

User:Apyster

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Art Pyster is the Lead Editor for Part 6 of the SEBoK.

Throughout his career, Art Pyster has played a leading role with systems and technologies in telecommunications, aerospace, defense, air traffic control, and computing.

Pyster's proudest professional accomplishments prior to coming to George Mason University in 2016 are (1) standing up and operating the Systems Engineering Research Center, which is the largest and most impactful academic research program in systems engineering in the nation, (2) leading the development of the Systems Engineering Body of Knowledge (SEBoK), (3) applying novel engineering processes at Digital Sound Corporation to develop extremely low-defect commercial telecommunications systems; and (4) as the Federal Aviation Administration's Deputy Chief Information Officer, leading its information security efforts, software research program, and IT policy development, and serving on the FAA's investment review board which oversaw more than \$3 billion annually.

At Mason, Pyster is a professor of systems engineering, but his primary role is associate dean for research in the College of Engineering and Computing (CEC). In that capacity, Pyster oversees the CEC research portfolio which has rapidly grown to an anticipated value of over \$400M with annual expenditures approaching \$70M. Pyster continues to oversee the SEBoK. He is an INCOSE Fellow, Founders Award recipient, and Pioneer Award recipient. Pyster has authored more than 70 papers and two books

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