

THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE
The William States Lee College of Engineering
**Engineering Management Program &
Center for Lean Logistics and Engineered Systems**

Industrial and Technology Management Seminars

EMGT 6980

Dr. Gary Teng

5:30 pm – 6:20 pm, 2/6/2006 (Monday)
Cameron Applied Research Center, Room 101

Managing Complexity in Product Development

Stephen D. Elgin
Sr. Director, Detection Systems
General Dynamics Armament and Technical Products

Steve Elgin is Senior Director of the Detection Systems business area for General Dynamics Armament and Technical Products (GDATP) headquartered in Charlotte, North Carolina. Appointed to this position in April, 2005, he manages GDATP's chemical and biological defense systems product line. In 2003-2004, prior to assuming his current position, Mr. Elgin was Senior Director of Systems Engineering for GDATP. In that role, he initiated and managed a broad range of company-wide engineering initiatives aimed at the effective design, development and integration of complex multi-technology products.

After leaving National Aeronautics and Space Administration (NASA) in 1997, Mr. Elgin joined GDATP where he served in system engineering, project engineering and then program management roles developing defense systems including the Army's M777 howitzer fire control system and the Crusader advanced artillery system.

Mr. Elgin began his career in 1987 with NASA at what is now the Glenn Research Center in roles involving the design, test, integration and flight operations of scientific payloads on the space shuttle and expendable launch vehicles.

Mr. Elgin holds a BS degree in engineering from the University of Akron, Ohio and an MS degree in engineering from Case Western Reserve University in Cleveland Ohio.