

7 January 2021

# MITRE Bridging Innovation Newsletter

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Our MISSION is to build pathways to discover, accelerate, and deliver innovation from non-traditional sources to solve national problems.

## NEWS

### Addressing Health Equity and Improving Access to Care



MITRE's Bridging Innovation team is excited to announce another year partnering with MassChallenge HealthTech (MCHT)! MCHT is an innovation accelerator that specializes in pairing entrepreneurs with industry champions to provide start-ups with a range of advisory and financial supports to help them succeed in their line of business. MassChallenge partnered with the ...

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### Evaluating Assurance of Autonomous Vehicles



Robots are increasingly playing an important role in applications ranging from manufacturing and construction to surgical robotics. Due to the critical nature of many applications, it is important for the industry to accelerate developing solutions and good practices that address cybersecurity for robotics. The Cybersecurity for Robotics (CSfR) Conference on December 17-18 played an important role in ...

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## Spotlight on Andy Chapman: Leveraging Bridging Innovation

When Andy Chapman joined MITRE four years ago as a retired Marine, he started working on unmanned systems, a completely new area to him. When he talked about his 3D printing hobby during his interview, he had no idea it would turn into a specialty in advanced manufacturing. Joining ...

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## Dayton Partnership Advances Research, Develops New Talent

A university, a research institute, an Air Force base, and MITRE—all working together to innovate on next generation technologies for global competitiveness. MITRE and the University of Dayton

Research Institute (UDRI) have formed a partnership to advance research in mission-focused areas. Domains include autonomy; augmented and virtual reality; position, navigation, and timing (PNT); material sciences; digital engineering; advanced sensing, and ...

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## Supporting Underrepresented Founders

Founding a startup is challenging, but even more so when the founders are women or people of color. They receive just a fraction of venture capital funds, with female-only founders receiving 2.7%, and Black and Latinx women netting just 0.64%†. The root causes of this dearth of access to capital are many, including systemic (gender and racial bias) and cultural/social ...

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## Extracting Facts from Hardcopy using AI

**Find and structure quality data at a large scale**

Our patented AI solution, IQC, learns to find and structure quality data from any documents at a large scale through a web interface

Forms, filings, hardcopy, transcripts. There are many examples of useful documents that are archived in various government agency systems that are typically not in usable condition – that is, usable for the automation of business intelligence solutions. Material that has been scanned from hardcopy or filed as structured forms (e.g., PDF) will often contain information useful to one mission area or another, but only when such documents are fully digitized, complete with metadata, and exploited by the right analysts and experts.

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## Events

### Help Bring Clean Water to Communities in Need



NewsHelp Bring Clean Water to Communities in Need Did you know that 2.2 billion people lack access to safely managed drinking water? Or that globally, 1 in 4 healthcare facilities lack basic water services? You can help bring clean water to these underserved communities. At MITRE, we have to come together to put a dent in these statistics by partnering ...

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### Connect Tech Innovation Accelerator - 19 February

The Massachusetts COVID-19 Innovation Challenge is a business accelerator program to identify and grow Massachusetts companies developing innovative solutions to challenges presented by the COVID-19 pandemic. The Innovation Challenge is a series of six-week accelerator programs managed by Lever, Inc. and sponsored by the Innovation Institute at the Massachusetts Technology Collaborative. Applications are now being accepting to accelerate the entrepreneurial endeavors inspired by the ...

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