

National Centers of Academic Excellence IN CYBERSECURITY

ABOUT THE PROGRAM

The National Centers of Academic Excellence in Cybersecurity Education (NCAE-C) program **focuses on educating a diverse cybersecurity workforce to meet the needs of the Nation**. The National Security Agency (NSA) designates regionally accredited institutions that meet academic and institutional requirements established in collaboration with federal partners and participating institutions in three designations:



The **CAE-Cyber Defense (CAE-CD)** designation is focused on a cybersecurity workforce to meet the needs of the government, industry and academia. This designation is available to programs of study resulting in Associates, Bachelors or Graduate degrees or certificates



The **CAE-Cyber Operations (CAE-CO)** designation focuses on specialized cyber operations skills to enhance the national security posture of the Nation. The designation is available to four-year and graduate programs of study based in computer science, electrical engineering or computer engineering, have a technically-deep degree program, or a collaboration between two or more of these departments



The **CAE-Research (CAE-R)** designation recognizes programs that integrate cyber research into curriculum, and facilitate government-academic research exchanges. CAE-R institutions must hold a Carnegie R1 or R2 rating.

Visit www.nsa.gov/resources/educators for more information about academic and institutional requirements for designation

WHY BECOME A NCAE-C?

- Receive **national recognition** for the institution's cybersecurity program and curricula
- Ensure student confidence in degree programs as a top choice to develop the **necessary knowledge and skills to succeed in cybersecurity workforce**
- Serve as a source and facilitator for **government-academic researcher exchanges**
- Join the CAE community of cybersecurity professionals, educators, researchers and advocates to **grow the cyber field and develop a collaborative network with top schools**
- **Qualify to compete for students scholarships and grants** through the Department of Defense Cyber Scholarship Program (CySP) and CyberCorps Scholarship for Service program managed by National Science Foundation

2023 CAE-C's by the numbers:

There are 408 NCAE-C designated institutions In 48 states, D.C. and Puerto Rico as of May12, 2022.

* Institutions may hold multiple CAE-C designations

372

CAE-CD
CYBER DEFENSE

78

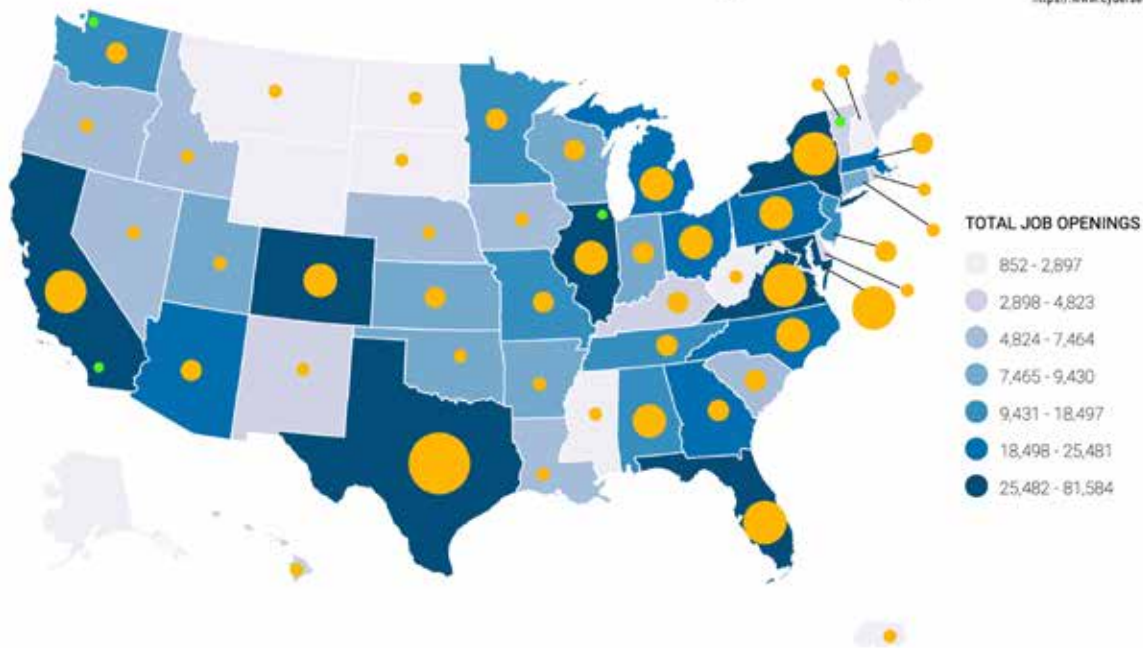
CAE-R
RESEARCH

20

CAE-CO
CYBER OPERATIONS

2023 National Cybersecurity Workforce Gap

<https://www.cyberseek.org>



CAE-C National Community

The mission of the Centers of Academic Excellence in Cybersecurity (CAE-C) Community is to provide a constructive exchange of relevant information, ideas, and events by CAE Institutions including critical resources, research, and workforce development.

CAE-C DESIGNATED FACILITIES GROWTH

1 - 6 7 - 13 14 - 20 21 - 27 28 - 33



NCAE-C National Centers

- **CAE-C National Center:**
California State University, San Bernardino, CA
- **Candidates National Center:**
Whatcom Community College, WA
- **Career Preparation National Center:**
Norwich University, VT
- **Education Pathways National Center:**
Moraine Valley Community College, IL

The National Security Agency's federal partners are the Federal Bureau of Investigation (FBI) and the Cybersecurity and Infrastructure Agency (CISA).

The NCAE-C program office regularly collaborates with federal agencies such as National Institute of Standards and Technology (NIST), National Initiative on Cybersecurity Education (NICE), National Science Foundation (NSF), Department of Defense Office of the Chief Information Officer (DoD-CIO), Office of the Director of National Intelligence (ODNI) and others to actively engage in solutions to challenges in cybersecurity education, de-conflict investments and opportunities and ensure harmony of strategic objectives.

For more information or details on the program visit:

www.nsa.gov/resources/educators/centers-academic-excellence

Questions? Email caepmo@nsa.gov