



Christopher Gettinger

*Director, Advanced Propulsion and Systems
Northrop Grumman Defense Systems*

Christopher (Chris) Gettinger is director of the advanced propulsion and systems market segment for Northrop Grumman's Missile Products Business Unit within the Weapons Systems Division.

In this role, he manages Northrop Grumman's portfolio of airbreathing hypersonic propulsion programs, including missile and platform propulsion, and hypersonic test products and services.

Prior to Northrop Grumman's 2018 acquisition of Orbital ATK, Gettinger was a 14-year veteran of ATK, which merged with Orbital Sciences in 2015 to become Orbital ATK. During this time he held several roles supporting propulsion development, performance modeling, engine testing and flight testing.

Previously, Gettinger gained experience at Pratt & Whitney in hypersonic engine development working performance modeling, engine design and propulsion integration for scramjet and combined-cycle systems on the HySET, AARMD, X-43B and X43C programs.

He began his career at Boeing/McDonnell Douglas working hypersonic propulsion integration and vehicle trajectory optimization where he held responsibilities including aerodynamics and wind tunnel testing support for JDAM, propulsion performance and flight test support for the F/A-18E/F Super Hornet and engine component performance improvement (CIP) for the F-405 engine in the T-45 trainer.

Gettinger holds both a Bachelor's degree and Master's Degree in aerospace engineering from Missouri S&T. His master's research on the application of thrust recovery and mission-based analysis techniques to hypersonic vehicles was funded by the Hyper-X program office and conducted under Dr. David Riggins.