

Dr. Hans C. Mumm

Dr. Mumm has spent a combined twenty-eight years in government and contractor service building teams to address hard problems in the areas of national security, homeland security, and advanced technologies. He was the Division Chief for Cyber Security at the Office of The Director of National Intelligence (ODNI) programming and executing a budget of over \$140M. Subsequently, he accepted a Branch Chief position with the CIA and built a unique set of continuous monitoring capabilities in support of the ICD503 Risk Management Framework. His achievements include establishing a rogue wireless framework, as well as the funding, technology, and teams to support the ICD 503 initiatives. His programmatic responsibilities included the auditable financial statements of assigned programs, the long-range planning for next-generation systems included tracking working capital funds through the CBJB and POM submissions.



He gained notoriety during Operation Iraqi Freedom as the officer in charge of the “Iraqi Regime Playing Cards; CENTCOM’S Top 55 Most Wanted List,” which was touted by the Defense Intelligence Agency (DIA) as one the most successful Information Operations (IO) in the history of DIA. Due to combat injuries, he was medically retired through the Wounded Warrior Transition Program and was a direct hire to the ODNI. The successes of his teams live in history books, technology journals, and military museums.

Dr. Mumm is a proven leader in a diverse set of fields, including autonomous systems, AI/machine learning, energy research, advanced fuel systems, nuclear energy use and technologies, cognitive scientific research, and all aspects of the military intelligence communities. He is a published researcher in both the scientific and social science arenas and has won grants and contracts to further test and evaluate his original research. He has notable experience in research and systems engineering, which includes winning awards and contracts for UAV research and the creation of an advanced multiple fuel system (AI-based) where he operated the world’s first and only helicopter that flies on five separate fuels without engine modifications. His research extends into emerging and disruptive technology for offensive and defensive missions supporting US and coalition operations. His UAV and robotics expertise has focused on determining the specific uses, exceptions, and allowances for robotics operations, including studying the unintended consequences, future use, and misuse of such technologies.

Dr. Mumm holds a Doctorate of Management with a concentration in Homeland Security from Colorado Technical University (CTU), an MS in Strategic Intelligence from American Military University (AMU), and a BS in Management from Chadwick University. His military education includes dozens of in-residence strategic and tactical courses, as well as specialized intelligence disciplines, leadership, and management courses.

Dr. Mumm was entered into US Congressional Record (E1201-E1202 Sept 5, 2018) for his decades of dedication and service to the United States of America. He has earned twenty-three personal military ribbons/medals, including six military unit medals/citations, and two Directors Awards, from the Defense Intelligence Agency. In 2016 he was awarded the People of Distinction Humanitarian Award as well as being granted a US Patent and Trademark for How to Harmonize the Speed of Innovation and Change with the Human Spirit’s Need for Leadership. In 2005, Dr. Mumm was recognized as one of the “Ten Outstanding Young Americans,” and in 2003, he was awarded the National Defense PAC “American Patriot Ingenuity Award” for his service during “Operation Iraqi Freedom.”

Dr. Mumm is an adjunct professor at the California University of Pennsylvania (CALU), instructing Homeland Security courses in the Criminal Justice Department.

He recently co-authored "Drone Delivery of CBNRECy – DEW WEAPONS -Emerging Threats of Mini-Weapons of Mass Destruction and Disruption (WMDD) the sixth in a series of textbooks, which includes two editions titled “Unmanned Aircraft in the Cyber Domain; Protecting USA’s Advanced Air Assets”, “Unmanned Vehicle Systems & Operations on Air, Sea, Land,” and an early 2020 book titled “Counter Unmanned Aircraft Systems Technologies and Operation.” These textbooks are a follow-up to his international best-selling book in 2017 titled “Lightning Growth” and his best-selling book in 2015 titled “Applying Complexity Leadership Theory to Drone Airspace Integration.”

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