

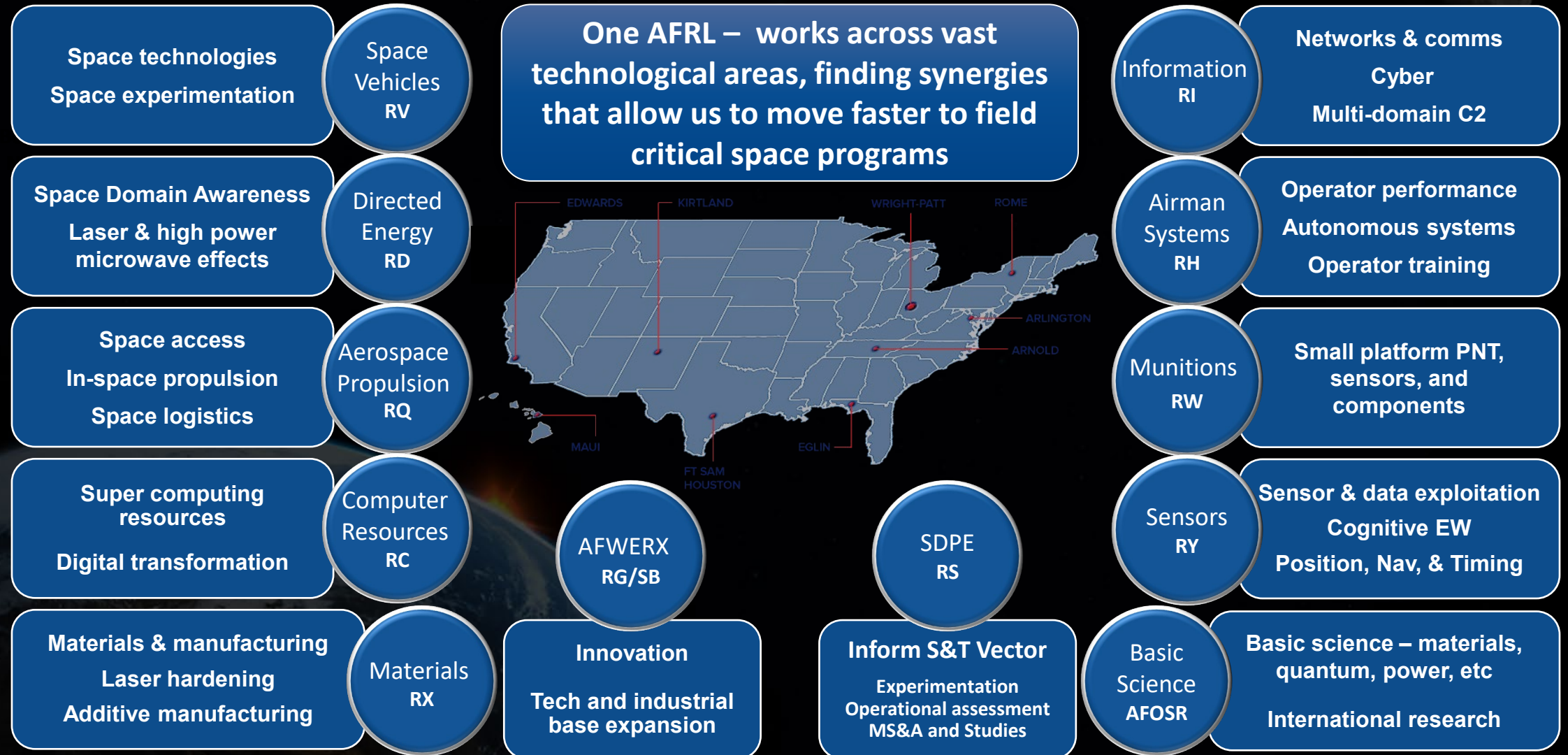


AFRL

AFRL DEPUTY TECHNOLOGY EXECUTIVE OFFICE FOR SPACE OVERVIEW

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AFRL'S EXPANSIVE SPACE PORTFOLIO



UNDERLYING TENETS FOR ONE AFRL-TWO SERVICES

- Today's threat requires multi-disciplinary solutions
- Cross-discipline collaboration enhances outcome
- AFRL has deep, strong space history expertise
- Eliminates duplication and reduces overhead to optimize and stretch limited research funding
- Leverage shared lab facilities, test assets, tools
- Enables robust, multi-domain Digital Enterprise
- Established Deputy TEO for dedicated support
- Efficient, agile, and collaborative engagement

**Best return on investment for limited
Department of the Air Force resources**



THE AIR FORCE RESEARCH LABORATORY

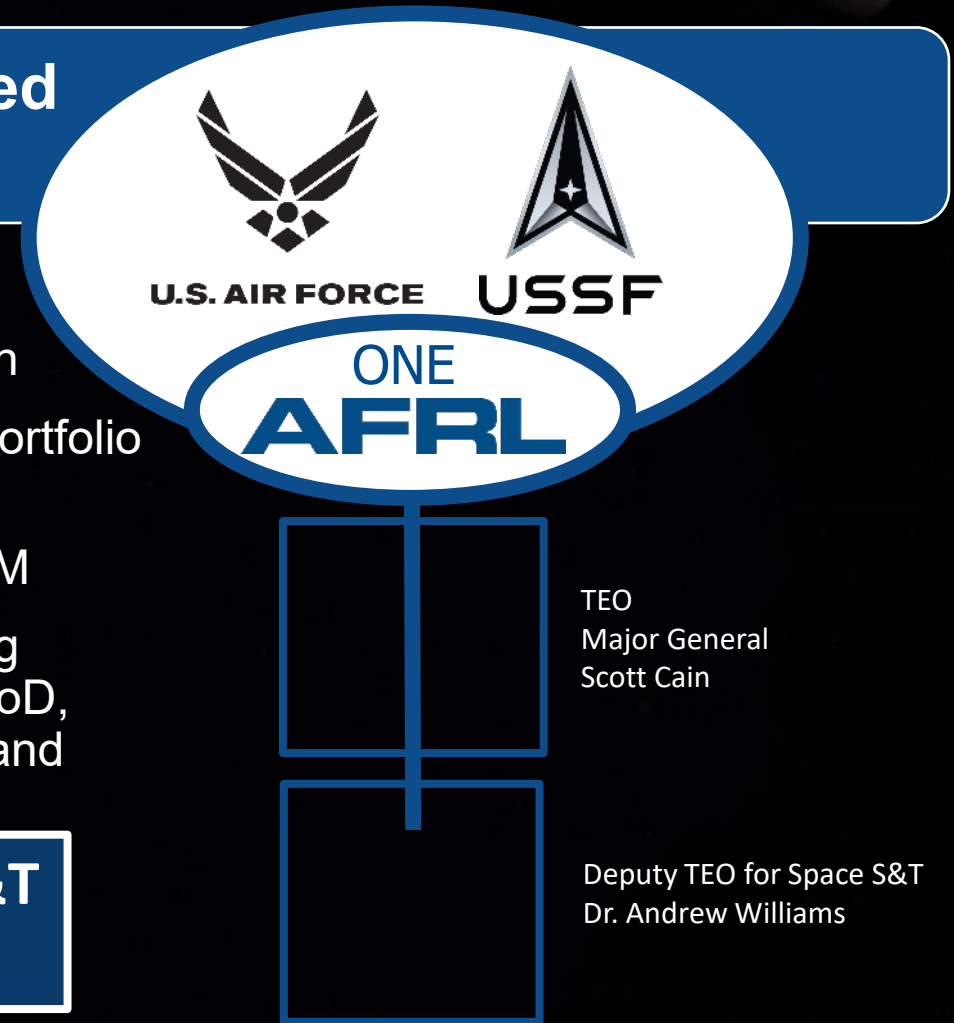


TEO & DEPUTY TEO FOR SPACE – FOCAL POINTS FOR USSF S&T EXECUTION

Emphasizing the path for space-focused science and technology programs

- Determining Space S&T needs and priorities
- Developing and maintaining Space S&T strategic plan
- Providing direction and oversight of the Space S&T portfolio across executing organizations
- Developing the Space S&T element of the USSF POM
- Interacting, coordinating, collaborating, and partnering across the larger Space S&T community within the DoD, industry, private sector, other government agencies, and international

Integrate and execute the Space S&T portfolio across AFRL



SPACE MAL ROLES AND RESPONSIBILITIES

- Advance customer engagement and serve as the primary AFRL interface to external stakeholders
- Coordinate across the Space Force and partner organizations to develop prioritized tech needs and capability gaps
- Work with AFRL Chief Technologist and Deputy TEO to develop a cross-directorate investment strategy and roadmap to meet USSF needs

Kirtland AFB



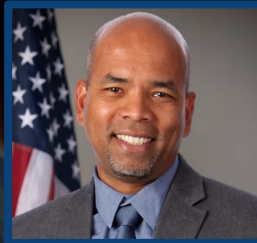
Space Spectrum Warfare
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Space Mobility & Logistics
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Space Security & Intl Partnerships
Mr. Ron Caton

Wright-Patterson AFB



Space Superiority
Ms. Rebecca Rothstein

SPACE MAL TECHNICAL AREA BREAKDOWN



Space Domain Awareness

Terrestrial and on-orbit Space Domain Awareness, Space Environment Monitoring

Space Mobility and Logistics

Launch, In-Space Propulsion, In-Space Servicing and Logistics, In-Space Assembly and Manufacturing

Space Spectrum Warfare

Comm, Space Data Transport, PNT, EM Spectrum Operations

Spaced-Based Sensing

Surveillance, Reconnaissance, and Tracking (SRT), Missile Warning

Space Security & International Partnerships

International Agreements/Partnerships, Space Policy

Space Superiority

Space Control, Battle Management, Cyber



Technical areas aligned to
Space power: Doctrine for Space Forces

DTEO CONTACT INFORMATION

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