

The Life Cycle Executive Leadership Program (LCELP) was developed in response to requests for an educational program focused on the business aspects of managing product and system life cycles. The Institute for Defense and Business (IDB) designed this one-week program for military, DoD, and private sector leaders challenged with implementing life cycle initiatives within their respective organizations. The IDB partnered with the Schools of Industrial and Systems Engineering at North Carolina State University (NCSU) and North Carolina A&T State University (NC A&T) to provide tailored instruction on effective and affordable life cycle design.

Participant Profile: The target audience for this program includes leaders, project managers, and system integrators from the military services, the DoD, and the private sector responsible for acquisition or sustainment of defense-related programs, products, and systems. Ideal participants include O4-O6 grade military officers, GS-13 to GS-15 government civilians, and their private sector equivalents. The program is designed for both non-engineers and engineers interested in developing a deeper understanding of life cycle theories, practices, and techniques. The program will emphasize the business aspects of life cycle design and support decisions.

Partner Schools & Featured Faculty:

- NCSU's School of Industrial and Systems Engineering, ranked 13th among U.S. engineering schools by the *U.S. News & World Report*.
- NC A&T, ranked highly by the Carnegie Foundation for their many research initiatives funded by leading private sector companies and government agencies.
- Distinguished professors and thought leaders – experts in topics ranging from business transformation to disruptive innovations and strategy.

Learning Objectives:

- Life Cycle Approaches to Systems Design and Improvement
- Concurrent Engineering and Design for Sustainment
- Capability-driven Strategy
- Investment in Life Cycle Approaches
- Disruptive Technology & Organizational Innovations
- Wireless Communications for Strategic Innovation
- Leadership for Change
- Reducing Life Cycle Costs in the Supply Chain
- Successes in Life Cycle Cost Reduction/Investment

Applied Knowledge: Prior to the program, each participant submits a problem statement outlining a life cycle management challenge that they face in their job. These statements are distilled into five to seven common topics, which are assigned to working groups comprised of participants with similar challenges. The working groups meet regularly during the week to explore potential solutions, exchange ideas, and apply lessons from sessions presented during the program. On the final day participants brief a professor and a senior military and/or private sector leader on their proposed solutions.

Tuition: Tuition for the program is \$6,000, which includes program materials as well as room and board at UNC Kenan-Flagler's premier executive education facility the Paul J. Rizzo Conference Center. The inaugural offering is scheduled for Aug 9-14, 2009 with the second offering planned for December 6-11, 2009.

Life Cycle Degree Offering: The IDB suite of offerings in the Life Cycle Management area includes a new Masters of Life Cycle Systems Engineering with the degree granted by NCSU in partnership with NC A&T. This 16-month degree program consists of four semesters of distance courses punctuated by four week-long residencies. This masters program culminates in an applied capstone project. The first residency for the inaugural class is scheduled for August 2010 and students will graduate in December, 2011.

The Institute for Defense and Business facilitates ongoing information exchange and partnership between Department of Defense, other government agencies, and the private sector. Our flagship initiatives are the Center of Excellence in Logistics and Technology (LOGTECH) which includes an MBA Program, Executive Education, and the Depot and Arsenal Executive Leadership Program. Other IDB programs include: Log21, a leadership development program for early career logisticians; the Military Exchange and Commissary Leadership Program, focused on improving defense resale activities; and the Center for Stabilization and Economic Reconstruction, which delivers a range of programs that facilitate collaboration in stability operations and crisis environments.

Program Contacts: For more information, please see the program website www.lcelp.org or contact one of the following:

- Van Noah, P.E., Program Director, noah@idb.org, 919-969-8008
- Theresa Esposto, Director, Industry Relations, espосто@idb.org, 919-969-8008



Dr. Paul M. Stanfield, Chairman and Associate professor Department of Industrial and Systems Engineering, North Carolina A&T State University, in the classroom.



PROGRAM SCHEDULE

Sunday, August 9	Monday, August 10	Tuesday, August 11	Wednesday, August 12	Thursday, August 13	Friday, August 14
PARTICIPANT ARRIVALS at the Paul J. Rizzo Conference Center At Meadowmont, Chapel Hill, NC	Breakfast 6:30 – 8:00 a.m.	Breakfast 6:30 – 8:00 a.m.	Breakfast 6:30 – 8:00 a.m.	Breakfast 6:30 – 8:00 a.m.	Breakfast 6:30 – 8:00 a.m.
	Welcome and Opening Remarks 8:00 – 9:00 a.m.	Nuggets 8:00 – 8:15 a.m.	Nuggets 8:00 – 8:15 a.m.	Nuggets 8:00 – 8:15 a.m.	Nuggets 8:00 – 8:10 a.m.
	Setting the Life Cycle Stage GEN Paul J. Kern, USA (Ret.), President and Chief Operating Officer of AM General 9:15 - 10:30 a.m.	Concurrent Engineering: Dr. Paul Cohen NC State University	To Transform or Not: Hardwired for Yesterday? Dr. Hugh O'Neill UNC-Chapel Hill	A Systems Approach to Life Cycle Optimization Dr. Russell King NC State University	Group Report-outs and discussion 8:15 – 10:30 a.m.
	A Life Cycle Approach to Systems Design and Improvement Dr. Paul Stanfield NC A&T State University 10:30 a.m.– 12:00 p.m.	8:15 a.m.– 12:00 p.m.	8:15 a.m.– 12:00 p.m.	8:15 a.m.– 12:00 p.m.	Closing Remarks Mr. John Sells Logistics & Sustainment Corp. Engineering & Tech, Lockheed Martin 10:45 – 12:00 p.m.
	Lunch 12:00 – 1:00 p.m.	Lunch 12:00 – 1:00 p.m.	Hot Topic Lunch Joe Grosson PBL 12:00 – 1:30 p.m.	Group Topic Lunch Allan Manning SAS Data Analytics 12:00 – 1:00 p.m.	Evaluation Session 12:00 – 1:00 p.m.
	A Life Cycle Approach to Systems Design and Improvement Dr. Paul Stanfield NC A&T State University 1:00 - 4:00 p.m.	Disruptive Technology & Organizational Innovations Dr. Michael Roach UNC-Chapel Hill 1:00 - 5:00 p.m.	Leadership for Change Prof. Steve Jones UNC-Chapel Hill 1:30 - 2:30 p.m.	Enterprise Evolution In Life Cycle Management VADM Wally Massenburg, USN (Ret.), Vice President, Readiness & Sustainment, EI&S BAE Systems 1:00 - 5:00 p.m.	PARTICIPANT DEPARTURES The program ends at 1:00 p.m. Please schedule all return flights for departures after 3:00 p.m.
	Launch Participant Project Teams 4:00 - 5:00 p.m.	Reducing Life Cycle Costs in the Supply Chain Dr. Linda Sprague, CEIBS2:30 - 5:00 p.m.			
	6:00 p.m Opening Reception and Dinner DuBose House, Introductions Mr. Van Noah, P.E.	5:30 p.m. Dinner DuBose House 6:30 p.m. Design Simulation/Game Dr. D. Clay Whybark, Professor of Operations Meadowmont Room	6:00 p.m. Reception and Dinner DuBose House After-Dinner Speaker: Mr. James G. Brunke, President and Owner Brunke Associates, LLC	6:00 p.m. Dinner DuBose House 7:00 p.m. Optional Shuttle to Top of the Hill Networking Evening	6:00 p.m. Reception 6:30 p.m. Graduation Dinner Meadowmont Room Graduation Remarks: VADM Paul Sullivan, USN (Ret.), IDB Executive Fellow

Title	Position	Organization	Organization Detail
Ms.	Simulations and Systems Integrator	U.S. Army	Logistics Innovation Agency
	Deputy Director of Quality	Red River Army Depot	
LtCol	G4 Supply Officer	U.S. Marine Corps	5th MLG
Ms.	Project Manager	U.S. Navy	Navy Supply Information Systems Activity (NAVSISA)
Mr.		Lockheed Martin	
Mr.	Program Manager	Boeing	International Apache Support
Mr.	Supervisory Program Analyst	U.S. Navy	Fleet Industrial Supply Center Jacksonville
Mr.	Director, Strategy & Growth	Boeing	Global Transport & Executive Systems
	Logistics Data Architecture	U.S. Navy	Naval Sea Systems Command (NAVSEA)
Mr.	Chief, Logistics Data Program Provisioning Branch	Defense Logistics Agency	Program Manager
Dr.	Chief, Domain Group	U.S. Army	Logistics Innovation Agency
CAPT		U.S. Navy	
Mr.	Program Manager II	BAE Systems	
Mr.	Electronics Engineer	U.S. Army	Tobyhanna Army Depot Production Engineering Directorate
Mr.	Sr. Section Manager, Logistics Support Operations	Lockheed Martin	Milssiles and Fire Control-Dallas
CDR	Director, Weapons System Support Department	U.S. Navy	Naval Inventory Control Point, Mechanicsburg
Mr.	Manager, Logistics Support Projects	AM General	Service Parts and Logistics Operations
	Program Manager Competency Lead	U.S. Marine Corps	Marine Corps Systems Command (MARCORPSYSCOM)
Mr.	Product Support Senior Manager	Boeing	Defense & Government Services
Ms.	Supervisor, Business Systems Analysts	Defense Logistics Agency	
Mr.	Professor, Life Cycle Logistics	Defense Acquisition University	
Dr.	Logistics & Fleet Support Deputy	U.S. Navy	SPAWARSYSCOM
Mr.	Chief, Quality and Technical Programs	U.S. Army	Communications-Electronics Research Development
LCDR	Action Officer	U.S. Navy	OPNAV Staff (N4)
CDR	Director, Aircraft Engines-Integrated Weapon Systems Team	U.S. Navy	Naval Inventory Control Point, Philadelphia
Ms.	Project Engineer Principal	Lockheed Martin	