ANNOUNCING THE 2013 SUMMER SEMINARS

The Program Office is excited to announce two experiential learning opportunities for CAE students during summer 2013!

Summer Seminar: Building Foundations and Summer Seminar: Community Insights will bring 80 students from across the CAE family to National Capital Region, for in-depth explorations of the skills, people, and agencies that comprise the U.S. Intelligence Community. Through classroom instruction, practical exercises, and agency visits, participants will gain a greater understanding of the challenging and rewarding work within the Community.

Summer Seminar: Building Foundations, for rising juniors, will meet August 5-16, 2013. During the first week of the Seminar, participants will receive analytical skills training from professionals currently working in the Intelligence Community. A simulation during the second week will allow students to practice those skills and receive feedback from community leaders.

Summer Seminar: Community Insights will be held June 17-28, 2013. During this two week program, students will take part in seminars, simulations, and agency visits to delve into issues of critical importance to the Intelligence Community. Rising seniors, May 2013 graduates, and graduate students will be considered for this opportunity. Participants must be eligible for a security clearance.

Participants will be competitively selected from students nominated by each CAE school. Academic performance, CAE participation, and faculty recommendation will be evaluated by the selection committee. All travel, lodging and seminar costs will be borne by the CAE Program Office.

Primary Investigators, a call for nominations will be in your inboxes soon!
November Five Eyes Analytic Workshops a Success

We’re trying to use the SAGE internet space to post timely information and generate discussion with you all. If you are not checking the SAGE space, you should be. At some point, you’ll be missing important data. If you haven’t accessed SAGE yet, you need to. Contact Megan to get lined up with access.

We look forward to supporting each of you in 2013 and beyond. Thanks for allowing us to contribute to your programs.

Charles Mitchell, DIA interacts with student participants at the Five Eyes Analytic workshops

The IC CAE Program, DIA hosted the ninth semi-annual Five Eyes Analytic Workshops at Maritime Institute in Linthicum Heights, Maryland on November 6-8. The theme, Challenges in Intelligence Analysis Education and Training, provided an excellent opportunity to share and refine analytic methods instruction with intelligence peers and educators. In an environment of rapid growth and change, opportunities to collaborate are fundamental to our success.

The workshops brought together around 150 members of the Intelligence Community, FVEY partners, and academia to engage in networking, academic outreach, professional development and collaboration. These workshops were expanded this time to include broader representation from the IC Centers for Academic Excellence Program, providing a great opportunity for these schools to develop networking opportunities that will foster further collaboration across the IC. The workshops were

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a networking success with representatives from 15 universities and personnel from 16 IC organizations, services and combatant commands in attendance.

Thought provoking keynote addresses from Mark Roth, ODNI’s Chief of Outreach and Policy, and J.D. Williams, Director of Research at DIA, set the tone for excellent workshops. Other plenary speakers included Hal Stine, of JMITC, Dr. Susan Studds, of the National Intelligence University, and FBI experts Dr. Michael May and Michael Coyne. Key features of the Five Eyes Analytic Workshops were 24 interactive workshops. Workshop presenters included a mix of academics, practitioners and students. Topics included Evaluating Analytic Quality with J.D. Williams and Dean Adkins (DIA), The Changing Strategic Environment and What it Means to the Practice of Intelligence with Josh Kerbel (DIA), Warning Analysis with Matthew Barrows (Ministry of Defence, UK) and Robert Kells (DIA). James Lucero, of PACOM, led a workshop on “Partnering Outside the Classroom.” The attendees’ active participation enriched the experience for all.

A highlight of the workshop included the presentations provided by students from University of Mississippi, James Madison University, University of New Mexico, Florida International University, Florida A&M, and Bowie State.

Participants gained a better understanding of the topics discussed, discovered new ideas to implement within their organization and developed an enduring, collaborative network of like-minded practitioners that we hope will persist. The free conference was open to all interested instructors, analysts and managers across the Intelligence Community.

Welcome to the Team

A big warm welcome is due to the three additional universities selected from the 2011 IC CAE Broad Agency Announcement. In the January 2012 issue of Impariamo, we welcomed University of South Florida and the Mid-Atlantic Consortium led by Morgan State University. Now we are very excited to formally welcome the University of Mississippi, Florida International University and California State University, San Bernardino, as selectees for IC CAE Program from the 2011 Broad Agency Announcement!

The University of Mississippi in Oxford and partner Jackson State University plan to create a graduate level certificate program. Schools will work together to enhance their cyber security curriculum and support study abroad and undergraduate and graduate research.

The Florida International University (FIU) in Miami currently has graduate and undergraduate certificates in National Security Studies. FIU will develop a North America Studies certificate, and develop an online National Security Operations Analysis and Management certificate program.

The California State University (CSU), San Bernardino, will continue its consortium with Bakersfield, Dominguez Hills, Fullerton, Long Beach, Northridge, and Cal Poly Pomona. CSU proposes to create an African Security concentration for their graduate degree in National Security Studies. CSU also plans to institute a research methodology requirement for both undergraduate and graduate students.

Please join me in welcoming these schools the IC CAE family!
Tenth Biannual Five Eyes Analytic Training Workshop

The Five Eyes initiative brings together the intelligence agencies of Australia, Canada, New Zealand, the United Kingdom, and the United States as well as select academic partners to share their best analytic practices and newest analytic principles to improve present and future intelligence analysts. This upcoming conference will have the theme “The Analysts of 2023: What They Will do and How We Can Prepare Them.” It will include sessions on how to build education and training programs (both beginning and advanced), new analytic methods and how your analysts can begin using them, as well as major issues that pose challenges to analysts. Some of the more specific topics in the above areas we hope to cover include:

On behalf of James Madison University, our partners at the Defense Intelligence Agency, and the international Five Eyes Analytic Training Initiative, we would like to invite you to the Tenth Biannual Five Eyes Analytic Training Workshop to be held February 11-13, 2013 at James Madison University in Harrisonburg VA, USA. We further invite you to submit proposals to us for sessions at this event.

• Intelligence Analysis Methodologies
• Critical and/or Creative Thinking Methods of Analysis
• Structured Analytic Methods (e.g., Argument Mapping, Key Assumptions Check, etc.)
• Using Technological Tools to Facilitate Analysis
• Sociocultural/Contextual Methods of Analysis
• Intelligence Ethics and Ethical Issues for Intelligence Analysis
• Analytical Writing and Briefing
• Practical Teaching Methods (e.g., Developing Exercises, Pedagogical Approaches)

If you are interested in offering a workshop or participating in a panel discussion in one of these areas (or another that you believe would be of value to Five Eyes Partners), please contact Dr. Noel Hendrickson, Director, Institute for National Security Analysis at hendrixn@jmu.edu / 540-568-8941 or Operations Coordinator, Ms. Amy Ballard at ballaram@jmu.edu as soon as possible. Workshops will be 90 minutes in length (roughly 30-45 minutes for presentation and 45-60 minutes for questions).

The Five Eyes Analytic Workshops build collaboration by helping members of different agencies analyze information and build collegiality amongst its members. The Five Eyes name itself is symbolic of the notion that eyes of each of the member nations—Australia, Canada, New Zealand, the United Kingdom, and the United States—work together in the name of better intelligence collection, analysis, and dissemination.

This event is free to all who register. In the interest of making it easier on you to gain budget authorization, JMU will cover the registration, transportation to and from the hotel to JMU, and all meals and snacks for all three days, so please register by Monday January 21, 2013. Please go to http://www.eventbrite.com/event/4936062897 and enter the password “10thfiveyes”.

The CAE Program Office will pay for the transportation and lodging of the first 10 CAE participants who apply. Hotel rooms are available at the rate of $77 at the Courtyard by Marriott, 1890 Evelyn Byrd Ave., Harrisonburg, Virginia 22801, USA. Please call 1-540-432-3031 and reference “JMU Five Eyes Workshop” to receive the discounted rate of $77. You may also go online and book with code JFWJFWA. (The cut-off for this rate is January 21, 2013.)

Thank you for considering attending this event. If you have any questions regarding it please feel free to contact Dr. Noel Hendrickson at hendrixn@jmu.edu / 540-568-8941 or Ms. Amy Ballard at ballaram@jmu.edu / 540-568-8941.
What will the world look like in the year 2030? Not an easy question to answer, just ask Ryan Hansen, Project Leader for the mock NIE-Global Trends 2030, produced at California State University, San Bernardino. Ryan, who will receive his MA in National Security Studies in December, led the effort to identify future trends and communicate them effectively to the intelligence customer. In this case, the customer was Dr. Mathew Burrows, National Intelligence Council (NIC), who led the effort for the actual Global Trends Report.

Ryan and his colleagues found themselves in circumstances faced daily by analysts across the IC: how to make sense of a large amount of data, recognize trends, and effectively convey their findings. The team’s hard work was rewarded with feedback from the NIC, CIA, and NSA. “Their feedback and support, and the fact that people from the agencies felt it was worth responding to, is absolutely invaluable to me”, says Ryan.

Ryan joined the CAE at California State University (CSU) upon entering the National Security Studies degree program there. He was selected to attend the 2012 National Security Analysis & Intelligence Summer Seminar (NSAISS) and will take part in intensive language study during summer 2013. Ryan attributes his ability to analyze information effectively and understanding of what the IC expects of analysts to the professional development workshops offered as part of the CSU CAE. As to Ryan’s future: “I plan to pursue a career in the intelligence community. If I wasn’t sure before this summer, NSAISS convinced me that the IC was where I want to be.”

Congratulations to Ryan and the entire mock-NIE team for their work!

We know you have scholars who are doing exciting things! Please share their stories – and photos – with us by emailing Julea Wade at julea.wade@dodiis.mil.

2012 IC CAE ANNUAL REPORT

The IC CAE Program Office is currently working to produce the 2012 IC CAE Program Annual Report, which will communicate the Program’s results, achievements and successes from October 2011 through August 2012, to its customers, stakeholders and shareholders.

The 2012 Annual Report contains a history of the IC CAE Program, an overview of the CAE schools’ activities for the 2011-2012 academic year, and narratives featuring the IC CAE’s Mandatory Program Components, and initiatives peripheral to the IC CAE Program’s structure and execution. These narratives include CAE school program metrics as reported to MITRE; and provides details about the CAE’s Senior Advisory Board (SAB), IC agency participation, the Program Office’s communication efforts; Professional Development offerings; the 2012 National Security Analysis and Intelligence Summer Seminar (NSAISS), and much more.

The Program Office will disseminate copies of the 2012 IC CAE Annual Report as soon as possible.
A New UARC is Born
on the Great Plains

By Marc Warburton

It’s our biggest programmatic problem: How to nurture our CAE seed-money into a self-sustaining, dynamic, and IC-relevant program for the long term. A vibrant research relationship that engages our faculty and students with the IC and DOD is key to any strategy seeking to enconce the CAE concept into our academic infrastructure. In that regard the Great Plains National Security Education Consortium has some exciting news. The University of Nebraska, under the sponsorship of US Strategic Command, has been designated DOD’s fourteenth University Affiliated Research Center (UARC) with the mission of providing the Department with essential research, development, and engineering for combating weapons of mass destruction and space, cyber, and telecom law. Managed by NU’s National Strategic Research Institute, this $84M, five-year, TS/SCI-level task-order contract allows the government to access NU faculty active in the core competencies of:

- Nuclear Detection and Forensics
- Chemical and Biological Weapons Detection
- Medical Passive Defense Against WMD
- Consequence Management
- Space, Cyber, and Telecom Law

Another key mission of any UARC is to train the next generation of analysts, scientists, and engineers. Awarded in late September, the contract is already fulfilling that mission and benefiting our IC Scholars. For example, several of them will start soon working on a project to better understand the psychological basis of strategic deterrence. The potential opportunities for students to learn about neutron detection, high-power lasers, consequence planning and mitigation, deterrence planning, and MASINT technology development are legion. We also anticipate that some students may get cleared, which will obviously enhance their career prospects within the IC. Tasking under the UARC is not limited to NU, so if any CAE faculty have research interests in the above areas and are interested in collaborating with Nebraska, please contact Marc Warburton, Director, GP NSEC at mwarburton2@unl.edu and check out nsri.nebraska.edu.

Simulation Games:
FIU Workshop Combines Fun with Critical Thinking Skills

By Chaka Ferguson

In October 2012, the Jack D. Gordon Institute for Public Policy and Citizenship Studies (IPPCS) at Florida International University held its biannual High School Teachers’ Workshop. Twenty teachers from 17 Miami-Dade County Public Schools attended the workshop, which began in 2006 as part of the institute’s Program in National Security Studies (PINSS) through a grant from the Office of the Director of National Intelligence (ODNI). The Fall 2012 was sponsored by the Center for Academic Excellence Program Office, Defense Intelligence Agency and co-sponsored by the FIU Latin American and Caribbean Center in partnership with the Division of Social Sciences and Life Skills of Miami-Dade County Public Schools. Since its inception, more than 1,200 students and teachers have attended the biannual simulations and critical learning exercises held by IPPCS.

The workshop has two main objectives: The first is to train teachers how to use analytical techniques in their classrooms to improve their students’ critical thinking skills; and the second is introduce the teachers to topics related to international, regional and national security, and aspects of foreign policy. The analytical techniques are applied to a specific security/foreign policy topic during a student simulation that is conducted a several weeks after the workshop.

The theme of the Fall 2012 workshop was “Games of Love or Games of Chance: Protecting the 2016 Rio Olympics.” The goal of the simulation, which was developed by Gordon Institute staff, is for students to develop counterterrorism and economic/social justice policies that will help Brazil host a successful and peaceful Olympiad. During the simulation, the students are assigned to one of seven national delegations or non-governmental organizations (NGOs) in which they take on the roles of either security specialists or economic and social justice advocates. The students are tasked to develop a comprehensive security and economic plan for Brazil by collaborating during a mock symposium.

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The workshop provides teachers with the background materials to help prepare the students for the simulation. In the simulation, students use the analytical techniques taught by professional analysts during the teachers’ workshop and get a preparation booklet based on the briefing the teachers received from a regional specialist. Marilyn Peterson, Director of the IC Centers for Academic Excellence, discussed the best practices teachers could use to improve the critical thinking skills of their students. In her presentation, Marilyn also detailed the different types of techniques and how they can be applied to different cases and circumstances. Brian Fonseca, a Socio-Cultural Analyst in the Intelligence Directorate at United States Southern Command and adjunct professor in the Department of Politics and International Relations and the Latin American and Caribbean Center (LACC) at FIU, gave a briefing on the security challenges Brazil faces in hosting the Games. In addition to providing a profile of Brazil, Brian also discussed the broad security issues countries in South America face from terrorism and transnational crime. The workshop concluded with an overview of the simulation by the Gordon Institute staff.

The Gordon Institute received extremely positive feedback from the teachers about the workshop. Most of the teachers said they were likely to use the materials they received from the workshop in their classrooms and nearly all said the activities furthered their understanding of national security. Overall, the teachers were generally impressed with the guest speakers and Gordon Institute staff and viewed the workshop as valuable to their teaching.

Since 2006, the Gordon Institute has held teachers workshops in the Fall and Spring of each academic year. The workshops have focused on security issues and foreign policy. In the Spring of 2012, the theme of the teachers’ workshop and student simulation was “Global Outbreak: the Impact of Infectious Disease on U.S. National Security.” The simulation was created by Gordon Institute staff and based on the 2000 National Intelligence Estimate (NIE) on Infectious and Chronic Diseases. The simulation used techniques devised from the original NIE. Guest speakers for that workshop were experts in national security and disaster management. Previously, the Gordon Institute has conducted simulations where students developed a mock NIE to assess al Qaeda’s networks with insurgent groups in South America and drug traffickers in West Africa and the foreign policy simulations such as the Cuban Missile Crisis. During the Gordon Institute’s 2012 High School Summer Institute on National Security, students participated in a simulation designed to resolve the territorial dispute between littoral states of the South China Sea. Similarly, invited guests were experts in maritime security and regional specialists. Each of the Fall and Spring simulations have been attended by more than 120 students from more than two dozen high schools in Miami-Dade County, the nation’s fourth-largest school district.

The Jack D. Gordon Institute for Public Policy and Citizenship Studies (IPPCS)

Ongoing IPPCS programs include the Student Honors Mentor Program, the Model United Nations Program, Graduate and Undergraduate certificate programs in National Security Studies, the Public Policy Studies Certificate Program and the Ethnic Studies Certificate Program. As an Intelligence Community Center for Academic Excellence (IC-CAE), the IPPCS has been able to enhance the academic experience through speakers, colloquia, seminars, library resources, faculty support, student scholarships, study abroad and assistance with obtaining internships and employment opportunities. was founded in 1985 to offer students, faculty and the community alternative learning opportunities in public policy and citizenship development. The late Florida State Senator Jack D. Gordon, founding director of the Institute, served the Miami-Dade community for many years, chairing substantive committees in the Florida Senate, including Appropriations, Tax and Finance, Education, Transportation, and Health and Rehabilitative services.

If you would like to request one of the simulations developed by the Gordon Institute, please contact Dr. Chaka Ferguson at cfergus@fiu.edu or call 305-348-2977.

Cultural Knowledge Consortium
A Resource for CAE Schools

The Cultural Knowledge Consortium (CKC) Project is designed to provide and maintain access to the maximum amount of social science data, information and expertise (people, repositories, databases, archives, etc.) to support socio-cultural analysis requirements of the Combatant Commands of the US Department of Defense on behalf of the Defense Intelligence Enterprise. It is located at Ft. Leavenworth, Kansas, and its director is Karl Prinslow. CKC is a Director of National Intelligence-directed task that connects libraries, academics, non-governmental organizations, inter-governmental organizations, private industry, military and other US government personnel.
The NGA is a Department of Defense (DoD) combat support agency and member of the U.S. Intelligence Community (IC). NGA’s mission is to provide timely, relevant and accurate geospatial intelligence (GEOINT) in support of U.S. national defense. GEOINT is the exploitation and analysis of imagery and geospatial information that describes, assesses and visually depicts physical features and geographically referenced activities on the Earth. NGA provides online and on-demand capabilities to improve mission partners’ access to GEOINT data, to include contextual GEOINT analysis of places, events and issues informed not only by the earth’s physical features and imagery intelligence, but also by human geography.

NGA works to be agile in its support of multiple mission areas, including providing support to military and intelligence operations, intelligence analysis, homeland defense, and humanitarian and disaster relief. Ultimately, NGA seeks to know the Earth, show the way, and understand the world.

NGA Careers

Approximately two-thirds of the NGA workforce is assigned at NGA Campus East, located in the National Capitol Region (NCR), and approximately one-third is assigned to its two St. Louis facilities. In addition, NGA professionals are continuously deployed to worldwide locations in order to provide intelligence expertise in support of national defense objectives.


Student Opportunities at NGA

NGA has a number of student opportunities available at both the undergraduate and graduate levels between the Student Employment Program and two scholarship programs. NGA’s Student Employment Program is open to college students at both the undergraduate and graduate levels. NGA views student employees as future members of its workforce; and therefore, work assigned to students is professional in nature and is conducted in a learning environment that gives the student the opportunity to be evaluated for potential long term employment. Students who perform successfully and meet program requirements are invited to continue in the program for the duration of their degree programs, and are non-competitively converted to permanent employment upon graduation. Additional information regarding NGA’s Student Employment Program is available at www1.nga.mil/Careers/StudentOpp/Internships/Pages/default.aspx.

NGA currently participates in two scholarship programs of interest to student applicants: the Stokes Scholarship Program and the SMART Scholarship Program. The Stokes Scholarship Program is designed for high-achieving college undergraduates who have demonstrated financial need and interest in a career with NGA. Scholars receive tuition assistance, challenging summer work and are guaranteed a position in their field of study upon graduation. This highly competitive program accepts a small number of undergraduate students each year and provides them with year-round pay, benefits, and tuition assistance. Stokes Scholars attend classes full-time during the academic year, and work at NGA during the summer in positions related to their course of study. For addi-
Cultural Knowledge Consortium

To develop a more thorough and robust socio-cultural capability, the analytic community needs improved access and analytic efficiencies augmented by a focal point for efficient initiation and support to academic led social science research in all COCOMs’ area of responsibilities. The Cultural Knowledge Consortium is a key component to improve this access, enhanced analysis and expanded socio-cultural research.

Along with brokering data and information, we seek to expand access to expertise via “Regional and Functional Scholars” who develop collaborative networks of the communities of the interested, a.k.a. ‘knowledge networks’. A complete list of the CKC’s Regional and Functional Scholars can be found in the Faculty Section of the IC CAE SAGE website.

The CKC web site, http://www.culturalknowledge.org, contains a blog, links, a calendar of events, and a forum. One link is to the Civil-Military Fusion Center, in VA, which is an excellent source of information about the Middle East, South Asia and the Mediterranean basin. Among upcoming events it lists is the Society for Cross-Cultural Research Conference, February 20-23 in Mobile, AL. This conference is co-sponsored with the Society of Anthropological Sciences.

Cultural knowledge is extremely important to the study of all activities in varied parts of the world. Expanding this knowledge is important throughout the Intelligence Community.

The CKC is also hoping CAE schools will participate and contribute to this consortium and help us all to continue to benefit from your experience, expertise and professional passions. They will be providing the CAE Program Office with a list of topics they are interested in having explored through open source research, which will be passed on to all the schools through the IC CAE SAGE web site.

If you have regional or cultural expertise and are interested in participating with the CKC, contact Karl Prinslow at 913-684-5963 or email karl.e.prinslow.civ@mail.mil.

NGA

NGA also participates in the Science, Mathematics, and Research for Transformation (SMART) Scholarship Program. This scholarship for service program was established by the DoD to support undergraduate and graduate students who are pursuing degrees in science, technology, engineering, and mathematics (STEM) disciplines. Participants are afforded an opportunity to receive a full scholarship, stipend for living expenses, and employment in the Federal Government upon degree completion. Additional information about this program can be found on the SMART website at http://smart.asee.org/.

When applying to the SMART Scholarship Program, students are asked to rank their top choices for placement in order of preference. Typically, only scholars who indicated NGA as a first choice for placement are considered when NGA’s annual sponsorship selections are made. For more information about NGA, visit their website at www1.nga.mil/.

The Impariamo (Let’s Learn) is a quarterly newsletter for and by the IC CAE community. Melissa Mason is its editor. If you have an article or news that can turn into an article, please send them to Melissa at melissa.mason@dodiis.mil.