



University of Maryland

Applied Research Laboratory for Intelligence and Security (ARLIS)



APPLIED RESEARCH LAB
FOR INTELLIGENCE AND SECURITY

Overview

MAY 2026

Outline

WHO WE ARE

WHAT WE DO

**PROGRAMS &
PARTNERSHIPS**

Who We Are

ARLIS is part of the University of Maryland, College Park

41,700+ students

12 schools and colleges

107 undergraduate majors, **120** masters programs
and **84** doctoral programs

→ **Largest computer science undergrad program**

→ **Top programs in AI (vision, NLP), HCI, data viz,
quantum, foreign language, entrepreneurship**

\$1.4 billion combined research expenditures
w University of Maryland, Baltimore

No. 10 among public universities by Forbes' Top
Public Colleges

1 of 12 institutions that make up the University
System of Maryland



A University-Affiliated Research Center

One of only 15 UARCs nationwide, ARLIS was made a UARC through the **Office of the Undersecretary of War for Intelligence and Security** to serve as a trusted government partner

- 1 Provide access to applicable universities engaged in applied research with a strong basic research foundation
- 2 Ensure that essential engineering and technology capabilities of particular importance to the Department are maintained
- 3 Offer a unique arrangement of basic and applied research technical expertise within one organization; and are only approved by USW(R&E) and established after a rigorous requirements review and competitive selection process

What We Do

ARLIS Expertise & Focus Areas

ARLIS leverages these areas of expertise to address mission-area challenges

Operational Innovation & Information

Research and Development in Human, Cultural, and Social Systems Applied to Intelligence and Security Missions

Intelligent Human-Machine Systems

Applied Artificial Intelligence, Autonomy, & Augmentation to Improve Performance for a Range of Intelligence and Security Missions

Advanced Computing & Emerging Technology

Advanced Computing and Emerging Technologies to Enable Asymmetric Advantage in Intelligence and Security

Maryland Institute for Quantum Applications

MIQA@ARLIS identifies, analyzes, and matures quantum technology applications critical to national security and intelligence

National Foreign Language Center

NFLC@ARLIS develops and delivers innovative solutions for language training, assessment, cross-cultural immersion, and linguistic analysis

Spectrum of ARLIS Work

Research	Engineering and Development	Test and Evaluation	Mission Integration
“Help me understand the phenomenon”	“Help me get the capabilities I need”	“Help me know which capabilities to trust”	“Help me employ new capabilities in more impactful ways”
Experimentation, Studies & Analysis	Systems & Prototypes	V&V & T&E, Trusted Assessments	Operational Support, Tactics, Techniques, & Tradecraft

Programs & Partnerships

Strengthening the **Intelligence & Security University Research Enterprise (INSURE)**

APPLIED RESEARCH LABORATORY FOR INTELLIGENCE AND SECURITY





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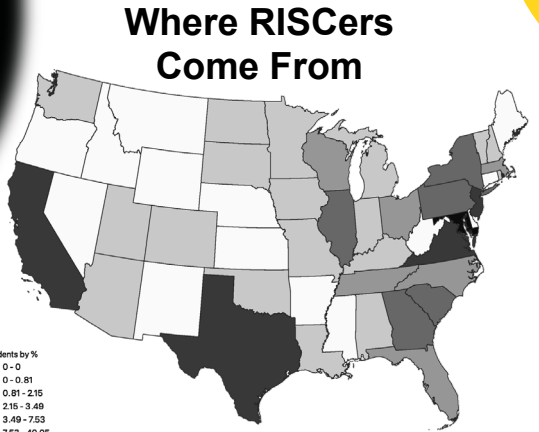
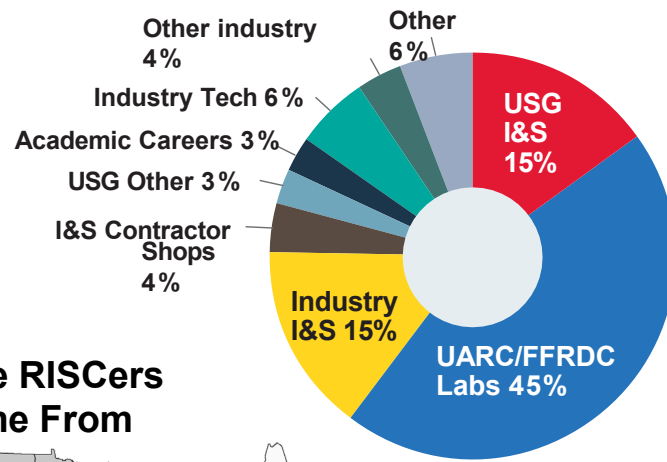


Research for Intelligence & Security Challenges

Innovation Sprints powered by top students across the country

2026 PROGRAM SPECS

- 46 mission-critical projects requested by 17 DoD/IC customers
- 110 students from 56 institutions selected from 803 applicants from over 100 institutions
- 77 undergrad, 17 MA/MS, & 16 PhD students
- 48 outside the National Capital Region
- Over 400 positively adjudicated for clearances since 2022



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