



## CT&E News

The CT&E has seen many changes this spring with leadership, staffing, and a new office space that unites the core administrative and development staff of the CT&E with the USNTPS Short Course Department in the USNTPS school house. We are happy to be back together in a joined office where we can equally support both the CT&E and USNTPS.

In May 2015, we said goodbye to Mr. Steve Cricchi, 29.5 year veteran of T&E and former Director, Integrated Systems Evaluation, Experimentation and Test (ISEET) Department (AIR-5.1). Mr. Cricchi now serves as the Assistant Commander for Corporate Operations and Total Force (AIR-7.0). We also said goodbye to our founding officer, Ms. Leslie Taylor, formerly the Director, Flight Test Engineering (AIR-5.1) and CT&E Chief of Academics, who's vision for the CT&E (formerly the Naval Aviation Test and Evaluation University (NATEU)) was realized when 20 students successfully completed their core classes as Cohort Zero in May 2010. Ms. Taylor continues to be a CT&E advocate from her new position as the Deputy Assistant Commander for Test and Evaluation (AIR-5.0A).

Upon their departure we gained Mr. Keith Sanders, who was appointed as the new director of ISEET where he is responsible for the efforts of more than 3,000 personnel performing flight test and experimentation for the Naval Aviation Enterprise and other customers. Mr. Sanders brings 45 years of civilian service with the Navy to AIR-5.1. We look forward to working with Mr. Sanders to continue offering our classes to the flight test community. ✦

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## CT&E School of M&S Graduation

### STUDENTS CELEBRATE THEIR SUCCESS IN RECEIVING THE FIRST MODELING AND SIMULATION GRADUATE CERTIFICATE

Imagine completing four master's degree level courses in less than one year, while maintaining a full time job. Through a partnership between the College of Test and Evaluation's (CT&E) School of Modeling and Simulation (M&S), within NAVAIR University, and Old Dominion University (ODU) four-



NAVAIR Visual Information Department

Photo from left to right: Dr. John Sokolowski, Leslie Taylor, Fahad Ahmed, John Bohanan, Greg Mabry, Amy Markowich, Greg Faulstich, Dennis Reed, Jared Angus, Cao Nguyen, Commissioner Todd Morgan, Jason Catterton, Jessica Howard, Eric O'Neill, Jesse Gray, Chris Cheok, Christian Riddle, Jonathan Voda, Johana Mercado-Perez, Nichole Wingate, Delegate Deb Rey standing in front of the M&S Demonstrations that were available for students and guests to enjoy.

teen students from Integrated Battlespace Simulation and Test (IBST), AIR-5.4 and Air Vehicle Engineering, AIR-4.3 accomplished that challenge and earned the first graduate certificate offered in M&S.

Distinguished guests, families, and friends celebrated their achievement in a graduation ceremony held on 18 June in Patuxent River, Md. Ms. Amy Markowich, School of M&S, Dean, and IBST Director, expressed her pride in the students who put forth the effort to excel in this innovative program.

"It is essential our workforce has the fundamental knowledge to employ M&S across everything that we do. The time invested to enhance your skills and understanding of M&S will enable you to build more innovative products and to conduct research, development, test, evaluation, and training utilizing Live, Virtual, Constructive environments," said Markowich.

Although many of the students found the program to be strenuous due to the compressed schedule and extensive workload, they agreed that given the opportunity, they would continue their education in the same structure. Students can earn a Master of Engineering Degree in M&S by completing six more online classes through ODU.

"Our goal is to offer more than just training classes," said Markowich, "This unique opportunity builds a foundation to encourage and enable students to pursue an advanced degree in M&S and perhaps change the course of their careers."

Jared Angus, IBST Computer Scientist said, "I loved and appreciated this opportunity. These classes were extremely challenging. It is possible to condense a semester of work into one week of hard study, but you need to be very focused. This type of opportunity makes succeeding that much more fulfilling. I really hope we have the opportunity to take further classes in the master's curriculum."

The next M&S Certificate Program is scheduled for fall of 2015. More information about the program and a complete list of courses can be found on the NAVAIR University website, <https://navairu.navair.navy.mil/>. ✦

By Allison Hoover, Integrated Battlespace Simulation and Test Department

# CT&ENAWCWD Establishes TEDP

Journeyman-level engineers and scientists continue to expand their knowledge of the operational modern warfare environment through NAWCWD's Tactical Engineering Development Program (TEDP). Naval Postgraduate School (NPS) faculty, active-duty military instructors (Navy and Air Force) and NAWCWD subject matter experts continue to present TEDP curriculum through a series of multi-media courses and hands-on training events within the Night Vision Systems Laboratory and the Tactical Operational Flight Trainer (TOFT). The TEDP curriculum is designed to put warfighter tactics, the operational warfare environment, and the students' role within that environment, into context. Through the 'big picture' approach, the TEDP helps NAWCWD engineers and scientists to better understand how their work impacts operational safety and success for the warfighter. Selected students and their sponsoring organizations must commit to a robust curriculum, some homework assignments and an extensive delivery of courses. Over the short span of four months (May-August), students attend six weeks of class, totaling 25 work days, of which four are TAD, in addition to four hands-on training events (two flight simulator periods, one night vision lab, and one static tour of F/A-18 and associated weapons). TEDP graduates leave the program with a sharper understanding of operational warfare and ways to implement the lessons learned within their respective competencies/technical project offices.

Their workforce is directly impacted as TEDP graduates provide:

- Increased efficiency in project development, systems design and execution
- Enhanced intuitive understanding of their program's operational requirements
- Concepts and designs that more adequately support the warfighter
- Improved Integration and Interoperability (I&I) of weapons systems
- Increased engagement with the warfighter/customer through a better understanding of Naval Aviation and the role of NAWCWD scientists and engineers

For more information on the TEDP please contact Mr. Ian Anderson (760) 939-4032, [ian.c.anderson@navy.mil](mailto:ian.c.anderson@navy.mil). ★

## USNTPS News

June was a busy month at USNTPS with the graduation of 33 students in class 147 on 12 June, and the change of command on 18 June in which Commanding Officer (CO) Lieutenant Colonel Gregory S. Fortier United States Army (Class 133) relieved command to Lieutenant Colonel Timothy A. Davis United States Marine Corps (Class 125).

June eighteenth marks the end of 20 months in which the entire front office of USNTPS was held, for the first time, by a non-Navy command. As we say goodbye, we also welcome CDR William E. Hargreaves, U.S. Navy, (Class 126) as our new Executive Officer. CDR Hargreaves comes to USNTPS from his last tour at the H-60 Multi-Mission Helicopter Program Office (PMA-299) where he was responsible for production of both the MH-60R and MH-60S variants.

In attendance at the ceremony were guest Speaker Vice Admiral (VADM) David Dunaway, Commander, NAVAIRSYSCOM, (Class 96); Rear Admiral (RDML) Dean Peters, Commander, NAWCAD, (Class 102); Captain (CAPT) Brett Pierson, Commander, Naval Test Wing Atlantic, (Class 108); and past and present staff, students, and families of USNTPS. ★



Photo from left to right: LTC Gregory Fortier relieves his command with a salute to LtCol Timothy Davis, the 46th CO of USNTPS.

US Navy photograph by Liz Wolter

## CT&E Course Calendar

CL CHINA LAKE, CA | OR ORLANDO, FL | PM POINT MUGU, CA  
PAX PATUXENT RIVER, MD | COHORT RESERVED | OPEN AVAILABLE FOR ALL

JULY 2015			
28-30	CTE-HWI-210	Effective Writing for Engineers	PAX
29	CTE-NTSB-TWA800	Safety Seminar on TWA800	PAX
AUGUST 2015			
3-6	CTE-KUA-214	Digital Flight Control Systems: Analysis and Design	PAX
4-5	CTE-SPE-210	Mass Properties	PAX
4-5	CTE-OTF-200	Operational Testing Fundamentals	OR
4-7	CTE-LTI-216	System and Network Security Intro	PM
11	CTE-IT-201	iReport Basic User Training	PAX
11	CTE-IT-111	iTEST User Training APMT&E	PAX
11-13	CTE-3DS-210	Geomagic Design X	PAX
11-13	CTE-ATI-210	Fundamentals of Link 16/JTIDS/MIDS	PAX
12	CTE-SLS-202	Developing Rainbow Charts	PAX
12-13	CTE-OTF-200	Operational Testing Fundamentals	PAX
12-13	CTE-ITE-100	Indoctrination to T&E - COHORT	CL
17-28	CTE-TPS-SYS	Introduction to Aircraft and Systems T&E (USNTPS)	PAX
17-19	CTE-EES-210	Effective Executive Speaking	PAX
17-20	CTE-ADA-210	Fundamentals of Electronic Warfare	PAX
17-21	CTE-GBK-210	Troubleshooting TCP/IP Networks Using Wireshark	PAX
18-20	CTE-MTL-200	MATLAB Basics I	PAX
18-20	CTE-GIT-225	Target Tracking Concepts	PAX
18-21	CTE-LTI-217	Windows Server 2008 Administration	PM
24-27	CTE-LTI-210	A Comprehensive Introduction to Networking	CL
25-26	CTE-SIY-210	Executive Leadership Program	PM
25-27	CTE-TP-100-COH	Test Planning - COHORT	PAX
31-03	CTE-BAI-210	Risk Management Framework for DoD IT	CL
SEPTEMBER 2015			
1-2	CTE-ATI-210	Autonomous Underwater Vehicle (AUV) and Remotely Operated Vehicle (ROV) Technology	PAX
1-4	CTE-GIT-228	DRFM Technology	ATL
8-10	CTE-TR-100-COH	Test Reporting - COHORT	PAX
8-10	CTE-APM-100	System Test & Experimentation Management Boot Camp	PAX
14-17	CTE-ABA-211	E-2 Structural Engineering Composite Repair	PAX
14-17	CTE-FTB-100	Flight Test Basics - COHORT	CL
14-15	CTE-GIT-226	Cyber Vulnerabilities, Embedded Systems	PM
15	CTE-TGS-210	Tactical Combat Casualty Care	PAX
15-16	CTE-CLR-200	China Lake Ranges 101	CL
16-17	CTE-GIT-227	Cyber Electronic Warfare Convergence	PM
21-22	CTE-ITE-100	Indoctrination to T&E - COHORT	PAX
Register for courses at: <a href="https://navairu.navair.navy.mil">https://navairu.navair.navy.mil</a> . For more information, contact your training coordinator:			
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