



# **AIR FORCE GLOBAL STRIKE COMMAND**

## **INNOVATION & TECHNOLOGY SYMPOSIUM**



## **Breaking Barriers and Leading Change...Strategic Deterrence and Global Strike in the 21st Century**

November 13 – 15, 2017

Shreveport Convention Center

Shreveport, LA



## MONDAY, NOVEMBER 13

12:00 – 8:30 pm **SYMPOSIUM AND EXPO REGISTRATION OPEN**

6:00 – 7:00 pm **TROPHY RETURN**  
Exhibit Hall 2

6:30 – 8:30 pm **NDIA GLOBAL STRIKE EXPO OPEN**

7:00 – 8:30 pm **GRAND OPENING OF THE NDIA GLOBAL STRIKE EXPO & NETWORKING RECEPTION**

## TUESDAY, NOVEMBER 14

7:00 am – 6:30 pm **SYMPOSIUM AND EXPO REGISTRATION OPEN**

7:00 – 8:00 am **NETWORKING CONTINENTAL BREAKFAST**

8:00 – 8:45 am **WELCOMING REMARKS**  
  
**General Hawk Carlisle, USAF (Ret)**  
President & CEO, NDIA  
  
**General Robin Rand, USAF**  
Commander, Air Force Global Strike Command

8:45 – 9:30 am **KEYNOTE PRESENTATION ON BREAKING BARRIERS**  
  
**Brigadier General Kristin E. Goodwin, USAF**  
Commandant of Cadets, USAF Academy

9:30 am – 6:30 pm **NDIA GLOBAL STRIKE EXPO OPEN**  
Hall 1

9:30 – 10:00 am **NETWORKING BREAK**  
Expo Hall

10:00 – 11:00 am

## INDUSTRY SENIOR EXECUTIVE PANEL

**Lieutenant General Noel T. “Tom” Jones, USAF (Ret)**

*Moderator*

**Ms. Carol Erikson**

Vice President, GBSD, Space Systems Division, Northrop Grumman Aerospace Systems

**Mr. Alan Jackson**

Vice President, Strike Systems, Lockheed Martin Missiles and Fire Control

**Major General Tony Przybyslowski, USAF (Ret)**, Vice President and Executive Director, Global Sales and Marketing, Boeing Defense, Space & Security

11:00 am – 12:25 pm

## NETWORKING LUNCH WITH PRESENTATION ON BOMBER HERITAGE

**Major General Garrett Harencak, USAF**

Commander, Air Force Recruiting Service

12:30 – 1:10 pm

## CONCURRENT BREAKOUT SESSIONS

### **Airman Panel – Inspire**

#### **Character In Action**

Airmen carry out the Air Force mission every day. Each new generation of Airmen brings new perspectives and ideas into the Air Force. They are also a reflection of the social and technological changes that may have occurred within American society and therefore may have different expectations, motivations and values from the generation before them.

#### **Chief Master Sergeant**

**Angelique McDonald, USAF**

AFGSC/PA

*Moderator*

**Senior Airman Melanie Martine, USAF**

2 CES

**Senior Airman Eric Kimble, USAF**

608 COMS (Barksdale)

**Senior Airman Jessica Ortiz-Villa, USAF**

341 SSPTS

**Senior Airman Amy Cure, USAF**

341 MSFS

**Senior Airman Kaitlyn Callahan, USAF**

342 MDG

### **Non Commissioned Officer**

#### **Panel – Growing Leadership**

#### **In The Mid-Level To Meet**

#### **Changing Demands**

SNCO's represent a significant portion of the Air Force's leaders serving as front-line supervisors, program managers, Section and Flight Chiefs and more. They are often have to navigate the through the intersection of the problems their Airmen face while still ensuring Air Force policy and Senior Leader guidance is met.

**Chief Master Sergeant Kim Castro, USAF**

B2 BW Wing Weapons Manager

*Moderator*

**Senior Master Sergeant Dustin Prowell, USAF**

377 MSG/CED

**Senior Master Sergeant Lyndsey Fry, USAF**

608 AOC (Barksdale)

**Technical Sergeant Jason Bierman, USAF**

341 CES

**Staff Sergeant Philip Giovanniello, USAF**

7 SFS

### **Company Grade Officer**

#### **Panel – Connecting Cgos**

#### **With Leaders To Adapt The**

#### **Air Force With The Ever**

#### **Changing World**

CGOs are the future leaders of the Air Force. They lead enlisted Airmen and interact with leaders at the squadron, group and wing. They feel the effects of decisions of senior leaders on their ability to meet the mission. CGOs have experience in the Air Force, but are still new enough to generate non-traditional ideas on how the Air Force could operate.

**Colonel Dede Halfhill, USAF**

*Moderator*

**Captain Shane Veitenheimer, USAF**

509 CES

**Captain Jennifer Young, USAF**

2FSS

**Captain Joshua Haynes, USAF**

91 MW; 791 MXS

**Lieutenant Michelle Governor, USAF**

341 MW; 10 MS

1:10 – 1:120 pm

NETWORKING BREAK

1:20 - 2:00 pm

CONCURRENT BREAKOUT SESSIONS – REPEAT

2:00 – 2:30 pm

NETWORKING BREAK

Expo Hall

2:30 – 3:30 pm

CONCURRENT BREAKOUT SESSIONS

WING COMMANDER PANEL  
- INCREASING MISSION  
EFFECTIVENESS IN  
CONSTRAINED ENVIRONMENTS

The Air Force is stretched between the culmination of reductions in end strength numbers, ops requirements and the increasing financial strain of maintaining the current infrastructure while needing to modernize its weapon systems. Wing Commanders must deal with these realities while still being called upon to improve the effectiveness of their organizations and absorb additional mission requirements.

**Mr. Mike Morgan**  
Executive Director, Air Force Global Strike Command Operations and Communications, Barksdale Air Force Base, Louisiana  
*Moderator*

**Colonel Matthew Brooks, USAF**  
Commander, 5th Bomber Wing, Minot Air Force Base, North Dakota

**Colonel Brandon Parker, USAF**  
Commander, 7th Bomber Wing, Dyess Air Force Base, Texas

**Colonel Stacy Jo Huser, USAF**  
Commander, 90th Missile Wing, F.E. Warren Air Force Base, Wyoming

**Colonel Rick Gibbs, USAF**  
Commander, 377th Air Base Wing, Kirtland Air Force Base, New Mexico

SQUADRON CC PANEL –  
REVITALIZING THE SQUADRON  
IN A CONSTRAINED  
ENVIRONMENT

The CSAF has made revitalizing the squadron a chief priority for the Air Force. Squadron Commanders will be key to affecting change and ensuring enduring implementation. However, they need to accomplish while operating through the results of end strength reductions, increasing ops requirements and a strained fiscal budget.

**Colonel Kelvin Townsend, USAF**  
*Moderator*

**Lieutenant Colonel Jade Reidy, USAF**  
7 OSS/CC

**Major Kristen Shadden, USAF**  
5 AMXS/CC

**Lieutenant Colonel Stephanie Wilson, USAF**  
90 MMXS/CC

**Major Marc Ortiz, USAF**  
341 SFS/CC

COMMAND CHIEFS PANEL –  
GROWING OUR AIRMEN TO MEET  
GROWING MISSION SETS

Command Chiefs are the senior enlisted leaders responsible for the health, morale, and welfare of the command’s enlisted Airmen. They ensure the Airmen are trained and prepared to accomplish the mission despite challenges in end strength numbers, increasing ops requirements, limited budget and strained infrastructures.

**Chief Master Sergeant Thomas Good, USAF**  
20 AF/CCC  
*Moderator*

**Chief Master Sergeant Paul Elliott, USAF**  
5 AF/CCC

**Chief Master Sergeant Amber Mitchell, USAF**  
341 MW/CCC

**Chief Master Sergeant John Burks, USAF**  
91 MW/CCC

**Chief Master Sergeant Chad Schulte, USAF**  
377 ABW/CCC

3:30 – 4:15 pm

KEYNOTE PRESENTATION ON THE EUROPEAN PERSPECTIVE

**Lieutenant General Richard M. Clark, USAF**  
Commander, 3rd Air Force

4:15 – 4:30 pm

## CLOSING REMARKS

**Captain Frank Michael, USN (Ret)**

Senior Vice President, Program Development, NDIA

4:30 – 6:30 pm

## RECEPTION

Expo Hall

# WEDNESDAY, NOVEMBER 15

7:00 am – 4:00 pm

## SYMPOSIUM AND EXPO REGISTRATION OPEN

7:00 – 8:00 am

## NETWORKING CONTINENTAL BREAKFAST

8:00 – 8:15 am

## OPENING REMARKS

**Captain Frank Michael, USN (Ret)**

Senior Vice President, Program Development, NDIA

**General Robin Rand, USAF**

Commander, Air Force Global Strike Command

8:15 – 8:55 am

## KEYNOTE PRESENTATION ON LEADERSHIP

**Command Sergeant Major Patrick Z. Alston, USA (Ret)**

Former Command Senior Enlisted Leader (USSTRATCOM)

9:00 – 10:00 am

CONCURRENT BREAKOUT SESSIONS

Hypersonic Vehicles –  
OPEN TO U.S. ATTENDEES  
ONLY

Participate in a discussion on hypersonic technology as a national imperative and what are government, industry and academia doing to accelerate this capability

Major General Dave Scott,  
USAF (Ret)

Vice President, Business Development, Raytheon  
*Moderator*

Lieutenant Colonel Dustin D.  
Harmon, USAF

Deputy Chief, Weapons Requirements Division HAF/A5RW

Mr. Robert B. Addis

Defense Technologies Engineering Division, Lawrence Livermore National Laboratory

Mr. Brent Peavy

Principal Research Engineer, Georgia Tech Research Institute

Mr. Daniel M. Norton

Senior Management Systems Analyst, RAND Corporation

Air Force Research Laboratory Representative

Counter UAV – OPEN TO  
U.S. ATTENDEES ONLY

Hear from experts on the technologies that the U.S. is developing to counter UAV challenges in the detection, engagement, and swarming areas.

Lieutenant General Noel T.  
“Tom” Jones, USAF (Ret)

*Moderator*

Lieutenant General Richard M.  
Clark, USAF

Commander, 3rd Air Force

Mr. Jerry Coburn

Director, Business Development, Electronic Warfare and Range Instrumentation (EWR), Sierra Nevada Corporation

Mr. Garry Shackley

Principal Engineer, Cyber Solutions Group, Radiance Technologies Inc.

University Based  
Innovation

Dr. Rodney Miller

Chief Scientist, Air Force Global Strike Command  
*Moderator*

Dr. Elizabeth Cantwell

Vice President for Research Development, Arizona State University

Dr. Tomás Díaz de la Rubia

Chief Scientist, Executive Director, Discovery Park, Purdue University

Dr. Leslie K. Guice

President, Louisiana Tech University

9:30 am – 3:00 pm

NDIA GLOBAL STRIKE EXPO OPEN

Hall 1

10:00 – 10:30 am

NETWORKING BREAK

Expo Hall

10:30 – 11:15 am

KEYNOTE PRESENTATION ON WARRIOR ETHOS

Chief Master Sergeant Gerardo Tapia, USAF (Ret)

Command Chief Master Sergeant, Headquarters Air Education and Training Command

11:15 am – 12:25 pm

NETWORKING LUNCH WITH PRESENTATION ON ICBM HERITAGE

Major General Roger W. Burg, USAF (Ret)



12:30 – 1:25 pm

# KEYNOTE PRESENTATION ON NEXTTECH: THE FUTURE OF TECH AND SECURITY

**Dr. Peter Singer**  
Strategist, New America

1:30 – 2:30 pm

## CONCURRENT BREAKOUT SESSIONS

### Geopolitical Threat Overview

Participate in a discussion focusing on the pressing geopolitical threats facing the U.S. today and hear from key thought leaders on the U.S. strategy to mitigate these threats.

**General Hawk Carlisle, USAF (Ret)**  
President & CEO, NDIA  
*Moderator*

**Dr. David Fahrenkrug**  
Director, Strategic Planning, Northrop Grumman Analysis Center

**Dr. Carl Rhodes**  
Director, Force Modernization and Employment Program, RAND Project Air Force

**Mr. Curtis McGiffin**  
Adjunct Professor, Department of Defense and Strategic Studies, Missouri State University

### Blue Force Tracking Systems

Hear from experts on innovative blue force tracing technologies and how these capabilities provide the U.S. military with real-time situational awareness.

**Col Chris Pehrson, USAF (Ret)**  
Vice President, Strategic Development, General Atomics Aeronautical Systems  
*Moderator*

**Mr. Kirt S. Moser**  
Deputy Director, Air Force Research Laboratory Center for Rapid Innovation

### Disruptive S&T

Learn about cutting-edge technologies and capabilities that are sustainable and can be readily modernized.

**Mr. James Chew**  
Group Director, National Security, Cadence  
*Moderator*

**Mr. Brandon Smith,**  
Office of the Secretary of Defense (OASD-R&E), Defense MicroElectronics Activity (DMEA)

**Dr. Kevin Geiss, SES, USAF**  
AFMC 711 HPW/RH

**Dr. Adedeji B. Badiru, SES**  
Dean, Graduate School of Engineering and Management, Air Force Institute of Technology

2:30 – 3:00 pm

## **NETWORKING BREAK**

Expo Hall

3:00 pm

## **CLOSING OF THE NDIA GLOBAL STRIKE EXPO**

2:45 – 3:00 pm

## **SPEAKER INTRODUCTION**

**Governor John Bel Edwards**

Governor, State of Louisiana

3:00 – 3:45 pm

## **KEYNOTE PRESENTATION**

**Secretary Heather Wilson**

Secretary, U.S. Air Force (Invited)

3:45 – 4:00 pm

## **CLOSING REMARKS**

**General Robin Rand, USAF**

Commander, Air Force Global Strike Command

4:00 pm

## **BUS DEPARTURE FOR SCORE POSTING**

No Federal endorsement of NDIA implied or intended.