



CDAO

Chief Digital & Artificial
Intelligence Office



DR. WILLIAM (BILL) W. STREILEIN

Chief Technology Officer

United States Department of Defense

BIOGRAPHY

Dr. William W. Streilein is the Chief Technology Officer for the Chief Digital and AI Office of the DoD, providing strategic awareness, direction and leadership for enterprise scale data, analytical and AI capabilities.

Prior to his current role, Bill worked at MIT Lincoln Laboratory where he served as principal staff in the Biotechnology and Human Systems Division. He supported efforts across the division focusing on concept, strategy, and program development in bioengineering, bioinformatics, and biodefense and leveraged his technical and leadership experience to emphasize the application of artificial intelligence (AI) and machine learning to solve national biosecurity, health, and human performance challenges. Bill was also the leader of the Cyber Analytics and Decisions Group, where his research interests focused on cyber security, passive network and traffic analysis, streaming analytics, and computer vision. Prior to MIT Lincoln Laboratory, Streilein spent nine years working as a software engineer within the private sector.

He serves as a chair of the Artificial Intelligence for Cyber Security (AICS) and Robust Artificial Intelligence Systems Assurance (RAISA) academic workshops and is a senior member of the Institute of Electrical and Electronic Engineers (IEEE) and an active member of the Association for the Advancement of Artificial Intelligence (AAAI). Bill is a recognized leader in areas such as machine learning, artificial intelligence, cyber security, and statistical analysis.

Dr. Streilein holds a BA degree in mathematics from Austin College, an MM degree in electronic and computer music from the University of Miami, and a PhD degree in cognitive and neural systems from Boston University. He is a senior member of the IEEE. He has been at Lincoln Laboratory since 1998.