



# Academic Engagement

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# Academic Engagement (AE)



# NSA Academic Outreach – Nationwide Impacts

NSA Impacting  
the Nation Through  
Academic Engagement

852 **High School Work Study** program applicants nationwide. **Impact:** Introduction to NSA and career pathways.



The **OnRamp II Program** includes four universities with demonstrated deep pool of STEM diversity and mission focused research. **Impact:** Includes scholarships in return for service obligations with NSA, internships, and opportunities for mission focused research.



Over 3,100 students participated in the **Codebreaker Challenge** from 452 colleges and universities around the country. **Impact:** Branding of NSA, introduction to mission challenges & top talent for pipeline.



335 accredited 2 year, 4 year and graduate level institutions that meet the **National Centers of Academic Excellence in Cybersecurity (NCAE-C)** criteria. **Impact:** Alignment of curriculum with NSA and national needs.



NSA funded over \$12 million in **tuition** assistance and over \$30 million in **contracts/grants** to universities and colleges nationwide. **Impact:** Continuous learning for employees and innovation/breakthroughs for the mission.



12 **Visiting Professors** at military service academies and public and private universities across the nation as well as many adjunct faculty. **Impact:** Influence curriculum and academic programs, introduce unclassified mission problems, and identify top talent.



Over 300 **Cyber and/or Language camps** held nationally with over 8,000 students in attendance. **Impact:** Create excitement about language and cybersecurity career pathways.



832 NSA employees dedicated 3,897 hours to inspire over 5,500 **K-12 students** across the country. **Impact:** Excite students about career opportunities in STEM & world languages.





# K-12 OUTREACH

NATIONAL SECURITY AGENCY • ACADEMIC ENGAGEMENT



SPEAKERS BUREAU

CAREER DAYS

STEM & WORLD LANGUAGE EVENTS

JUDGING & COMPETITIONS



Promote STEM and Foreign Language education and career opportunities in these fields



Free services for non-profit educational institutions



Virtual opportunities available



Nationwide reach

# AE Relationship Roadmap



## **National Centers of Academic Excellence (N-CAE):**

Designates institutions with recognized degree programs focused on cyber defense, operations, and research & affords opportunity for scholarships and grants.



**Educational Partnership Agreements (EPA):** Enables Agency professionals to teach and assist with the development of STEM courses and activities, provide career advice and engage in collaborative research projects.



**Cooperative Research and Development Agreement (CRADA):** Allows the Agency to provide personnel, services, facilities, equipment, intellectual property, or other resources for interactions.



- Scholarships, internships, and co-op programs
- Sabbaticals, Visiting Professors, and Academic Liaisons
- Contracted mission research
- Critical skills pipeline partner

# Live Case Presentations



**Business  
Law**  
(contracts)

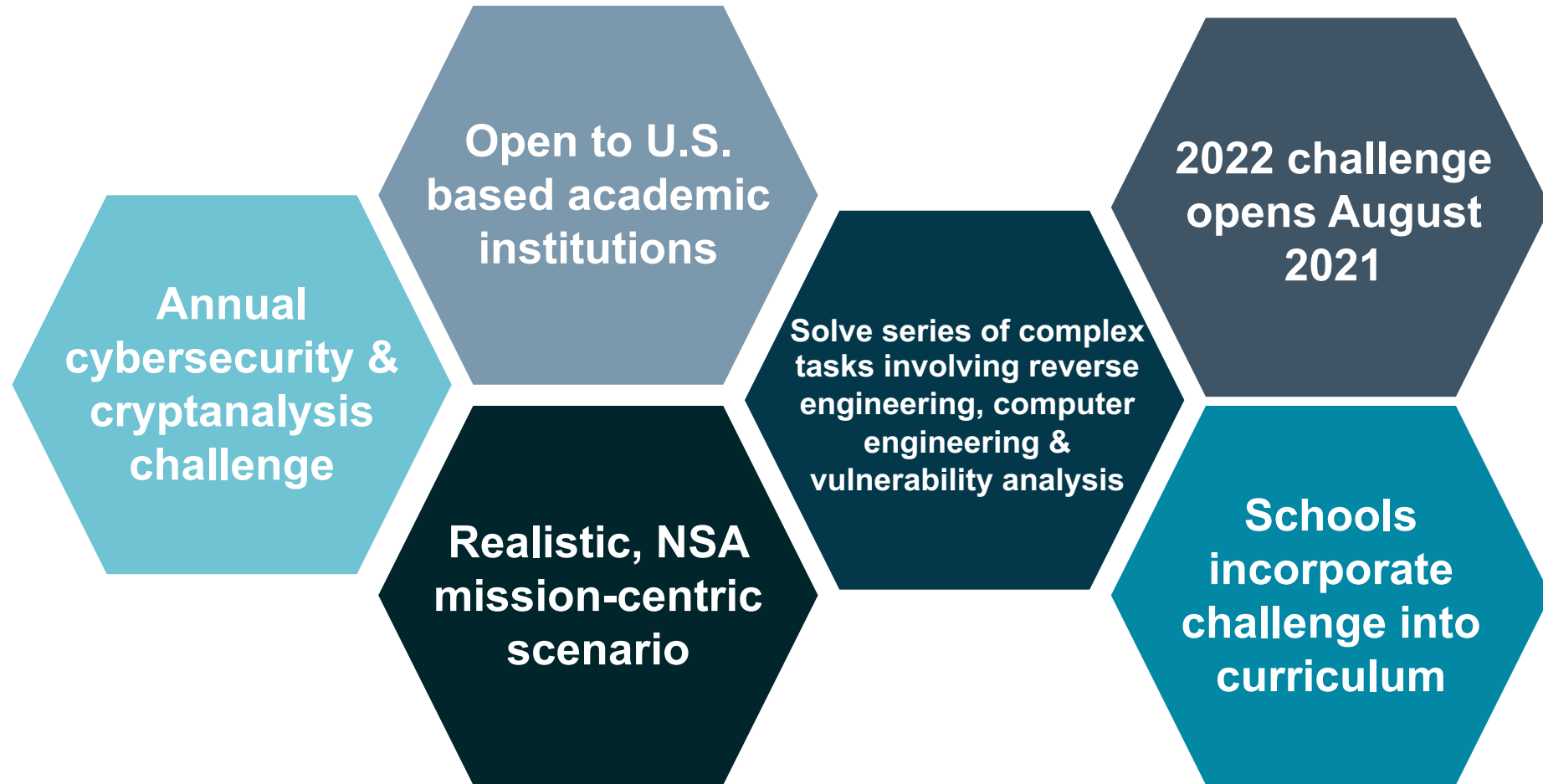
**Red vs.  
Blue:  
Attack &  
Defend**

**Civil Liberties,  
Privacy &  
Transparency**

**Business  
Communications**

**Experiential Learning**

# Codebreaker Challenge



**CODEBREAKER** CHALLENGE

# For more information

- Academic Engagement: [www.nsa.gov/resources/student-educators](http://www.nsa.gov/resources/student-educators) or [pajock@uwe.nsa.gov](mailto:pajock@uwe.nsa.gov)
- GenCyber: [GenCybe@nsa.gov](mailto:GenCybe@nsa.gov)
- Startalk: [Startalkgrants@nsa.gov](mailto:Startalkgrants@nsa.gov)
- NCAE: [www.nsa.gov/resources/student-educators/center\\_academic\\_exellence/](http://www.nsa.gov/resources/student-educators/center_academic_exellence/)
- Codebreaker: [nsa-codebreaker.org](http://nsa-codebreaker.org)
- High School Work Study & Internships: [www.intelligencecareers.gov/icstudents.html](http://www.intelligencecareers.gov/icstudents.html)