonly taught European languages of German, French and Spanish. (ref. National Council of Less Commonly Taught Languages)
13. **Minority-Serving Institution (MSI):** An institution of higher education whose enrollment of a single minority or a combination of minorities (as defined by 20 U.S.C. 1067(k)(2)) exceeds 50 percent of total enrollment. (20 U.S.C. 1067(k)(3))
14. **Native American-Serving, Nontribal Institution (NASNI):** The term “Native American” means an individual who is of a tribe, people, or culture that is indigenous to the United States. Native American-serving, nontribal institution means an institution of higher education, as defined in 20 U.S.C. 1001(a) that, at the time of application, is an eligible institution under U.S.C. 1058(b); has an enrollment of undergraduate that is not less than 10 percent Native American students; and is not a Tribal College or University as defined by U.S.C. 1059(c). (20 U.S.C. 1059(f))
15. **Period of Performance:** The total estimated time interval between the start of an initial Federal award and planned end date, which may include one or more funded portions, or budget periods. Identification of the period of performance in the Federal per 2 CFR 200.211 (b)(5) does not commit the awarding agency to fund the award beyond the currently approved budget period. For the purposes of this FOA, the period of performance shall begin on the date of the Federal award and end five (5) years less one day from that date of Federal award. (2 CFR 200.1)
16. **Predominately Black Institutions (PBIs):** An institution of higher education as defined by 20 U.S.C. 1001(a) that is an eligible institution with not less than 1,000 undergraduate students; at which not less than 50 percent of the undergraduate students enrolled at the eligible institution are low-income individuals or first-generation college students; and at which not less than 50 percent of the undergraduate students are enrolled in an educational program leading to a bachelor’s or associate’s degree that the eligible institution is licensed to award by the State in which the eligible institution is located. (20 U.S.C 1059(e))
17. **Principal Investigator (PI):** The individual(s) designated as having an appropriate level of authority and responsibility for the proper conduct of programmatic intent. When an organization designates more than one PI, it identifies them as individuals who share the authority and responsibility for leading and directing the program. (based upon 2 CFR 1108.295)
18. **Program Balance:** A tool used in reviewing applications to assist in finalizing. For the purposes of the IC CAE grant, the SO will consider the IC CAE’s overall mission and program objectives, which may include but are not limited to the following: broadening the geographical locations of the IC CAE Program Schools and considering the number and types of MSIs and underrepresented institutions within the IC CAE Program.

19. **Rural-Serving Institution of Higher Education:** An institution of higher education that primarily serves rural areas. The term rural area means an area that is defined, identified, or otherwise recognized as rural by a government agency of the State in which the area is located. (20 U.S.C. 1161(q))
20. **Subrecipient:** An entity, usually but not limited to non-Federal entities that receives a sub-award from a pass-through entity to carry out part of a Federal award; but does not include an individual that is a beneficiary of such award. For the purposes of this FOA, subrecipients shall be members of a consortia under a lead institution and comply with 2 CFR 200 requirements for a subrecipient. (2 CFR 200.1)
21. **Tribally Controlled Colleges and Universities (TCUs):** An institution that qualifies for funding under the Tribally Controlled Colleges and Universities Assistance Act of 1978 (25 U.S.C. 1801 et seq.) or the Navajo Community College Act (25 U.S.C. 640a note); or is cited in section 532 of the Equity in Educational Land-Grant Status Act of 1994 (7 U.S.C. 301 note). (20 U.S.C. 1059(c))
22. **Underrepresented in Science and Engineering:** A minority group whose number of scientists and engineers per 10,000 population of that group is substantially below the comparable figure for scientists and engineers who are white and not of Hispanic origin. (U.S.C. 1067(k))

C. IC CAE KNOWLEDGE UNITS

These knowledge units are only applicable to institutions that choose Pathway I: Intelligence/National Security or Pathway IV: Integrated Approach, Intelligence/National Security and Critical Technology Studies or Intelligence/National Security and STEM.

1. Core Intelligence Topics

- A. National Security
 - i. History of U.S. Intelligence
 - ii. National Security Issues
 - iii. Strategic Intelligence
 - iv. International Relations Theory
- B. U.S. Intelligence Community
 - i. National Intelligence Policy: National Intelligence Strategy (NIS) and National Security Council (NSC)
- C. Intelligence Cycle
- D. Analytic Processes (Undergraduate and Graduate)
- E. Intelligence Collection
 - i. Human Intelligence (HUMINT)
 - ii. Geospatial Intelligence (GEOINT)
 - iii. Measurement & Signature Intelligence (MASINT)
 - iv. Open-Source Intelligence (OSINT)
 - v. Signals Intelligence (SIGINT)
- F. All Source Intelligence
- G. Components of Strategic Intelligence
 - i. Biographic
 - ii. Economic
 - iii. Sociological
 - iv. Transportation & Telecommunications
 - v. Military Geographic
 - vi. Armed Forces
 - vii. Political
 - viii. Scientific & Technical

2. Core IC Professional Development

- A. Critical Thinking
- B. Analytic Writing
- C. Research Methods
- D. Briefing Skills
- E. Collaboration

3. Optional Intelligence Topics

- A. Irregular Warfare
- B. Terrorism
- C. Counterterrorism
- D. Counterintelligence
- E. Counterproliferation
- F. Intelligence and the Law
- G. Classification
- H. Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) – Weapons of Mass Destruction (WMD)

4. Issues in Intelligence Analysis: Mindsets and Biases

- A. Analytic
- B. Cultural
- C. Organizational
- D. Cognitive

5. Structured Analytic Techniques (Optional Undergraduate And Core Graduate)