

MAY 2020

# DEAD DROP



**Intelligence Community Center of  
Academic Excellence (ICCAE) Designation**

**Shifting Focus from Intelligence Studies  
to Intel & Information Operations**

**Study Abroad Program**

**Job Opportunities in the  
Intelligence Community**



THE UNIVERSITY OF ARIZONA

**College of Applied  
Science & Technology**



# DEAN'S MESSAGE ON COVID-19

**Dear CAST Student,**

You should have received multiple notifications from University of Arizona President Robbins, informing you that Spring Break has been extended until March 18, and that students are being asked not to return to campus. All University of Arizona classes are being transitioned to fully online learning modalities in response to the quickly evolving COVID-19 situation. Because most CAST students have experience with fully online courses, we believe our college—and our faculty—are in many ways more prepared, but we will be doing all we can to assist both students and faculty in this transition.

Our faculty and departments are prepared for the transition to fully online modality. Your instructors have revised their course syllabi to accommodate the change in schedule. Your instructors will be communicating directly with you about curriculum adjustments, including changes in assignments, assessments, due dates, etc.

Thank you for your patience and understanding for our students, faculty and staff during this quickly evolving situation. We are here to support you and will do our best to answer questions or address concerns as the COVID-19 situation progresses. Please be aware, however, that CAST Advising offices will not be open. Your advisor will be available by phone, Zoom, and email for advising appointments until further notice. Please call **520-626-2422** if you have questions.

We also want to ensure that you are prepared with the necessary technology and internet access for continuing your classes entirely online. If you are in a situation where you do not have the means to participate in fully online courses, please reach out immediately to Danielle Hallahan through email at [daniellehallahan@arizona.edu](mailto:daniellehallahan@arizona.edu), so that we can help devise a workable solution for you quickly.

**LINDA DENNO, PhD  
INTERIM DEAN  
CAST**



# DEAD DROP



College of Applied  
Science & Technology

## **4 ARTICLE: DISSECTING THE DEAD DROP**

We take a quick look at the origins of the dead drop and its use as an effective intelligence tradecraft during its moments in history.

## **5 ARTICLE: WE ARE IN!**

We discuss the Intelligence & Information Operations (IIO)'s designation as an Intelligence Community Center of Academic Excellence (ICCAE), why the ICCAE grant was established and what IIO plans to do with the grant.

## **8 ARTICLE: MOVING FROM INTEL STUDIES TO IIO**

IIO Program Manager sits down with our IIO Director to discuss recent shifts in direction of the intelligence studies degree program.

## **11 COURSE SCHEDULE: FALL SEMESTER**

View list of courses offered in the IIO Program for the Fall semester 2020.

## **12 COURSE HIGHLIGHTS**

This issue we review the Special Topics courses offered through all three academic tracks of the IIO Program.

## **13 PROGRAM NEWS**

Information on the Language and Study Abroad program.

## **15 STUDENT RESOURCES**

List of current scholarships, internships and job search resources for employment within the Intelligence Community.

# DIRECTOR'S MESSAGE

Year 2020 is already in full swing and is a momentous time for the Intelligence & Information Operations program. Our Intelligence Community - Center of Academic Excellence (ICCAE) designation from the Office of the Director of National Intelligence (ODNI) has definitely helped the University of Arizona to be recognized as one of the top intelligence programs in the Nation! We are extremely happy to have so many new students applying to the Bachelor of Applied Science in Intelligence and Information Operations degree program. Our new students bring in a wealth of new experiences, and a level of excitement that really has a positive impact on the program.

We have also welcomed several new adjunct faculty members to the Intelligence and Information Operations program. One of these faculty, Professor Hilliard is highlighted in the College of Applied Science and Technology (CAST) spotlight on the origin of the dead drop. As you can see, our program is not only growing but we are continually investing in the program to ensure that our curriculum is current, and that our instructors are leaders in the intelligence and information operations industry.

We are looking forward to the rest of 2020 to be a year filled with academic and research challenges, and student and faculty successes. I wish you the best for the semester.

**JASON DENNO**  
Director  
Cyber Operations/Intelligence  
and Information Operations

---

## CONTRIBUTORS

**JASON DENNO**  
*Cyber Ops/IIO Program Director*

**IRIS ALMAZAN**  
*IIO Program Manager; Article Author*

**CHARLES WALKER**  
*Diversity and Inclusion Coordinator;  
Producer/Creative Design*

**CHRISTOPHER HILLIARD**  
*Professor of Practice, Intelligence Studies;  
Article Author*

**CRAIG NAZARETH**  
*Professor of Practice, Operational Intelligence*


**TRACY PRUDHOMME**  
*Administrative Assistant, Cyber Ops*





# DISSECTING THE DROP

BY CHRISTOPHER HILLIARD,  
Assistant Professor of Practice, CAST



This publication is called the “Dead Drop”, which is our use of a term from intelligence lore and popular entertainment. The International Spy Museum has the simplest definition, “A secret location where materials can be left for another party to retrieve”. The CIA’s in-house museum adds that “Communication between agents and their handlers always poses a risk.

A “dead” drop allows communication by a person leaving and the other person picking up material later at a prearranged location. This eliminates the need for direct contact...”

Cold War-era spy novels and movies made frequent use of dead drops, often in the form of materials left under a specific rock or a cleft of a certain tree, usually in an urban park in some European capital. But there were other methods, such as a dead drop spike in the collection of the CIA Museum. 🐱

# WE ARE IN!

## An eye into CAST's designation as an Intelligence Community Center of Academic Excellence (ICCAE)

BY CHARLES WALKER, DEI PROGRAM COORDINATOR, CAST

Our Intelligence and Information Operations (IIO) Bachelor of Applied Science (BAS) program was recently awarded a \$1.5 Million grant and designated as an Intelligence Community Center of Academic Excellence (ICCAE). This prestigious designation follows one recently given to CAST's Cyber Operations program by the National Security Agency (NSA), where only 20 colleges or universities out of those who applied were merited with the Center of Academic Excellence in Cyber Operations (CAE-CO) seal of approval.

Established in 2005, the ICCAE is a program, mandated and appropriated by Congress and funded by the Office of the Director of National Intelligence (ODNI), that serves to enhance diversity and inclusion within the Intelligence Community. Their goal is to increase job opportunities for qualified intelligence professionals from various multicultural and ethnic backgrounds by partnering and collaborating with competitive academic institutions of higher education, who are committed to supporting the ICCAE's program objectives at their university or college.

The University of Arizona's College of Applied Science & Technology ICCAE program acknowledges the power of a more diverse, equitable and inclusive intelligence workforce. Building a collaborative environment of intelligence professional of various cultural and ethnic background enhances the exchange of new ideas and perspectives. Our internal and external intelligence industry partners, colleges,

university, and law enforcement affiliates also see the value in diverse job candidates, and actively recruit diverse intelligence talent from all over the nation in efforts to strengthen national security.

Notably, the IIO-awarded ICCAE grant will be used to expand various educational, professional development, and outreach initiatives within the IIO program. Namely, our Study Abroad Program gives students an opportunity to travel and immerse themselves within the cultures of their language of practice. Our monthly Professional Development Speaker Series provides students an opportunity to engage with intelligence industry leaders dealing with current real-world intelligence issues.

In the near future, the IIO program seeks to establish a diverse consortium of partners with selected southern Arizona community colleges to develop intelligence-focused academic programs to share knowledge and best practices. These exciting projects are only the tip of the iceberg on what is to come for our students. Look for more information in future issues of the Dead Drop.

For more information on the ICCAE, please contact the IIO Program Manager, Iris Almazan, or visit the IIO webpage at: <https://iio.azcast.arizona.edu>





The Intelligence &  
Information Operations  
(IIO) Program  
*Presents:*

The Intelligence Community  
Center of Academic Excellence (ICCAE)

*2020 Student, Staff & Faculty Professional  
Development Speaker Series  
(April – June 2020)*

A designated Intelligence Community Center of Academic Excellence, The College of Applied Science & Technology's Intelligence & Information Operations program affords its students, staff, and faculty exclusive professional development opportunities. Event attendees learn from and engage with the leaders and practitioners of the United States IC and private sector.

The IIO program culminates the 2020 academic calendar year with a professional development speaker series that will deep dive into issues such as cybersecurity, military intelligence analysis, politics, topics of national security and more.

All sessions will be streamed live via Zoom (**Meeting ID: 605 128 853**): <https://arizona.zoom.us/j/605128853>. Topics and speakers will be announced as they are confirmed; upcoming speaker segments will be posted on the *CAST IIO's ICCAE Academic and Professional Development webpage*. We encourage you to join us for live interactive events, as not all session will be available for a later viewing.



For questions or concerns, please contact: Professor Craig Nazareth at [cnazareth@arizona.edu](mailto:cnazareth@arizona.edu) or 520-458-8278 ext. 2185

ICCAE

SPEAKER SERIES

2020





INTELLIGENCE & INFORMATION  
OPERATIONS (IIO) PROGRAM  
PRESENTS:

# ICCAE PROFESSIONAL DEVELOPMENT SPEAKER SERIES APRIL 2020

**APRIL 28**  
TUESDAY, 11:30AM-12:45PM

## **CYBERSECURITY**

**Cyber Threat Environment  
and Business Risk  
Information Mitigation Panel**

**Dr. Yonesy F. Nuñez**

Group Information Security Leader,  
Commercial & Corporate Investment  
Banking for Wells Fargo and Company

**Mr. Larry Whiteside, Jr.**

President, International Consortium  
of Minority Cyber Professionals

**APRIL 29**  
WEDNESDAY, 1:00PM-2:00PM

## **MILITARY INTELLIGENCE**

**Attributes of an Intelligence  
Analyst & Intelligence  
Fusion and Analysis**

**COL Mark Denton, U.S. Army**

U.S. Army War College; Student & Senior  
Intelligence Professional

**APRIL 30**  
THURSDAY, 11:30AM-12:30PM

## **POLITICS & INTELLIGENCE**

**National Political Issues &  
Impact of National  
Security Challenges**

**Mr. Terron Sims**

Current Vice Chair (Membership &  
Recruitment), DNC Veterans  
and Military Families (VMF) Council;  
Former Chair, DNC Virginia

**ALL EVENTS WILL BE PRESENTED IN  
ZOOM.** Detailed schedule of events  
posted online. Please go to the CAST IIO  
webpage for Zoom link and more  
updated details.



THE UNIVERSITY OF ARIZONA

**College of Applied  
Science & Technology**



# MOVING FOCUS: INTEL STUDIES TO IIO

One-on-one with the IIO Director about recent changes in the IIO program

BY IRIS ALMAZAN PROGRAM MANAGER, CAST IIO

---

**C**hange is hard! Or Change is bad! How many of us are all too familiar with those words coming out of our friends, colleagues, or even our own mouths when some aspect of our lives will soon enter a transition period?

Yes, change can be daunting, and come with a bit of uncertainty until all that is new settles...but all change is certainly not bad, especially when the benefits outweigh the pains of transition and are advantageous to our students.

The College of Applied Science & Technology (CAST) is excited to announce the expansion and transition of the Bachelors of Applied Science in Applied Science, emphasis in Intelligence Studies to the Bachelors of Applied Science in Intelligence and Information Operations (IIO), and three option tracks for emphasis which include Operational Intelligence, Information Operations, and Law Enforcement Intelligence.

*We had an opportunity to conduct a face-to-face interview with Mr. Jason Denno, Intelligence and Information Operations Program Director to obtain insight into the genesis behind the changes to the Intelligence Studies program, and gain a better understanding*



of the areas that will be transitioning and how that will affect new and current students.

### **What was the catalyst behind re-building and expanding the program?**

We wanted to change the intelligence studies form a high level conceptual and philosophical program to a practical program where a student would gain actual knowledge, skills and abilities to become employable after graduation. We aim to educate, train, and produce capable intelligence professionals with robust skills.

### **How will the changes affect current students?**

Current students have the option to 1. Stay in their current program with current content, 2. remain in current program and add new content, or 3. move to the new program all together. If the student is considering adding more courses to their degree plan from the new content or move to the new program, I urge them to contact their academic advisor or myself for a detailed discussion on how these changes would affect their graduation projection.

### **For those students who opt to transition into the new IIO program, will classes previously taken under the Applied Science Intelligence Studies program transfer to the new IIO?**

Yes, classes will transfer. All existing content is listed as electives in the new program. However, every transition will be handled on a case by case and include course analysis, and degree mapping to benefit the student. Contact your academic advisor as soon as possible.

### **Will there be new emphasis areas?**

Absolutely! There are three new areas of emphasis: Operational Intelligence, Information Warfare, and Law Enforcement Intelligence. The areas of emphasis will drive the electives, the core requirements for the IIO program are the same across all emphasis areas.

### **When will the IIO degree open for enrollment?**

The new IIO degree is open now for enrollment. Pending all final approvals by the Arizona Board

**“We aim to educate, train, and produce capable intelligence professionals with robust skills..”**

of Regents, the Intelligence Studies program will disestablish in Fall 2020 and the new IIO will establish concurrently. All existing student who choose to remain in Intelligence Studies program will have access to all original content and courses until they graduate.

### **Anything else you would like to add?**

I highly encourage current Intelligence Studies students take the new program content; we will work with the student to ensure they are in the best position to graduate. The content is far more pragmatic and robust to ensure they have all tools to succeed in the intelligence field and intelligence community

Ladies and Gentlemen, there you have it...a new updated, multi-faceted, rigorous curriculum that not only gives you, the student an opportunity to specialize in an intelligence area, but also increases your post-graduation employability by building and improving your practical knowledge, skills and abilities for the job! You see, the glass is not always half empty...it is half-full, and change is not always bad.

For students who are enthusiastic about the new curriculum and want to explore options for transition, contact your academic advisors now. The best of luck on your academic endeavors! 🐾



# THE INAUGURAL SOUTHERN ARIZONA INTELLIGENCE SUMMIT

*THE FUTURE OF INTELLIGENCE*

---

**Friday, October 23, 2020**

**7:30 AM – 7:00 PM**

**University of Arizona**

**Health Sciences Innovation Building**



Explore careers in the  
intelligence community



Learn about the future  
of national intelligence



Meet with national, state and  
industry intelligence leaders

Learn more and register online at

**>> <https://intelligence-studies.azcast.arizona.edu/content/summit>**

*University of Arizona and Community College students are FREE*

College of Applied  
Science & Technology



**APPLIED RESEARCH  
CORPORATION**

# COURSE SCHEDULE FALL 2020

<b>SUBJECT</b>	<b>COURSE</b>	<b>INSTRUCTOR</b>
INTV305	Intro to Intel & Info Operations	Hilliard, C./Nazareth, C.
INTV314	National Security Policy	Hilliard, Christopher E
INTV326	Intro Methods of Intel Analysis	Nazareth, Craig
INTV350	Collection Operations	Hess, James H
INTV433	Armed Conflict & Conflict Management	Schroeder, James W
INTV455	Target-Centric Analysis	Morgan, Cheryl A
INTV471	National Security & Intelligence	Ochs, Krista M
INTV472	History of American Intel Policy	Ochs, Krista M
INTV473	National Security Ops & Issues	Schroeder, James W
INTV493	Intern in Intel & Info Ops	Staff
INTV496	Special Topics in IIO	Hilliard, C./Nazareth, C.
INTV498	Senior Capstone in IIO	Hilliard, Christopher



# **COURSE HIGHLIGHT:** ***SPECIAL TOPICS***

A closer look at Special Topics courses offered in all three available Intelligence & Information Operations tracks.

## **INTV496 SPECIAL TOPICS IN INTELLIGENCE & INFORMATION OPERATIONS (IIO)**

The course content and scope of work will vary depending on the selected special topic. Because the issues within the fields of operational intelligence, law enforcement intelligence, and information warfare move at such a fast pace, this course will examine timely and relevant topics that impact support to federal, state, and local decision makers. Students will be expected to participate in frequent activities based on weekly readings and lectures; writing assignments and practical exercises; knowledge and performance based assessments, and other activities as assigned.





# LANGUAGE IMMERSION & STUDY ABROAD PROGRAM

BY IRIS ALMAZAN PROGRAM MANAGER, CAST IIO

Paulo Coelho, a Brazilian novelist known for *The Alchemist* once said, “If you think adventure is dangerous, try routine, it’s lethal.” Truer words could not have been spoken! Many of us enjoy and thrive with routines, 6:00am morning run, 7:00am shower, 12:30pm lunch, so on, and so forth. Consistency gives us a sense of normalcy and accomplishment, but have you ever considered what you have missed for lack of adventure? Not deviating from your routine in everyday is not a big deal, an increase in domestic terrorism is unlikely if you miss your morning latte at 8:30am.

Now, apply the same concept and picture yourself as intelligence analyst working for the National Security Agency, you are collecting and analyzing data and intelligence on domestic terrorist groups for the protection of our Homeland Security... from a one dimensional mindset. What have you missed?

At the University of Arizona’s Intelligence and Information Operations (IIO) program, we know that real world-experiences enhance mastery of our knowledge, skills and abilities. These include an understanding of foreign languages, global and cultural perspectives, economics, and other critical geo-political issues essential in the development of quality intelligence professionals. As a designated Intelligence Community - Center of Academic Excellence (ICCAE), our students are expected to achieve academic excellence through rigorous, applied, and multi-faceted curriculums that educate and prepare the next generation of intelligence professionals who will support and advance national security.

**“...we know that real world experiences enhances our mastery of our knowledge, skills and abilities. ”**



As an IIO ICCAE scholar, you the student are presented with an annual opportunity for a Language Immersion & Study Abroad scholarship. The Language Immersion & Study Abroad is collaborative venture between the University of Arizona Global Studies Department and the College of Applied Science & Technology. Every year there will be an opportunity for up to five (5) students to participate in the program, which consist of intensive language courses delivered in a face-to-face format and travel to a foreign country for a continued learning experience, the full program may last up to 12 weeks. The scholarship will cover the cost of foreign language instruction and the trip, inclusive of lodging, travel, meals, health insurance, and any country visa fee. The Scholarship will not provide spending money for the students or provide for personal necessities. Students will be responsible for any tuition costs associated with scholarship.

Our projected outcome is simple – through intensive language training, application of language skills, service-based learning, and lectures in a foreign country, the ICCAE scholar will develop a global view, critical thinking and problem-solving skills, basic conversational language abilities, and depart with a deeper appreciation for world cultures and the skills to succeed in the intelligence community.

We encourage all our ICCAE scholars to stay tuned and apply for future Language Immersion & Study Abroad programs. Commensurate with the ICCAE designation as The University of Arizona and CAST establishes a new consortium of local and regional colleges to leverage the resources and opportunities available through the ICCAE grant. Keep checking our webpage for the latest information on the program at:

<https://iio.azcast.arizona.edu/content/study-abroad>

More to follow in the next Dead Drop! 🐱

**“Our projected outcome is simple – through intensive language training, application of language skills, service-based learning, and lectures in a foreign country,...”**



# CURRENT IC SCHOLARSHIP OPPORTUNITIES



## **Louis Stokes Educational Scholarship (STOKES) Program**

Recruit talent early to meet critical needs of national security

DIA offers tuition assistance to undergraduate or graduate students currently enrolled at accredited colleges or universities in academic programs critical to DIA (i.e. computer science, intelligence analysis/studies, etc.). Students will given summer work, and guaranteed employment in their field of study upon graduation. GPA of and 3.0 on a 4.0 scale.

► [dia.mil](http://dia.mil)

## **Undergraduate Training Assistance Program (UTAP)**

Bring diversity through opportunity and education

Offers tuition assistance, summer work, and a guaranteed position in the awardee's field of study upon graduation. Minorities, women are strongly encouraged to apply. UTAP students are obligated to work at the DIA for a period of time that is one and 1/2 times the amount of time they were in school.

► [diajobs.dia.mil](http://diajobs.dia.mil)

## **Science, Mathematics and Research for Transformation (SMART)**

Create innovative ideas to solve global scientific and technological challenges

The National Geospatial Agency (NGA) offers STEM undergraduate and graduate students an opportunity to receive a full scholarship, stipend for living expenses, and employment in the Federal Government upon degree completion.

► [smartscholarshipprod.service-now.com/smart](http://smartscholarshipprod.service-now.com/smart)





# INTEL INTERNSHIPS

## NGA Student Internship Program

Offered to current students in associate, undergraduate, graduate, and post-graduate degree programs. Student will work independent and team oriented work under the guidance of a supervisor and mentors, and based on NGA needs. Applicants are required to obtain and retain a Top Secret security clearance with access to Secret Compartmentalized Information (TS/SCI).

► [apply.intelligencecareers.gov/student-programs](https://apply.intelligencecareers.gov/student-programs)

## DIA Academic Semester Internship Program

Provides undergraduate seniors and graduate students enrolled as full-time degree-seeking students at U.S. accredited universities and colleges the opportunity to gain practical work experience in intelligence analysis while enrolled in classes. The Agency offers a limited number of paid academic semester internships. Interns can be appointed for two semesters (depending on the university calendar) normally beginning in September.

► [dia.mil/Careers-and-Internships/Students/#academic-semester-summer-internship-program](https://dia.mil/Careers-and-Internships/Students/#academic-semester-summer-internship-program)

## National Security Education Program (NSEP)

Promotes language skills, cultural awareness and understanding of national security issues. In collaboration with the National Security Education Program Office, DIA has established a one-year, full-time internship program designed to provide a select number of recent college graduates the opportunity to apply their knowledge and gain practical work experience.

► [diajobs.dia.mil](https://diajobs.dia.mil)



# JOB BOARD

IC agencies and industry partners are looking for future intelligence professionals like you! Below are current positions currently offered in IIO fields. For more job listings, please look at the job search engines on the Career Resources page.



## Collection Data Manager - Entry to Experienced Level (Multiple Locations)

Fort Meade, MD

Pay Plan: GG, Grade: 07/1 to 13/10

Open: 2020-03-17, Close: 2020-05-31

Job Posting: <https://apply.intelligencecareers.gov/job-description/1144700>



## Collection Data Manager - Entry to Experienced Level (Multiple Locations)

Fort Meade, MD

Pay Plan: GG, Grade: 07/1 to 13/10

Open: 2020-03-17, Close: 2020-05-31

Job Posting: <https://apply.intelligencecareers.gov/job-description/114470>



Due to the current issues surrounding the COVID-19 pandemic, some government agencies are experiencing hiring freezes, but will still process applications for hire. Please remain flexible with hiring officials during this time.



# CAREER RESOURCES

Industry employers partners, contractors, federal agencies are looking for the best job candidates to fill a number of critical positions in the Intelligence Community. Below you find some job search tools to assist you in finding you new your career path after graduation.

## U.S. Intelligence Careers

Connect with national intelligence agencies for employment, scholarship and internship opportunities

Great resource to research jobs throughout the Intelligence Community seeking various intelligence and information analysis skills. You can also find the latest scholarships and internships offered year-round.

► [intelligencecareers.gov](http://intelligencecareers.gov)

## USAJOBS

Search career opportunities throughout the federal government job sectors

Widely known and respected job search tool. Find job listings with various government sectors in and out of the Intelligence Community. In addition, this site offers the ability to draft both federal and standard resumes through its internal resume builder.

► [usajobs.gov](http://usajobs.gov)

## Clearedjobs.net & Clearancejobs.com

Use your active security clearance to find that right job that fits your critical skills.

Both sites offer pathways to employment for those students that currently hold an active or current security clearance. Most jobs listed are for federal and contract positions. Create and account and search these offerings.

► [clearancejobs.com](http://clearancejobs.com)  
► [clearedjobs.net](http://clearedjobs.net)



The USAJOBS logo, featuring the text "USAJOBS" in a bold, red, sans-serif font on a white background.



ClearanceJobs®





1140 N. Colombo Ave  
Sierra Vista, AZ 85635

(520) 458-8278  
(520) 626-2422 from Tucson  
[azcast.arizona.edu](http://azcast.arizona.edu)



THE UNIVERSITY OF ARIZONA  
**College of Applied  
Science & Technology**