

# BASE OF THE FUTURE

 AFWERX FUSION



## EVENT RECAP

# AFWERX Fusion 2020

## OVERVIEW

# WELCOME

The 2020 3-day AFWERX Fusion virtual experience flew by. The event was originally set to take place in-person at the Las Vegas Convention Center but due to COVID-19, we had to pivot to a virtual experience instead.

This document serves as an overview of the event and contains embedded links for all keynotes, panels, fireside chats, workshops etc. In addition, we've included some of the other entertaining and insightful content we created that we would love to share with you one more time. Where you see WATCH, feel free to click the link to be taken straight to AFWERX's YouTube channel, where you can access all the content from the event.



This year's AFWERX Fusion was centered around the *Base of the Future*--one of the top focus areas of the U.S. Air Force and across the Department of Defense (DoD)--supporting the rebuild of the Tyndall Air Force Base that was decimated by Hurricane Michael.

Each day, we opened the event with the Doo-Wop Kings singing *Wild Blue Yonder*, the official song of the United States Air Force and the National Anthem sung by Daniel Emmet of *America's Got Talent* Season 13. Then, our incredible hosts, John Flynn and Krista Kleiner, kicked off the day's programming.



DooWop Kings



Daniel Emmet

## HOSTS



John Flynn



Krista Kleiner



# ENGAGING AND THOUGHT-PROVOKING MATERIAL

Throughout Fusion's programming, we sprinkled originally-produced content aimed to add delight, impart knowledge, or inspire our audiences. Here is a selection of some of our favorites!



**AFWERX Book Promo**



**Elvis Meets Airmen**



**Aviators of the Future**



**Billy Gibbons on Innovation**



**SmartAF: Eileen Collins**



**CreativeAF: Bob Ross**



**Spin-off Technology**



**Innovative AS: Robin Olds**



**Jay R Beatbox & Elvis**



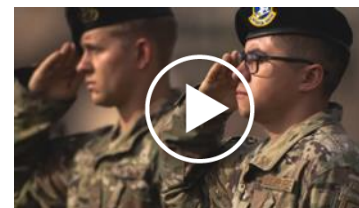
**Critical Six: Base Security**



**Thunderbirds: Unite and Fight**









**A Different Year: ROTC**



**"Have We Forgotten"  
by Chadwick Johnson**

# SHOWCASE OVERVIEW

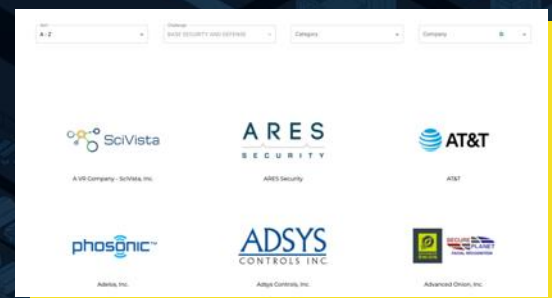
 <p><b>Base Security and Defense</b> Solutions to: enhance securing and defense of a base</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>	 <p><b>Culture of Innovation</b> Solutions to: strengthen and perpetuate a culture of innovation</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>	 <p><b>Empowering Airman and Family Wellbeing</b> Solutions to: increase the wellbeing of our Airmen and their families</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>
 <p><b>Enabling Technologies for Reverse Engineering and Additive / Agile Manufacturing</b> Solutions to: reverse engineer obsolete legacy parts through additive and agile manufacturing</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>	 <p><b>Installation Resilience</b> Solutions to: improve the resiliency of bases to natural disasters and supply shortages with minimal loss of power, structure, and operations.</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>	 <p><b>Leveraging Technology for Operational Effectiveness</b> Solutions to: leverage advanced technologies to improve operational efficiency and effectiveness</p> <p><b>VISIT CHALLENGE BOOTHS</b></p>

The Base of the Future Showcase featured 370 teams that were selected from over 1,500 submissions to the 6 Challenges that made up the event. [CLICK HERE](#) to see all the submissions.

Each of the selected teams created a virtual booth where attendees could come to see more information about them, watch videos, download brochures and during the event click on a zoom link to meet the teams in person.

There were over 8,000 visits to the [showcase site](#) during the event. Following the Showcase, 92 teams have been selected to move forward in the Base of the Future Challenges. Find out more about the teams and their solutions [here](#).

# BASE OF THE FUTURE SHOWCASE






**Contact Name:** Kevin McConnell  
**Company Phone:** 323-396-9200  
**Company Website:** <https://www.nanoflowk.com>

**Who are we:**  
 NanoFlowk creates custom specialized coatings to weatherize electronics against dust, humidity, corrosion, gases, bacteria and chemicals to increase device/equipment lifecycle, reliability, durability and significantly reduce maintenance, repair and replacement costs. We utilized patented microencapsulation which helps to increase coating durability and provides a self-healing feature. NanoFlowk offers the fastest, easiest to use solution with little training to ensure 100% operational and combat readiness.

**More info >>**

**Company Videos** **Brochures (1)** **Leave a Company a Message**



## COMMERCIAL SOLUTION OPENING

### BACKGROUND

The AFWERX RAPIDx contracting team have created a Commercial Solution Opening as an expedited contracting pathway to support DoD members in relation to AFWERX Challenge. The purpose is to competitively solicit challenge demonstrations from the selected top teams, resulting from their initial submissions in response to the listed AFWERX Challenges.

### THE CSO

The CSO is a competitive continuation posted on this Government Point of Entry

**CLICK HERE**

This solicitation is open through 30 December 2020. This CSO solicitation is a competition seeking demonstration from the top teams for the Base of the Future Challenge selected by the DoD reviewers from the original submissions in order to showcase their potential solution to USAF and other DoD potential customers at the Fusion event. The goal is to enable teams to bring contract-worthy solutions to refine and test their solutions in a military context.

### STEPS IN THE CSO

There are 3 phases of the CSO, called Spirals

Spiral 1 – The initial submission to the Base of the Future Challenge

Spiral 2 – Oral Demonstrations as provided during the Base of the Future Showcase

Spiral 3 – Commercial Solution Proposal from interested DoD customers



### OUTCOMES OF THE CSO

This CSO may result in the award of prototype projects, which include not only commercially available technologies fueled by commercial or strategic investment, but also concept demonstrations, pilots, and agile development activities that can incrementally improve commercial technologies, existing government-owned capabilities, and/or concepts for broad defense and/or public application(s).

### NEXT STEPS

Request for Commercial Solution Proposal (CSP): Teams that you would like to work with will be invited to submit a full written proposal following the instructions provided in Section(s) 1.6.6 - 1.6.9 of this CSO. Only a Contracting Officer or an Agreements Officer can issue a CSP.

If that occurs, an offeror, will be invited to develop and submit a written proposal as well as negotiate appropriate terms and conditions, as applicable, governing the proposed solution and/or prototype. At this stage, the selected offeror may discuss proposal development details during the proposal writing process with their assigned Government subject matter expert(s) or Government teaming partner(s). Each proposal submitted shall consist of two sections: Section 1 shall provide the technical proposal; Section 2 shall address the price/cost/schedule portions of the proposal. Projects awarded through the CSO may provide flexibility to adopt customary industry standards where it is otherwise legal and meets the Government's general public responsibility. Spiral 3 will be evaluated based on technical, price, and may include additional factors as established in the request for CSP.

# BASE OF THE FUTURE

 AFWER X FUSION



EVENT RECAP

DAY 1 // TUE, JULY 28, 2020

## DAY 1 // TUE, JULY 28, 2020

### 12:00 - 13:30 EDT /// Featured Speakers and Discussions

#### 12:05 /// OPENING REMARKS



##### *Introduction*

##### **Nathan P. Diller**

Colonel, Director,  
AFWERX, U.S. Air Force



##### *Opening Remarks*

##### **Dr. Will Roper**

Assistant Secretary of the Air  
Force for Acquisition,  
Technology and Logistics

**WATCH**

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#### 12:10 /// KEYNOTE: Envisioning and Building a Digitally-Integrated Base of the Future



##### **Patrice A. Melançon**

Brigadier General, Executive Director of the Tyndall Air Force Base  
Reconstruction Program Management Office, U.S. Air Force

**WATCH**

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#### 12:30 /// KEYNOTE: The Impact of Blockchain on the Automation and Security of Base Operations



##### **Jackie Morck**

CEO, Totem Block

**WATCH**

## DAY 1 // TUE, JULY 28, 2020

### 12:45 /// PANEL: Defending Installations From Next Generation Threats

#### Moderator

**John Flynn**

Colonel, U.S. Air Force Reserve | Vice President of Administration, MGM Resorts International



#### Panelists

**Chasity Wright**

Founder and CTO, Infiltron Software Suite

**David T. Watts**

Lieutenant Colonel, Director, Technologies Integration & User Rep, Air Force Life Cycle Management Center, U.S. Air Force

**Deirdre Fike**

Vice President Security and Investigations, MGM Resorts International

**Todd J. Boren**

Chief Master Sergeant, Security Forces Manager, U.S. Air Force

**WATCH**

### 12:45 /// PANEL: Innovations in Base Defense Operations

#### Panelists

**John Halsema**

ARES Security

**Toby Houchens**

Alpha Recon

**Andrew Lufburrow**

LufCo

**WATCH**

### 12:45 /// PANEL: The Future of Base Security

#### Panelists

**Destino Rivera**

Wave Killer

**Brian Meier**

XWorks

**Greg Prince**

Chartis

**WATCH**



## DAY 1 // TUE, JULY 28, 2020

**13:15 /// KEYNOTE:** Key Learnings from Hurricane Michael



**John W. Henderson**

Assistant Secretary of the Air Force for Installations, Environment and Energy,  
U.S. Air Force

**WATCH**

## 13:30 - 14:30 EDT /// Networking and Workshops

### WORKSHOP

**13:30-14:10 /// How Industry Can Benefit from AF Ventures**

AFVentures serves as an easy open door for commercial innovators and private capital investment to help the Department of the Air Force solve problems and deliver better capability to the warfighter, faster. Learn how you as a company can open up the Air Force market for your product, technology or services. We will be walking through the different pathways for companies to take and how to best position yourself when engaging with the Air Force.

**Steve Lauver**

Captain, Deputy Director of  
AFVentures AFWERX

**Joseph Arora**

Captain, Ecosystem Development Director /  
AFVentures Partner, AFWERX

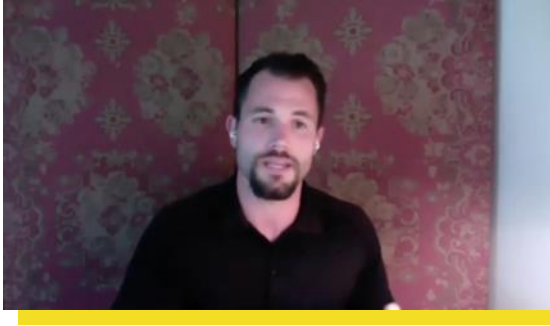


**WATCH**



## DAY 1 // TUE, JULY 28, 2020

### WORKSHOPS CONTINUED



#### **13:30-14:10 /// How Startups Can Grow Faster with Alternative Financing**

Learn how to get paid faster from invoices and PO's from the government and corporations. Understand how invoice and PO financing works, the benefits, costs and next steps. Learn how alternative finance is becoming a top choice for technology startups who don't want to dilute their equity ownership to VC's. Who should attend: Startups, founders, CFO's, and anyone interested in startups and financing.

**WATCH**

**Benjamin Kosinski**

Founder, VendorTerm

#### **13:30-14:10 /// Enhancing COVID and Overall Base Resiliency via Simple HVAC Systems**

Three key areas of learning from this workshop:

1. Learn how existing HVAC systems hurt resilience, waste energy and maintenance funds, create corrosion, mold and mycotoxins, and spread infectious diseases like COVID.
2. Learn how to cut relative humidity control related energy by over 57%, while capturing or killing 99.999% of COVID sized particles.
3. Learn how HVAC systems can become a low maintenance, energy efficient, anti-viral asset to a base vs. a significant liability.

**Scot Duncan**

President and Founder, Conservant Systems

**WATCH**

#### **13:30-14:10 /// Emergency Pandemic Care**

Providing the perspective of an architect to integrated systems for pandemic care, purchasing high performance buildings, for pandemic care and the new DFAR, requiring best value purchasing and how to calculate lifecycle cost analysis.

**Jack Rutherford**

Founder, Modula-S

**WATCH**

## DAY 1 // TUE, JULY 28, 2020

### WORKSHOPS CONTINUED

#### 13:30-14:10 /// Peak Mindful Presents “Mental Wellness and Neurology”

Ash Kumra and Martina Hollearn will discuss the importance of Mental Wellness and how the Mind-Body-Soul connection contributes to overall wellbeing from a neuroscientific standpoint. This workshop and Q&A will cover two main topics:

1. How the Air Force (both Airmen and families) can incorporate scientific and medically proven holistic mindfulness exercises to help alleviate their burnout-related symptoms, increase their performance, and bring balance in their lives.
2. A discussion on the neuroscience and immunology perspective of stressful life events and how it affects the body and the mind, and how stress could be passed onto generations in forms of trauma, anxiety disorders, and suicidal behavior.

**Ash Kumra**

Co-Founder, Peak Mindful

**WATCH**

### 14:40 – 16:00 EDT /// Featured Speakers and Discussions

14:40 /// KEYNOTE: Clean Energy for All



**Rose McKinney-James**

Managing Principal, Energy Works LLC

**WATCH**

15:00 /// PANEL: Robust and Ready: Designing Resilient Installations and Communities

*Moderator*

**Dustin Prescott**

Federal Strategic Account Manager, Schneider Electric

*Panelists*

**Dr. Alexander Hay**

Founding Principal, Southern Harbour Ltd.

**Craig Applegath**

Architect & Principal, DIALOG

**Vincent Coglianese**

Major General (Retired), U.S. Marine Corps

**WATCH**



## DAY 1 // TUE, JULY 28, 2020

**15:00 /// PANEL:** Improve At-Risk Military Metals to Save Lives and Win Wars

300 Below

**WATCH**

**15:00 /// PANEL:** Innovations in Power and Utility Resilience

*Panelists*

**Andrew Santangelo**

Sci Zone

**Jonathan Knight**

Uprise Energy

**Charlie McAndrew**

BTU Research

**WATCH**

**15:30 /// KEYNOTE:** Integrated Base Defense Security System Modernization – Where the Security Forces Enterprise is Going



**Heidi L. Scheppers**

Deputy Director of Security Forces, DCS/Logistics, Engineering and Force Protection, U.S. Air Force

**WATCH**

**15:45 /// FIRESIDE CHAT:** Resilient Businesses: A Conversation with Tech Investor Brian N. Sheth

*Participants*

**Brian Sheth**

Co-Founder and President,  
Vista Equity Partners

**Thomas J. Sharpy**

Lieutenant General, Deputy Chief of Staff for  
Capability Development, Headquarters Allied  
Command Transformation, U.S. Air Force



**WATCH**

# BASE OF THE FUTURE

 AFWERX FUSION



EVENT RECAP

DAY 2 // WED, JULY 29, 2020

## DAY 2 // WED, JULY 29, 2020

### 11:00 - 12:00 EDT /// Showcase Floor Opens

#### SHOWCASE INFORMATION

Meet 350+ team demonstrating their top solutions to *Base of the Future Challenge* topic areas, including: base security, base resilience, leveraging technology, reverse engineering, culture transformation and wellbeing. Jump into virtual meeting spaces, peruse digital brochures, and interface directly with company representatives.

### 12:00 - 13:30 EDT /// Featured Speakers and Discussions

#### 12:00 /// OPENING REMARKS



#### Opening Remarks

**Stephen W. "Seve" Wilson**  
General, Vice Chief of Staff,  
U.S. Air Force

**WATCH**



#### 12:15 /// KEYNOTE: Leveraging Technology for Operational Effectiveness: A Human-Centered Approach



**Dr. Mary "Missy" Cummings**  
Professor, Duke University

**WATCH**



## DAY 2 // WED, JULY 29, 2020

### 12:30 /// PANEL: Keeping our Technological Edge: How to Innovate Effectively

#### Moderator

**Heather Wilde**

Contractor, AFWERX Vegas

#### Panelists

**Laura Ramos**

Lieutenant Colonel, Strategic Partnerships Division Chief, AF/A1Z, Integrated Resilience, U.S. Air Force

**Matthew Renze**

Data Science Consultant, Renze Consulting

**Sean Maday**

Major, U.S. Air Force Reserve | Field CTO for DoD, Google



**WATCH**

### 12:30 /// PANEL: Leveraging Mixed Reality to Improve Operational Effectiveness

#### Panelists

**Konstantyn Shyshkin**

Spiral Technology

**Russ Baker**

Avalon Holographics

**Jason Jerald, PhD**

NextGen Interactions



**WATCH**

### 12:30 /// PANEL: Integrated Solutions to Better Serve Airmen and Operational Efficiencies

#### Panelists

**Dr. Anuja Sonalker**

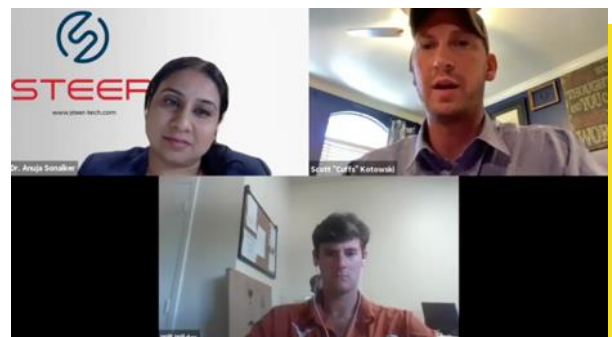
STEER

**Will Wilder**

Wilder Systems

**Scott Kotowski**

Quantum Interface



**WATCH**

## DAY 2 // WED, JULY 29, 2020

### 12:30 /// PANEL: Advances in Cybersecurity

#### Panelists

**Ulrich Lang**  
Object Security

**Mark Sincevich**  
Digital AI

**David Gotrik**  
AgilePQ

**WATCH**

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### 12:30 /// PANEL: Multi-Faceted Utility of Digital Twins

#### Panelists

**Ryan Measel, PhD**  
Fantasmo.io

**Dr. San Gunawardana**  
Enview

**WATCH**

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### 13:00 /// KEYNOTE: Artificial Intelligence – Pragmatism Matters!



**Michael Kanaan**

Captain, Director of Operations, MIT Artificial Intelligence Accelerator, U.S. Air Force

**WATCH**

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### 13:15 /// FIRESIDE CHAT: WIDOW: The Future of Mission Planning

#### Participants

**Matthew J. Bradley**  
Colonel, Commander of the  
3rd Operations Group, Joint  
Base Elmendorf-Richardson,  
U.S. Air Force

**Nathan P. Diller**  
Colonel, Director, AFWERX

**Brad "Ralphie" Short**  
Major, Blue Horizons Fellow,  
Center for Strategy and  
Technology, U.S. Air Force

**WATCH**

## DAY 2 // WED, JULY 29, 2020

### 13:40 - 14:35 EDT /// Networking and Workshops

#### WORKSHOPS

##### 13:40-14:20 /// AFVentures for Government

AFVentures serves as an easy open door for commercial innovators to help the Department of the Air Force solve problems and deliver better capability to the warfighter, faster. Learn how you can submit your focus area, find companies to work with and be a part of the prototyping and scaling process.

##### Steve Lauver

Captain, Deputy Director of AFVentures

##### Joseph Arora

Captain, Ecosystem Development Director /  
AFVentures Partner, AFWERX



**WATCH**

##### 13:40-14:20 /// Avoiding the Stereotype - 3 Practical Applications of Human-Centered Design for Erratic Entrepreneurs and Boring Buyers

Your technology doesn't matter if it isn't easy and practical to use in the field. If an airmen can't figure it out and make it work, or if it doesn't actually solve their problem or improve their efficacy, then it might as well not work at all. With the increasing complexity of base operations and the layered interdependency on multiple systems for operational effectiveness, this simple concept is now more important than ever. How can you, as a company, fit your technology into a product and application that truly meets the needs of your end user? How can you, as a buyer, evaluate companies and solutions when you yourself are not a content expert? This interactive workshop will share examples and practical advice for how companies and buyers can leverage the experiences of airmen and other customers to support the operational effectiveness of their technology solutions.

##### Scott Swaaley

CEO, MAKESafe Tools Inc.



**WATCH**



## DAY 2 // WED, JULY 29, 2020

### WORKSHOPS CONTINUED

#### 13:40-14:20 /// *What Companies Get Wrong About Making Innovation Happen...and What the Air Force Can Learn From Them*

Anyone who is currently leading an innovation team or is soon to do so will benefit from this workshop. Jeff DeGraff will lead this workshop. Jeff is an advisor to Fortune 500 companies, a top innovation speaker and a best-selling author. He founded the Innovatrium, an innovation consulting firm focusing on creating innovation culture, capability, and community. Jeff will be sharing the 10 biggest mistakes he has seen large companies make when trying to innovate and how to solve them. He will also cover how innovation can be used to respond to our current COVID-19 situation.

#### Jeff DeGraff

Professor at the Ross School of Business, University of Michigan

**WATCH**



#### 13:40-14:20 /// *Startup Ecosystem Outreach for Government*

Focused mainly for the government and military audience, the Established team will workshop their understanding startups' perspective on working with government, how to build trust with startup communities, how to expand your reach across ecosystems, and best practices for translating government requirements to the commercial world.

#### Rich Maloy

VP of Engagement, Established

**WATCH**

#### 13:40-14:20 /// *Basics of Culture Science™ to Drive Change*

The Gapingvoid team will share insights on the basics of Culture Science and Culture Design, and tackle an audience culture problem live and work through ideas on how to solve it.

#### Jason Korman

CEO, Gapingvoid

**WATCH**



## DAY 2 // WED, JULY 29, 2020

### 14:35 – 16:00 EDT /// Featured Speakers and Discussions

14:35 /// KEYNOTE: Solutions in 3D!



**Catherine Norcom,**  
Founder and CEO, Black Opal LLC

**WATCH**

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15:00 /// FIRESIDE CHAT: Construction Scale 3D Printing for Expeditionary Bases

*Participants*

**Vince “Swath” Pecoraro**

Agile Acquisition Capability Lead, AFWERX

**Evan Loomis**

Co-Founder, ICON

**WATCH**

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15:00 /// PANEL: End to End Reverse Engineering Solutions

*Panelists*

**Tim Bell**

Siemens Digital  
Industries Software

**Chris Chimera**

Millebot, Inc

**Mingu Kang**

ARIS Technology

**WATCH**

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15:00 /// PANEL: The Process of Reverse Engineering

*Panelists*

**Ryan Myers**

Hexagon

**Brian Stitt**

University of Dayton

**Charles McElroy**

Stat Diagnostics

**WATCH**

## DAY 2 // WED, JULY 29, 2020

### 15:00 /// PANEL: 3D Printing and DOD

#### Panelists

**Samantha Snabes**

re:3D

**Dr. Gregory Hayes**

Applied Technology EOS

**Chris Crowley**

Formlabs



**WATCH**

### 15:25 /// KEYNOTE: Filing for [Technical] Bankruptcy: Digital Debt, Experimenting with Everything, and Befriending Risk



**Joshua Marcuse**

Head of Strategy & Innovation, Global Public Sector, Google

**WATCH**

### 15:40 /// FIRESIDE CHAT: Innovating Technology to Create the Sport of the Future

#### Participants

**John Flynn**

Colonel, U.S. Air Force Reserve | Vice President  
of Administration, MGM Resorts International

**Nicholas Horbaczewski**

CEO, Drone Racing League



**WATCH**



# BASE OF THE FUTURE

 AFWER X FUSION



EVENT RECAP

DAY 3 // THU, JULY 30, 2020

## DAY 3 // THU, JULY 30, 2020

### 12:00 - 13:30 EDT /// Featured Speakers and Discussions

#### 12:00 /// OPENING REMARKS



##### *Opening Remarks*

**Heather L. Pringle,**

Brigadier General, Commander, Air Force Research Laboratory,  
Air Force Materiel Command, U.S. Air Force

**WATCH**

#### 12:05 /// KEYNOTE: Creativity is Intelligence Having Fun



**Nic Marks**

CEO and Founder, Friday Pulse

**WATCH**

#### 12:20 /// FIRESIDE CHAT: Base of the Future: The Journey

##### *Participants*

**Lowell A. Usrey**

Chief, Integration Division, Tyndall Program  
Management Office, U.S. Air Force

**Patrice A. Melançon**

Brigadier General, Executive Director of the Tyndall Air  
Force Base Reconstruction Program Management  
Office, U.S. Air Force



**WATCH**

## DAY 3 // THU, JULY 30, 2020

**12:45 /// PANEL:** Accelerating Serendipity: The Value of Investing in Culture, Ecosystems and Innovation

*Moderator*

**Christine Lai**

Community Activator, ESHIP | Kauffman Foundation

*Panelists*

**Fay Horwitt**

President, Forward Cities

**Susan O'Malley**

Senior Director, IDEO

**Tony Bond**

EVP, Chief Innovation Officer,  
Great Place to Work US



**WATCH**

**12:45 /// PANEL:** Spark Cells: Igniting Innovation Within the Air Force

*Moderator*

**Molly Cain**

Founder, GovCity

*Panelists*

**Anthony "Wedge" Bunker**

Major, Director of Rapid Capabilities, 7th Bomb  
Wing, U.S. Air Force

**Jay Vizcarra**

Lieutenant Colonel, Chief of Wing Innovations &  
Spark Cell, Robins Air Force Base, U.S. Air Force

**Kathy Reid**

Wing Innovation Officer, 96 Test Wing, U.S. Air  
Force



**WATCH**



## DAY 3 // THU, JULY 30, 2020

### 12:45 /// PANEL: Empowering Experimentation and Collaboration

#### Panelists

**Hari Kalva**

Florida Atlantic University

**Dr. Jeff DeGraff**

Innovatrium

**Robin Fleming**

Anvl



**WATCH**

### 12:45 /// PANEL: Leveraging Technology to Enhance Teams

#### Panelists

**Jade Baranski**

Mobilize US

**Jeff Prosek**

adyton.io

**Max Burwick**

Pathfinder



**WATCH**

### 13:15 /// FIRESIDE CHAT: Driving a Culture of Innovation with Private Sector Teaming

#### Participants

**Jennifer "JJ" Snow**

Lieutenant Colonel, Chief Technology Officer,  
AFWERX

**Helen Greiner**

Co-Founder, iRobot Corporation



**WATCH**

## DAY 3 // THU, JULY 30, 2020

### 13:30 - 14:30 EDT /// Networking and Workshops

#### AFWERX WORKSHOPS

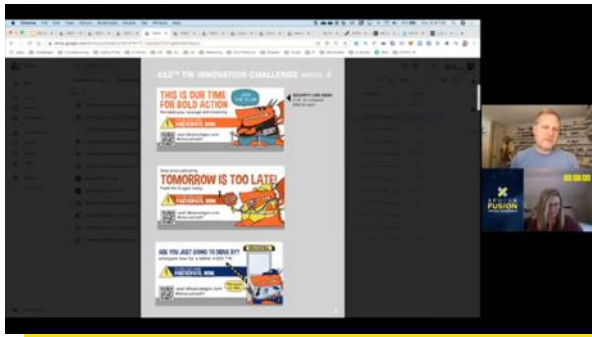
##### 13:30-14:10 /// AFVentures: How and Why?

AFVentures is the Air and Space Force's Commercial Investment Arm. Its objective is to access, seed and scale commercial technologies into the department. This session details why AFVentures was created and how we do businesses - please join us.

**Dr. Jason Rathje**

Major, Director AFVentures, AFWERX

**WATCH**



##### 13:30-14:10 /// A Tale of Two Campaigns: How an Orange Dragon got Airmen to Take Off

Establishing an innovative enterprise is not a "build it and they will come" exercise. Awareness begins with and is sustained by engaging, simple, frequent, and action-orientated messaging. Learn how one orange dragon exemplified this concept and propelled innovation excellence to new heights.

**Gregory Hicks**

Leading Engagement at Scale, AFWERX - Airmen Powered by Innovation (API)

**WATCH**

#### WORKSHOPS

##### 13:30-14:10 /// Overcoming the 5 Barriers to Innovation Impact

A highly engaging and interactive workshop exploring the 5 keys to successful innovation impact. You will walk away with practical activities you can implement to improve your innovation success. There will be polls, breakout room activities and words of wisdom.

**Rachel Kuhr**

CEO, Productable

**WATCH**

## DAY 3 // THU, JULY 30, 2020

### WORKSHOPS CONTINUED

#### 13:30-14:10 /// *Discover Personal Talents and Blind Spot for Innovation and Collaboration*

Interactively sharing results from a 22 year study of the worlds most innovative and commercially successful entrepreneurs using Fingerprint for Success. All workshop participants will get full access to the Fingerprint for Success tool to all them to privately benchmark their mindset for innovation and collaboration. Participants will gain insight into how to optimize innovative and collaborative mindsets during challenging times, such as a pandemic. Also gaining insight into how to manage and overcome blindspots for innovating and collaborating

**Michelle Duval**

CEO, Fingerprint for Success

**WATCH**

#### 13:30-14:10 /// *Employee Mental Health is Healthy for Business: Start the Conversation*

During this workshop the Tier1 team will be presenting the history and "why" of 'Start of the Conversation' as a tool to enhance a culture of transparency and safety around mental health in an organization. They will have Q&A and breakout groups to further explore these topics to help the participants explore whether this would be of value to their own workspaces and how to start a program. You will walk away with ideas around effective and safe ways to reduce the stigmas of mental health.

**Greg Harmeyer**

CEO, Tier1 Performance

**WATCH**

### 14:35 - 16:30 EDT /// **Featured Speakers and Discussions**

**14:35 /// KEYNOTE:** Cracked and Not Broken: Surviving and Thriving After a Suicide Attempt



**Kevin Hines**

Suicide Survivor & Suicide Prevention Advocate | Co-Founder,  
The Margaret and Kevin Hines Foundation

**WATCH**



## DAY 3 // THU, JULY 30, 2020

### 15:00 /// PANEL: Holistic Wellbeing: It's Time to Look at the Whole Person

#### Moderator

**Mark Rowland**

Innovation Actualizer, AFWERX

#### Panelists

**Dr. Candice Hatcher-Solis**

Research Scientist, 711th Human Performance Wing, AFRL, U.S. Air Force

**Mary F. Polanco**

Chief Master Sergeant, Senior Enlisted Advisor to the Air Force Resilience Directorate, U.S. Air Force

**Maggie Laws**

Integrated Resilience Operations Program Manager, Integrated Resilience Division (AFPC/DPFZ), U.S. Air Force

**Tara Falcone**

Founder, ReisUp

**WATCH**



### 15:00 /// PANEL: Creating a Holistic Culture of Care

#### Panelists

**Scott Kohl**

Third Space

**Lamarque Polvado**

Carestarter

**Coreen M. Harada, Ed.D.**

SAIC

**WATCH**

### 15:00 /// PANEL: Innovative Solutions for Financial, Physical and Mental Wellbeing

#### Panelists

**Jeff Kingsfield**

Rippleworx

**Matt Miclette, MPH, RN**

NeuroFlow, Inc

**Nicholas Leiter**

UPROOT Homes

**WATCH**

## DAY 3 // THU, JULY 30, 2020

### 15:00 /// PANEL: Leveraging AI to Enhance Wellbeing

#### Panelists

**Sourabh Kothari**  
Mindcurrent, Inc.

**Beni Gradwohl**  
Cognovi Labs

**Anne Balduzzi**  
SameGrain, Inc.

**WATCH**

### 15:25 /// FIRESIDE CHAT: Seats at the Table: A Business and Moral Imperative

#### Moderator

**Raquel Bringham Brown**

Independent Board Director | Advisor, Radical Abundant Mindset

#### Participants

**Darren W. McDew**

General (Retired), U.S. Air Force

**Harvey Mason Jr.**

Chairman and Interim President/CEO,  
The Recording Academy



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## DAY 3 // THU, JULY 30, 2020

**15:50 /// KEYNOTE:** The Art of Language and Connection



**DeDe Halfhill**

Colonel, Special Assistant for Public Affairs to the Chairman of the Joint Chiefs of Staff, DOD

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**16:05 /// FIRESIDE CHAT:** Playing the Infinite Game: Leadership Lessons with Simon Sinek

### *Participants*

**John Flynn**

Colonel, U.S. Air Force Reserve | Vice President of Administration, MGM Resorts International

**Simon Sinek**

Best-selling Author and Speaker



**WATCH**

**16:35 /// CLOSING REMARKS**



**WATCH**