



CASI Quarterly update  
#2 for 2022

### **Friends of CASI,**

What a great CASI Conference we had. We had a record 306 people registered, with great keynotes from the Secretary of the Air Force, and former Prime Minister Rudd. Thank you to all that attended and all of those who put in the time to make it happen! We will have a series of papers coming out with reflections on the conference and expansions on some of the terrific presentations and discussions held there. So, keep a close eye on our website and social media feeds.

**CASI's Fundamentals of the PLA Course-** We have now held five iterations of our Fundamentals of the PLA course, all to rave reviews. Most recently we deployed our first mobile training team for the course, and then held another iteration the following week here in D.C. Needless to say, we are getting more requests to attend. So, the next course will be held in the Fall.

The course is free and open to all DoD and U.S. government employees, as well as civilian contractors working for the DoD. There is no requirement for a security clearance. If you are interested in attending, please email us at [PLA-Fundamentals@CASI-Research.Org](mailto:PLA-Fundamentals@CASI-Research.Org)

### **Recent Publications**

1. [Attacking the Metaverse](#)
2. [The PRC State & Defense Laboratory System](#)
3. [Unrestricted Warfare is Not China's Master Plan](#)
4. [Enter the Battaverse: China's Metaverse War](#)
5. [PLA Air Force Bomber Force Organization](#)
6. [The True Meaning of the Chinese Air Force's Flying Transport Aircraft Near Malaysia: Airborne Units in Power Projection](#)
7. [PLA Air Force: Bomber Force Training](#)
8. War on the Rocks: [Don't Call it a Gray Zone: China's Use of Force Spectrum](#)
9. The Space Review: [What is China doing at lunar distant retrograde orbit?](#)
10. The Space Review: [Chinese military thinking on orbits beyond GEO](#)

CASI is pleased to offer hard copies of CASI full reports for free. Please see our website at: <https://www.airuniversity.af.edu/CASI/CASI-Publications/> for the full list and for the order form. Please note- most of the articles and short reports are available in PDF only.

## CASI's Competition with China video series

1. [Competition with China: The Tiananmen Square Crisis](#)

### **Support to the Warfighter**

1. Presented PLA Capability to Sustain Air Combat Operations at Carlisle PLA conference
2. Chaired Logistics in Remote Regions and Overseas at the Carlisle PLA conference
3. Supported 324IS leadership/China SMEs
4. Featured speaker at Disruptive Futures Division conference
5. Supported Dover AFB
6. Hosted track 1.5 round table discussion on AUKUS
7. Supported NGIC program
8. Supported 27 SOG Cannon AFB
9. Participated in Evolving Chinese Thinking on Nuclear Employment webinar
10. Lecture and roundtable support to 319<sup>th</sup> OG
11. Supported National Geospatial-Intelligence Agency's Missile and Space Community of Practice
12. Supported multiple events at CORONA TOP
13. Hosted webinar for ACC focused on Taiwan
14. Supported 1 MX Sq at Langley AFB
15. Featured panelist at DTRA event focused on AUKUS
16. Supported ISR200
17. Supported 331st RCS

### **Education**

1. Delivered PLA Fundamentals course
2. Sponsored and completed ACSC elective on the PLA
3. Sponsored and completed AWC elective on the Chinese Warfighter
4. Lectured on Strategic Competition w/ China to nine S/NCOA classes (1,100+ Airmen)
5. Briefed Maxwell Air Force Base's 1st Airman Professional Enhancement Seminar
6. Cyber Case Study selected as finalist and runner-up for AU's Cyber challenge
7. Featured speaker at Air Force Senior Staff Course
8. Featured speaker at Combined Forces Air Component Commander course
9. Briefed 7 NCOA/2 CLA/1 First Shirt Strategic Competition Briefs
10. Featured speaker at PACAF Annual Shirt Conference
11. Featured speaker at Fairfield SEL Annual Conference

### **Engagement and Outreach**

In addition to providing support to Air Force staff, CASI has had another busy quarter supporting the USAF and the DoD, as well as our allies, partners, and friends. CASI:

1. [Featured in AFA Podcast: Understanding How Adversaries Think: China and Russia in Space](#)
2. Featured Speaker 48th Fighter Wing event
3. Recorded a podcast with 48th Fighter Wing Public Affairs

4. Featured speaker at UK MOD Joint Senior Command and Staff College
5. Met with Royal Uniform Services Institute airpower rep
6. Held meeting at International Institute for Strategic Studies
7. Featured speaker at Space Situational Awareness Conference
8. Speaker at the Freeman Aerospace Institute, King's College
9. Met with Lieutenant General Richard Wardlaw, Chief of Defence Logistics & Support
10. Met with Director of Defence Studies, spoke to RAF group
11. Panelist on XGeo panel at SMi conference
12. Taught Institute of World Politics China cyber strategy class for their PhD program
13. Participated in roundtable discussion on Beijing and the Provinces
14. CASI's work highlighted in Air Force Magazine in several articles:
  - a. [Kendall: 'Race For Technological Superiority With China' Warrants Divestments](#)
  - b. [Space Force Can Only 'Mitigate' China-Russia Space Cooperation](#)
  - c. [Dependence on Russian Aircraft Engines Could Prompt China to 'Fix Their ... Problem'](#)
  - d. [Chinese UAV Industry Creates New Challenge for the US Air Force](#)
  - e. [Pacific Allies Worry About Taiwan Invasion, Call for Closer US Cooperation](#)
15. CASI's Josh Baughman's article on the Metaverse was the number one most viewed article for CYBER Magazine of all time
16. CASI's In Their Own Words series was referenced by Deborah Rosenblum, ASD(NCB), in testimony to a House Armed Services Subcommittee
17. Japan's Center for Information on Security Trade and Export Controls (CISTEC) translated CASI's "'Private' Chinese Aerospace Defense Companies" and is providing the translation to Japanese companies subscribing to its services.
18. CASI article on PLA "Made-to-Order" NCOs sparked Task & Purpose article.
19. Participated in a workshop on Sino-Russian military cooperation that was held by the Center for Strategic and International Studies
20. CASI report "Third Combat Brigade of PLA Air Force Likely Receives Stealth Fighters" translated and published in the journal of the Air Command and Staff College of the Japanese Air Self-Defense Force
21. [Featured speaker at Military Cyber Professionals Association national convention HammerCon](#)
22. Interviewed with VOA Mandarin on China Metaverse research
23. Met with Korea Institute of Defense Analyses
24. Met with U.S. Cyberspace Solarium Commission
25. CASI Associate, and first Research Director, featured in [AFA podcast on Airspace Around Taiwan](#)
26. Participated in Joint Space Team—Space Based Solar Power
27. Panelist for [Defense & Aerospace Report podcast The DownLink](#)
28. Featured speaker at Military Space Conference
29. Participated in the Freeman Institutes working group on deterrence
30. Featured panelist for ICAS event with Joseph Nye
31. Featured speaker at China's Future of Cyber Governance Conference
32. [Provided interview on UAV's for The Sun paper](#)

33. Participated in CSIS workshop on Sino-Russian exchange and cooperation in the field of hybrid warfare
34. [Featured on MiCyberSync Podcast to discuss Research on the Metaverse](#)

### **Ongoing**

1. Partnership with with Center for Air and Space Power Strategic Studies
2. Continued working with the Japanese DAO
3. Josh Baughman enrolled in Defense Civilian Emerging Leader Program

### **Events Attended**

1. Building Alliances and Competing with China webinar
2. Competition in the Gray Zone: Countering China's Coercion Against US Allies and Partners in the Indo-Pacific webinar
3. Attended Utah Valley University's The China Challenge Summit
4. The CCP's Ambitions to Control and Manipulate Information Spaces: Theory and Practice
5. Implications of the Russia-Ukraine War for Taiwan
6. The Democratic Future of the Internet
7. The Legality of Commercial-Military Integration

CASI continues its close relationship and holds regular meetings with the HAF and SAF representatives, making sure that our research is policy and plans relevant.

### **Personnel**

We have several positions open. If you, or anyone you know, is interested, please get in touch with us.

CASI Director of Education (at Air University)  
CASI Researcher (GS-12 at NDU)

Keep in contact with us:

CASI website [www.airuniversity.af.mil/CASI/](http://www.airuniversity.af.mil/CASI/)

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As always, please feel free to send this update, or our website/ contact information, to anyone you feel might be interested in CASI or our research. Let us know if you have any thoughts, requests for support, or ideas for future papers and projects.