

NASA Intern Mentored

This summer, R&E welcomed NASA-sponsored intern Dunica Macide who was mentored by System Engineering Manager Theodora Saunders. Dunica's work focused on the requirements development process improvements initiative using Model-Based Systems Engineering (MBSE) tools. Requirements development had been identified as an ACE Critical To Quality process forming the foundation for successful programs execution.

“Whether requirements are external customer-driven or Sikorsky enterprise-driven, these tools and processes are essential for meeting performance objectives within cost and schedule,” said Saunders.

Dunica used systems engineering process and methodologies including the Design Structure Matrix (DSM) and CORE

software to model the system engineering standard process focusing on the requirements development. The CORE software enables integration of all aspects of requirements analysis, systems architecture, and verification and validation in support of the full product development life cycle.

“By mentoring young engineers, we continue to further Igor Sikorsky's legacy, while strengthening the competitiveness of America's aerospace industry,” Saunders said.

Last year's NASA intern, Nick Pezzente, went on to join Sikorsky's University of New Haven Engineer-in-Residence program.



▲ Theodora Saunders (left) stands with Dunica Macide in the Stratford Administration Lobby.