

CALL FOR ABSTRACTS



2019 INNOVATORS' SHOWCASE

Where Technology Furthers National Security

May 2, 2019 | McLean, VA

PRESENTED BY



ISO: Independent Research and Development Projects to Support National Security Initiatives

Submit an abstract to present your IR&D projects with national security applications at the *2019 Intelligence and National Security Alliance (INSA) Innovators' Showcase*. Held in partnership with the Office of the Director of National Intelligence, this event exposes key S&T and procurement officials from across the DOD and IC to bleeding-edge innovations from industry and academia.

Areas of interest include:

- ▶ CHEM/BIO DEFENSE
- ▶ INFORMATION SECURITY AND ASSURANCE
- ▶ NETWORKING AND HIGH-PERFORMANCE COMPUTING
- ▶ NUCLEAR
- ▶ PERSONA AND IDENTITY MANAGEMENT
- ▶ TRADITIONAL MISSION AREAS
- ▶ OTHER GAME-CHANGING IDEAS

***All abstracts, regardless of selection, will be posted on the ODNI's R-SPACE.**

Up to 24 submissions will be selected for inclusion in the Innovators' Showcase, taking place May 2 in McLean, VA. Presenters at this one-day exhibition will deliver brief, 8-minute pitches to more than 70 senior government S&T leaders and procurement leaders, whose mission and application needs may provide future funding opportunities.

Key reasons to submit an abstract

1. Exposure to senior S&T and acquisition officials from ODNI, IC agencies and DOD organizations.
2. Valuable feedback on your specific solution, as well as insights into future needs of IC and national security decisionmakers.
3. Establishing important relationships with government influencers and industry innovators.
4. Positioning as an accelerator of transformative research, innovative ideas and experimental concepts.

Abstracts should be one-page, unclassified and nonproprietary. **The submission deadline is COB on Monday, March 4, 2019.** Learn more at www.INSAonline.org/showcase.

Questions?

Contact INSA at +1.703.224.4672 or send inquiries to showcase@INSAonline.org.

PARTNER ORGANIZATIONS



AREAS OF INTEREST

CHEM/BIO DEFENSE

Prevention of deadly chemicals and pathogens

Innovations that create higher barriers to the creation of biotechnology that can have catastrophic effects, whether intentional or not.

Detection of deadly chemicals and pathogens

Innovations that rapidly and accurately identify harmful biotechnology and share information with necessary partners.

TRADITIONAL MISSION AREAS

Core Intelligence Functions

Innovations that address pressing challenges related to traditional mission areas that represent a significant threat to the U.S. and our partners. Examples include signals and imagery sensing; tagging, tracking and locating (TTL); identifying financial transactions associated with terrorism; combating non-nation state actors; and counterintelligence priorities such as preventing foreign influence operations.

Global Supply Chain

Innovations that improve our ability to detect counterfeit components, identify risks inherent in the supply chain, or help ensure compliance with supply chain risk mitigation requirements.

PERSONA AND IDENTITY MANAGEMENT

Social Media

Innovations relevant to protecting or removing anonymity utilizing social media, internet-connected data stores, and other assets associated with life in a fully digital world.

Ephemeris Identity Telemetry

Innovations in identifying characteristics such as biometrics, geolocation, digital signatures, and geo-environmental association.

NUCLEAR

Unauthorized Nuclear Proliferation Prevention

Innovations that create a cost imposing hindrance to the development or weaponizing of atomic energy.

Nuclear Detection

Innovations that increase the likelihood of detecting nuclear fissile materials, or trace agents, present in a wide variety of materials.

Nuclear Standards/Treaty Compliance

Innovations that improve the efficiency of missions tasked with verifying compliance with international agreements related to the production or destruction of nuclear weapons.

INFORMATION SECURITY AND ASSURANCE

Encryption

Innovations in cryptographic science capable of being deployed in both offensive and defensive mission capacities.

NETWORKING AND HIGH-PERFORMANCE COMPUTING

High Performance Computing

Innovations that enable high-performance computing through the utilization of disparate and discrete platforms that participate in a private or detached cloud environment.

Next Generation Architectures

Next generation computer architectures or platforms capable of achieving computational scale beyond that of current conventional systems.

Internet of Things (IoT)

Innovations within IoT that create new and/or novel capabilities to sense presence, geolocation, changes in atmospheric conditions, human attributes for identity management, systemic activity, changes in inertia/movement, presence and location of energy (RF, nuclear, phonic), and presence of matter (molecular, biological, chemical, etc.).

OTHER GAME CHANGING IDEAS

If you have innovative research that is germane to helping sustain U.S. technological advantage or has the potential to enable a cost imposing strategy on adversaries of the United States and its allied nations, we encourage you to submit an abstract.

SUBMISSION REQUIREMENTS

Send a cover letter, one-page unclassified research project abstract, and biographical sketch to showcase@NSAonline.org no later than **Monday, March 4, 2019**.

COVER LETTER

Include the title of the abstract and the name, address, phone number and email address of the principal investigator (PI) and, as appropriate, the co-PI.

Identify your sponsoring corporation/institution, specific IR&D or investment project, and relevant Showcase topic of interest (listed above).

ABSTRACT

Members of INSA, partnering organizations and academic institutions may submit abstracts at no cost. Others may submit an abstract for a fee of \$300.

Abstracts are limited to one page in 12-point font, and should lead with the title of the project, a brief discussion of the national security challenge, desired outcome(s), and the project's specific aims or hypothesis(es). Include a concise overview of the research design including methods, schedule, and progress to date.

We also recommend including plans for data analysis and/or future research areas and ongoing related research (internal or external to submitting organization).

Please be sure to include project size, duration and progress information. Submissions must be unclassified and cannot contain any proprietary information.

BIOGRAPHICAL SKETCH

No more than one-page background on the PI and any co-PIs.