

MITRE Insights

“Know what MITRE knows”

ABOUT MITRE



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MITRE tackles complex challenges with no commercial interest.

Together with government and public private partnerships, we work to improve the safety, stability, and well-being of our nation.

We apply systems thinking to solve complex national and global problems, bringing an interdisciplinary perspective to R&D.

We operate six federally funded R&D centers, as well as MITRE Labs and an independent research program.

65+ LOCATIONS
WORLDWIDE

9,000+
EMPLOYEES

60+
YEARS

260+ PATENTS



**MITRE-OPERATED
FFRDCs**

Center for Advanced Aviation
System Development

Center for Enterprise Modernization

Health FFRDC

Homeland Security Systems Engineering
and Development Institute™

National Cybersecurity FFRDC

National Security
Engineering Center

MITRE INSIGHTS



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**MITRE
Insights helps
you know
what MITRE
Knows**

MITRE Insights is...

A cross-knowledge asset platform using AI/ML for deriving insights and gathering knowledge to support work shaping and leverage related work

What can you use it for?

New business development

Project work shaping

Find domain POCs & leaders

Research at project initiation

Onboarding team members to a project



Is there work or capabilities I can leverage in this area?

Does MITRE have expertise in this area?
Who can I talk to?

Are there external opportunities or influences I should know about?

IBM Watson with custom front end

Discover high value knowledge content & relevant people

Semantically enriched

Natural Language search

42 Topic dictionaries

The screenshot shows the MITRE Insights web application. At the top left is the MITRE logo with the tagline "NEW & EVOLVING! SHARE YOUR FEEDBACK". On the top right are links for "HOME" and "BOOKMARKS". Below the header is a search bar with the placeholder text "Search by keyword or phrase". Underneath the search bar is a note: "Powered by Watson's NLP. Results are less curated than the topic areas below. Further optimization coming soon! Learn how to get the best results". To the right of the search bar is a call to action: "Enables effective work shaping, opportunity development, and reach back." Below this are links for "Give Us Feedback", "Contact Us", "Join Slack Channel", and "View Dictionaries". The main content area is titled "Browse curated topic areas" and is divided into two columns. The left column has two main categories: "Artificial Intelligence" and "Healthcare". Each category has a list of sub-topics. The right column is titled "More Tech Topics" and features a grid of icons representing various technology areas: Non Traditional Data (marked as "New!"), Synthetic Biology, Advanced Manufacturing, Microelectronics, 5G Broadband, Blockchain, BlueTech, Communications & Networks, Cryptocurrency, and Quantum Computing.

MITRE Insights
NEW & EVOLVING! SHARE YOUR FEEDBACK

HOME BOOKMARKS

Search

Search by keyword or phrase

Powered by Watson's NLP. Results are less curated than the topic areas below. Further optimization coming soon! Learn how to get the best results

Enables effective work shaping, opportunity development, and reach back.

Give Us Feedback | Contact Us | Join Slack Channel | View Dictionaries

Browse curated topic areas

Artificial Intelligence

- Artificial Intelligence General
- Autonomy & Robotics
- Computer Vision
- Knowledge Representation & Reasoning
- Machine Learning
- Natural Language Processing
- Generative AI (New!)

Healthcare

- Healthcare General
- Electronic Health
- Health Informatics
- Health Insurance
- Health Policy
- Health Quality Management
- Healthcare Payment
- Mobile Health
- Pandemic
- Public Health
- Healthy Aging
- Health Equity
- Telehealth
- Wearables

More Tech Topics

- Non Traditional Data (New!)
- Synthetic Biology
- Advanced Manufacturing
- Microelectronics
- 5G Broadband
- Blockchain
- BlueTech
- Communications & Networks
- Cryptocurrency
- Quantum Computing

9 "Swimlanes" by
 People
 Research
 Projects
 Work Products
 Policy Products
 Public Products
 Capabilities
 Grants
 Executive Orders

The screenshot shows the MITRE Insights search results for "Artificial Intelligence". The page features a navigation sidebar on the left with categories like IMPACT CAMPAIGNS, TRANSPORTATION, ARTIFICIAL INTELLIGENCE, TECHNICAL TOPICS, and HEALTH. The main content area is divided into three sections: "Technical Points of Contact Ready to Help You (15)", "MIP Research Projects (378)", and "Direct and Indirect Projects (455)". Each section displays a grid of project cards with details such as project titles, descriptions, and project leaders.

This block shows a grid of smaller project cards, likely representing a secondary view or a different set of search results. Each card contains a title, a brief description, and a project leader's name. The cards are arranged in a grid format, similar to the main search results page.

Holistic Discovery Experience

Passages

People Connections

Other Ways to Discover

< Back to all Search Results

Public Release Collection

Presentations, Papers, Articles, Formal Reports, Books, Dissertations/Thesis and Fact Sheets that have been cleared for public release [2017 - present]. MITRE Insights is still in its early stages and further optimization is coming soon. Let us know what you think of these results by clicking the "Give Us Feedback" button on the right.

Playing Offense and Defense with Drone...

Playing Offense and Defense with Drone Cybersecurity Threats TBONE, Tesla, and Technological Threats In October...

Author(s)
Kate LaRue Esprit

Top Passages

U.S. Mayors and County Officials: Drone Discussion...

Background FAA, at the request of members of Drone Advisory Committee, asked Stanford and to...

Author(s)
Dr. Michael Guterres

Top Passages

A HOLISTIC APPROACH FOR ASSESSING DRONE BENEFITS,...

Introduction Youve seen the videos, watched the news reports, heard the stories drones performing a...

Author(s)
Jon L Semanek

Top Passages

First Responder Drone Innovation

objective collaboration to solve large scale problems in ways that affect us all, every day. These unique...

Author(s)
Dr. Steve King

Top Passages

From Playgrounds to Battlefields, MITRE Helps...

Author: Bradley Hague TITLE: From Playgrounds to Battlefields, Helps Sponsors Shape Our Uncrewed Flying Future...

Interested in educating the public about **drones** in a positive way, to improve public expectations and assumptions Eager for **drone** identification capability. Want inexpensive solutions for local law enforcement to identify and track **drones** (e.g., smartphone app) Want easy way to tell the difference between types of **drone** operations (e.g., recreational vs. real estate vs. news gathering

Get it in Minutes: A Case Study on...

Abstract The use of small unmanned aircraft systems (sUAS) technologies (i.e., drones) as a promising...

Author(s)
Dr. Scott Kell

Top Passages

Proving the Safety Case to Expand Drone-Based...

Proving the Safety Case to Expand Drone-Based Benefits Drones can support a multitude of missions...

Top Passages

Top Passages Matching Your Search or Topic Area

... public perception that all **drones** are spying on them Enforcement Concerns about difficulty of catching errant **drone** operators Concerns about how to tell good guy from bad guy operator Liability Liability concerns if local **drone** laws are passed and bad things happen Liability concerns if local government operates **drones** for public use and bad things happen Children Concerns about how to manage **drones** being operated and registered by children Preemption Concerns that

... | Major Findings Jurisdiction: Local governments want jurisdiction over low-altitude **drones** in their geographic areas Enforcement: Local officials expect to be responsible for enforcement of **drone** laws Outreach: Local officials want to be included in national decision making about **drone** laws, or at least have input Education & Training: Local officials and law enforcement feel they need **drone**-related education, training, and outreach Concerns: Most significant concerns about **drones** in their communities are safety, security, privacy, difficulty

Maria M. Espinosa
Health & Life Sciences,
Senior Manager

L222 - Health Systems &
Strategy

Technical Role(s)
Decision Science (Decsi) Innovation
Area Lead + 1 more

Top Passages

Other ways to Discover

People Search →
Search all people with keywords and meta-data filters

Org Search →
Search all organizations with keywords and meta-data filters

Org Overview →
Explore a visualization of all MITRE organizations

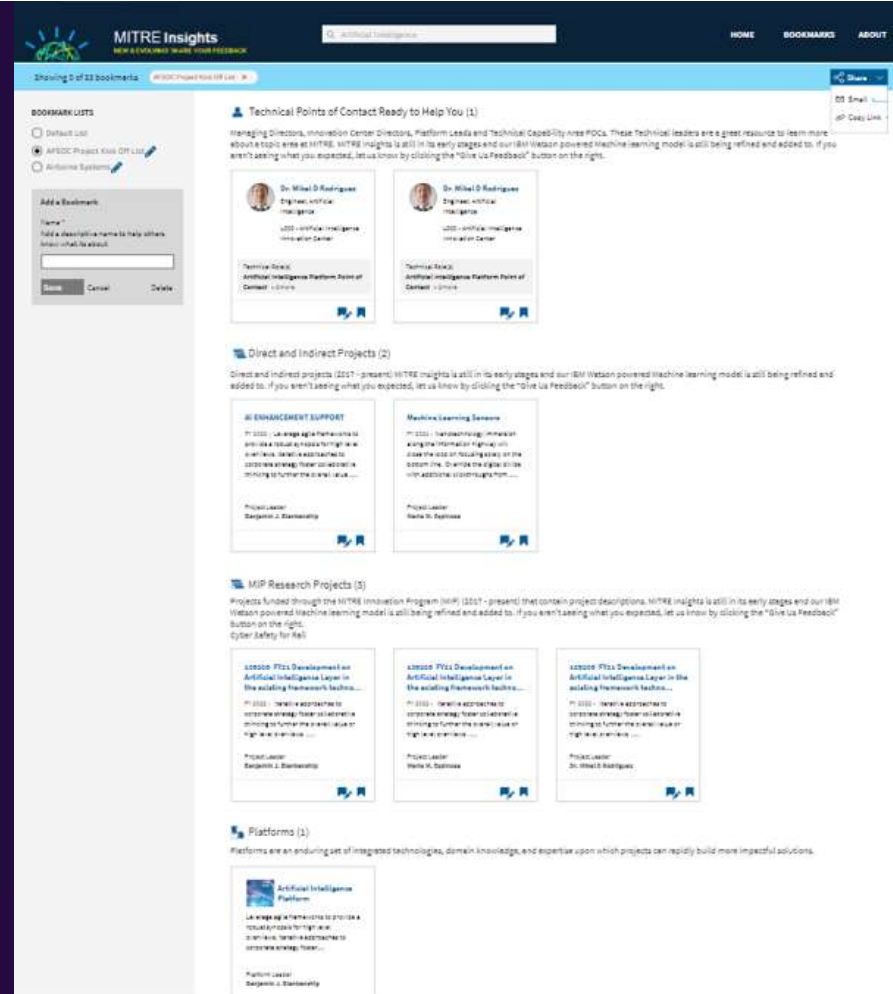
Holistic Discovery Experience

Shareable Bookmark Pages

Not shown

Intelligent Applications Hub on Home Page

Integration with ChatGPT coming soon



One of our Cybersecurity Engineers noted that

“I was able to use Insights to find help and bring the full force of MITRE to bear for a sponsor task. This sped up the learning curve and ensured we had the widest view on a project. We found SMEs from multiple departments to look at the problem more holistically. The sponsor was happy with that. They expect that when they work with MITRE on a project, they will have the full weight of MITRE behind them, even if the solution is narrowly scoped.”

Summary

- Advancing our Intelligent Enterprise
- Continuing to deliver more data, topics, and integration
- Positioned for integrated Generative AI (in progress)