Mission: Develop Air Force, DoD, and other USG leaders to advance the state of knowledge, policy, and practices within strategic defense issues involving nuclear, biological, and chemical weapons

Goal 1: Educate Airmen and other USG leaders on how to think critically about the operational and strategic implications of unconventional weapons within the context of military operations

Professional Military Education:
- Deterrence Research Task Force: two-term elective on strategic deterrence and nuclear weapons issues (ten Air War College and Air Command and Staff College students)
- Joint Air War College/Air Command and Staff College electives: Homeland Security and Defense; Using Airpower to Counter WMD; Arms Control and Nonproliferation; Nuclear Wargaming
- Air Command and Staff College electives: The Terrain Walk; The Manhattan Project

Professional Continuing Education (enlisted, officers, and civilians):
- Executed the “Striker Deterrence Basic Course” for Air Force Global Strike Command, resulting in approximately 800 Airmen being educated on deterrence concepts and Air Force nuclear enterprise operations
- Developed a “Striker Deterrence Basic Course for Executives” for Air Force Global Strike Command, targeting non-core nuclear career field leaders and managers

Workshops and Courses:
- Hosted the 2017 Deterrence Education and Research Symposium at Maxwell AFB
- Hosted the 2017 Deterrence Education Summit at Maxwell AFB (GO/SES-level)
- Hosted a DTRA workshop on mobile missiles at the LeMay Wargaming Center

Expert Speakers Visiting Maxwell AFB:
Mr. Jeff Nolan (JCS J5) Mr. David Toczek (USSTRATCOM J5)
Dr. Matthew Kroenig (Georgetown Univ) Mr. Thomas Disilverio (NORTHCOM)
Lt Col Gary McLeod (AL WMD CST) Maj Ranae Doser-Pascual (JAG)
**Goal 2:** Produce quality research on relevant unconventional weapon issues that contributes to policy-making while advancing academic scholarship

Original Research:
- CUWS book, “NPR Next: AY17 Strategic Deterrence Research Papers,” Dr. Mel Deaile and Mr. Al Mauroni
- CUWS book, “Evaluating the Effectiveness of Assurance and Deterrence Missions: AY17 Strategic Deterrence Research Papers,” Dr. Todd Robinson and Mr. Al Mauroni
- AWC Professional Study Paper, “Defining a Class of Offensive Destructive Cyber Weapons as WMD,” Lt Col Benjamin Hatch (AY17 Horner Award)
- ACSC paper, “South Korean Efforts to Counter North Korean Nuclear Aggression,” Maj Aaron Baum (AY17 Miller Award)
- Two professional journal articles (PRISM Journal on Complex Operations, Texas National Security Review)
- Five electronic journal articles published on the internet (Defense One, Modern War Institute, War on the Rocks)

Information Repositories:
- Maintaining a SharePoint site for educational reference material on nuclear deterrence, arms control and nonproliferation, and counter-WMD issues
- Archived all CUWS Outreach Journals, published books and monographs, and Trinity Site papers on the CUWS website

**Goal 3:** Advise Air Force, DoD, and other USG policy-makers by offering critical insights and analysis on current and future (4-15 yrs) challenges posed by unconventional weapons

Social Outreach:
- CUWS Outreach Journal emailed to more than 2,000 recipients across the national security enterprise – average 30 stories per journal, weekly distribution
- Growing Twitter presence (493 followers, up from 376 last year), directly supporting DoD and Air Force outreach efforts

External Engagement:
- Attended 2017 USSTRATCOM Deterrence Symposium
- Participated in 20th Aerospace Symposium, Seoul, South Korea
- Attended USSOCOM Counter-WMD Global Synchronization Conference
- Participated in NDU’s Counter-WMD Education Consortium
- Speaking engagements at Temple University, Japan, and the Korea Advanced Institute of Science and Technology, South Korea
- Participated in the Southern Political Science Association Annual Meeting, ISSS-ISAC Annual Conference, and CFR-Hatachi Fellows Annual Meeting