Runways to Rome

17th Annual International Conference on Cyber Warfare and Security

March 17, 2022
In the next five years, Innovare will **boldly transform** the Rome ecosystem into a global destination for the world’s leading scientific and entrepreneurial talent to tackle the country’s greatest challenges to national security and economic competitiveness.

**Goal 1:** Build Rome’s runway to the world by engaging a global community of **100 diverse partners** to introduce game-changing capabilities built on Air Force core strengths in Artificial Intelligence/Machine Learning, Quantum, Cyber & Unmanned Aerial Systems.

**Goal 2:** Advance the economy with **100 entrepreneurial ventures** and tech startups.

**Goal 3:** **Elevate by 10%** our community’s intellectual leadership in Artificial Intelligence/Machine Learning, Quantum, Cyber & Unmanned Aerial Systems.

Emerge as a global catalyst to converge world-class talent with cutting edge facilities and focused technology challenges to accelerate the development of game-changing capabilities that protect and empower our Country.

**STRATEGIC PARTNERS**
GRIFFISS INSTITUTE is a STEM Talent + Technology Accelerator for AFRL
OUR MISSION

The Griffiss Institute aims to develop the next generation of STEM talent and defense technologies that will strengthen U.S. national security and create economic opportunity for our region, state and nation.

We elevate TALENT
We empower INNOVATION
We enable EXPERIENCE
How does the Griffiss Institute accomplish its mission in partnership with AFRL/RI?

Talent Development
- Visiting faculty
- 259 Visiting Faculty
- Internships
- 872 Student Interns

Technology Development
- STEM Programs
- 508 STEM Camp Grads
- 37 AFBs + DOD Labs
- Academia
- 213 Universities
- 20 Countries
- 123 EPA

Commercialization
- Industry
- T2 Support
- 85 CRADA
- 12 CTA
- Startup Development
- 62 Comm Academy
- 47 Incubator Grads

Reporting Period: 2016-2021
Program Partnerships

VCE ROY

AFRL

INNOVARE

INNOVATION

INSTITUTE

MC

CANTINA

INNOVARE

ASPIRE

STEM

MASS CHALLENGE

ACE

HUSTLE

LEGACY
2022 ACE Program
A combination of *intense coursework* and *internship experiences*.

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<td>8 mile run</td>
<td>ACE Lecture</td>
<td>Leadership</td>
<td>Research</td>
<td>Ldr Perspectives</td>
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<td>Team presentations</td>
<td>Challenge Problem</td>
<td>Research</td>
<td>Research</td>
<td>Operation</td>
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<td>ACE Lecture</td>
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Work on challenge problem, write report, build mission infrastructure

Participants receive 180 hours of direct instruction, 12 credit hours
ADVANCED COURSE IN ENGINEERING
Cybersecurity Bootcamp

Forging Cyber Warriors & Leaders of Consequence
ACE immerses participants in the cybersecurity discipline through a combination of intense course work and internship experiences.

Attendees in ACE are ambitious. They push their limits and devote 80+ hours a week to ACE related activities during this life changing experience.

Learn from the Best.
Participants attend twelve hours a week of graduate level lectures on cybersecurity topics from academia, government, and industry experts.

Train to Win.
Each week ACE interns execute a multidomain operation in a rich cyber and kinetic battlespace. These distributed operations combine cyber expertise with operational planning skills and warfighting fundamentals to translate operational end states into tactical actions.

Develop and Discover.
ACE interns contribute to cutting edge research and development programs with a dedicated mentor to enhance the technical superiority of the Air Force and DOD community.

ACE products improve Air Force cyber capability. They deploy to major exercises and integrate with operations.

Push Your Limits.
Develop yourself as cyber professional and officer. The ACE provides a stipend, travel, and lodging to all participants.
afrl.ace@us.af.mil
www.ace-cyber.com
Capture the Flag, meet Satellite
2,912 players made up
1,070 team representing
75 countries and competed for
30 hours
SHOW US YOUR HUSTLE
HELPING UPSTATE SCIENCE + TECHNOLOGY LEADERS + ENTREPRENEURS

GOOD THINGS HAPPEN TO THOSE WHO HUSTLE
Find Us on Social Media

Come for a Visit