Annual Report – Academic Year 2022

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 strategic deterrence within the context of military operations

Professional Military Education:
- Air Command and Staff College electives: Homeland Security (9 students), Nuclear Wargaming (3 students), Leadership Theory: Okay, Now How Do I Apply It? (8 students)
- Joint (AWC/ACSC) electives: Deterrence Research Task Force: Advanced Deterrence Concepts (9 students)
- Air Force-wide distance learning courses: CWMD Fundamentals (41 students), CWMD Policy and Strategy (11 students)

Professional Continuing Education (enlisted, officers, and civilians):
- Continued “Strategic Deterrence Basic Course” distance learning for Air Force Global Strike Command, teaching more than 1500 Airmen at multiple AFGSC bases and within AFMC units through the year
- Continued “Strategic Deterrence Basic Course for Executives” for Air Force Global Strike Command senior leaders (July 2021, August 2021)

Expert Speakers Visiting Maxwell AFB:
- Lt Gen James Dawkins, Deputy Chief of Staff for Strategic Deterrence and Nuclear Integration, March 2022
Goal 2: Produce quality research on relevant strategic deterrence issues that contributes to policy-making while advancing academic scholarship

Original Research:
- CSDS Monograph, “Envisioning a New Strategy to Counter Great Power Use of WMD,” by Al Mauroni
- Lt Col Benjamin Jensen, “The Realities of a US-China Cold War,” AY22 Horner Award
- Major Frank Perry, “How Western Mirroring Could Result in Inadvertent Nuclear War with Russia,” AY22 Miller Award
- Four articles in Modern War Institute, War on the Rocks, and Breaking Defense

Information Repositories:
- All books, monographs, and occasional papers archived on the CSDS website
- SharePoint site for educational reference material on nuclear deterrence, arms control and nonproliferation, and counter-WMD issues
- Deterrence Research Knowledge Center taken down due to lack of funds
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 nuclear, biological, and chemical weapons

Air Staff engagement:
- Supported staffing of CWMD competencies and DAFI 10-2601
- Supported HAF/A10F Nuclear Cross-Functional Working Group

Workshops and Courses:
- Instructed 60 students at the George C. Marshall Center in Germany on CBRN terrorism (February 2022)
- Instructed multiple Squadron Officer School electives on strategic deterrence policy and biodefense concepts

Social Outreach:
- Facebook page highlights CSDS activities and CWMD community events
- CSDS News & Analysis ceased publication due to funding shortages
- Continued Twitter presence (829 followers, up from 785 last year), supporting DoD and USAF outreach efforts relating to nuclear deterrence and counter-WMD

External Engagement:
- Participated in the virtual USSTRATCOM Deterrence Symposium in September 2021
- Participated in the Jonathan Tucker CBW Symposium in January 2022
- Participated in the National Intelligence University’s Counterproliferation Program of Research Symposium in June 2022