

**FIRST ANNUAL PURDUE / NSWC CRANE/DoD CONTRACTOR EDUCATIONAL
SUMMIT
APRIL 8TH – 9TH, 2019
HALL OF DISCOVERY AND LEARNING RESEARCH - ROOM 131
RECAP**

The **First Annual Purdue/NSWC Crane/DoD Contractor Workforce Educational Summit** on April 8th and 9th was a great success! Your attendance, support, and guidance were greatly appreciated and recognized!

The Summit brought together more than **80 key stakeholders** from **Purdue, NSWC Crane, Crane Army Ammunitions, and the Defense Contractor Industry** with the goal of developing and encouraging deeper collaboration and activities to support the DoD community through workforce educational programming and research.

Participants heard from **Tomás Díaz de la Rubia**, VP for Discovery Park, on the university's commitment to Crane; **Dan DeLaurentis**, Director for iGSDI, on the global impacts this collaboration will support; **Patricia Herndon**, Director Special Warfare and Expeditionary Systems, on the needs for academic collaboration in Crane's thrust areas related to education and research; industry representatives' **Greg Sapp** from Artisan Electronics, **Jim Parsch** of TRISTAR and **Jack Terrell** from SAIC gave presentations on the importance of collaboration between industry, government and academia to support the WestGate Technology Park.

Attendees learned more about the dual **Purdue/Cranfield Dual MSc in Defense Engineering and Technology** with Concentration in Expeditionary Warfare opening this summer at WestGate Academy in Odon, IN. The dual MSc degree will be the first to be offered by Purdue for NSWC Crane and the defense community. Professor Stephen Beaudoin, director of the Purdue Energetics Research Center (PERC), is taking the lead to direct the program.

The attendees toured the Zucrow, Herrick, Flex, Birck, VIPER, and Armstrong labs in the company of Peter Bermel, Associate Professor of Electrical and Computer Engineering, and Tim Manship, a Research Scientist from PERC. Professors Vilas Pol and Vikas Tomar provided the attendees a tour of the battery labs. The Purdue Quantum Science and Engineering Institute provided a discussion on the future of research related to quantum sciences and its potential impact to defense industry.

Feedback from the attendees has been outstanding and we have recommended an annual summit be established in conjunction with a 6 month report out meeting.

Important Takeaways and Follow-ups:

1. The two Purdue courses to be offered this summer at the WestGate Academy, as part of the Defense Engineering and Technology Dual MSc were identified and are listed

below. Course descriptions, admissions instructions, and logistical information will be forthcoming.

1) Big Data Analytics: July 22nd – 26th

2) Chemistry and Engineering of Energetics: August 5th – 9th

2. Crane will work with Purdue and Cranfield universities to host recruiting drives for course awareness tentatively on May 15th at the WestGate Academy. More details will be provided.
3. Future outreach events will be planned to support continued collaboration between Purdue faculty, Crane and the defense contractor community. Recommendations for future events at WestGate and the West Lafayette campus are being considered.
4. Information on how start-ups can engage with Crane for tech transfer was requested. A process for engaging start-ups who attended the summit with the WestGate Academy events on tech transfer will be initiated. Current options include communicating events and information through a dedicated web portal or through the iGSDI website.
5. The **Purdue Faculty Advisory Committee (PFAC)** will continue to identify faculty who are experts in the focus areas presented by Ms. Herndon to prepare and teach courses to support Crane's skill up efforts.
6. An **Industry Advisory Academic Committee for WestGate (IAACWG)** will be established to allow for greater communication with the PFAC related to educational programming needs at WestGate.
7. **Resources** including presentation slides, faculty expertise page, and upcoming information from the Purdue Faculty Academic Advisory Committee (PFAC) and the Industry Academic Committee for WestGate (IAACWG) will be posted on a Purdue Resource Page and sent to attendees and stakeholders as a reference and for upcoming events and information.

Again, thank you for your continued support and guidance.

With kind regards,

Doreen Gonzalez-Gaboyan, Academic Program Manager for WestGate
Purdue Faculty Advisory Committee (PFAC)