

Connect to Mission

November 5, 2024

Featuring: Speakers and Information from the
Team Crane Commands



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Welcome

Kent Parisien, *CRDG President*

CRANE REGIONAL
DEFENSE GROUP
★★★★★



Crane Regional Defense Group

Our Mission:

To elevate the strategic value of Crane and expand southern Indiana's defense innovation ecosystem through defense-related outreach and legislative initiatives that enhance military missions in the region.

Our Objectives:

Educate & Inform - Educate and inform the business, citizens, and governments of the region about the economic and cultural benefits of a strong military presence in the region and the importance of the related regional infrastructure.

Promote Defense - Serve as a catalyst to promote defense ecosystem assets within NSA Crane and throughout the Indiana Uplands region.

Stimulate Relationships - Through the diversity of the membership, coordinate with various entities who have similar interests in maintaining a healthy and stable community, economy, and DOD installations in our region.



Crane Regional Defense Group

THANK YOU

CRDG MEMBERS FOR YOUR SUPPORT!

APPROACHING
OUR 2024 GOAL OF

1000

MEMBERS

CRANE REGIONAL
DEFENSE GROUP



Crane Regional Defense Group



C2M EVENTS



Agenda

- **Team Crane Command Welcome:** *Mark Dobbs, NSA Community Planning Liaison Officer*
- **Crane Army Ammunition Activity:** *Tom Peske, CAAA Business Development Manager*
- **Team Crane Facilities Panel**
- **Networking Break**
- **NSWC Crane Corporate Operations Department:** *Brent Voigtschild, NSWC Crane Corporate Operations Department Director*
- **Corporate Operations Future Needs Panel:** *Garry Wieneke, NSWC Crane Corporate Operations Deputy Department Director (Facilitator)*
- **Technology Transfer:** *Maria Duran, NSWC Crane Technology Transfer Director, Office of Research & Technology Applications (ORTA)*
- **Midwest Tech Bridge:** *Christopher Williamson, NSWC Crane Deputy Director of Midwest Tech Bridge & Intellectual Property Portfolio Manager*
- **Thank You to Team Crane**
- **Networking Break**
- **Closing Comments & First Tuesday Event with PRF**



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Team Crane Overview

Mark Dobbs

NSA Community Planning Liaison Officer

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Crane Army Ammunition Activity

Tom Peske

CAAA Business Development Manager

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Team Crane Facilities Panel

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Networking Break

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NSWC Corporate Operations Department

Brent Voigtschild

NSWC Crane Corporate Operations Department Director



NSWC Crane – How to Work With Us!



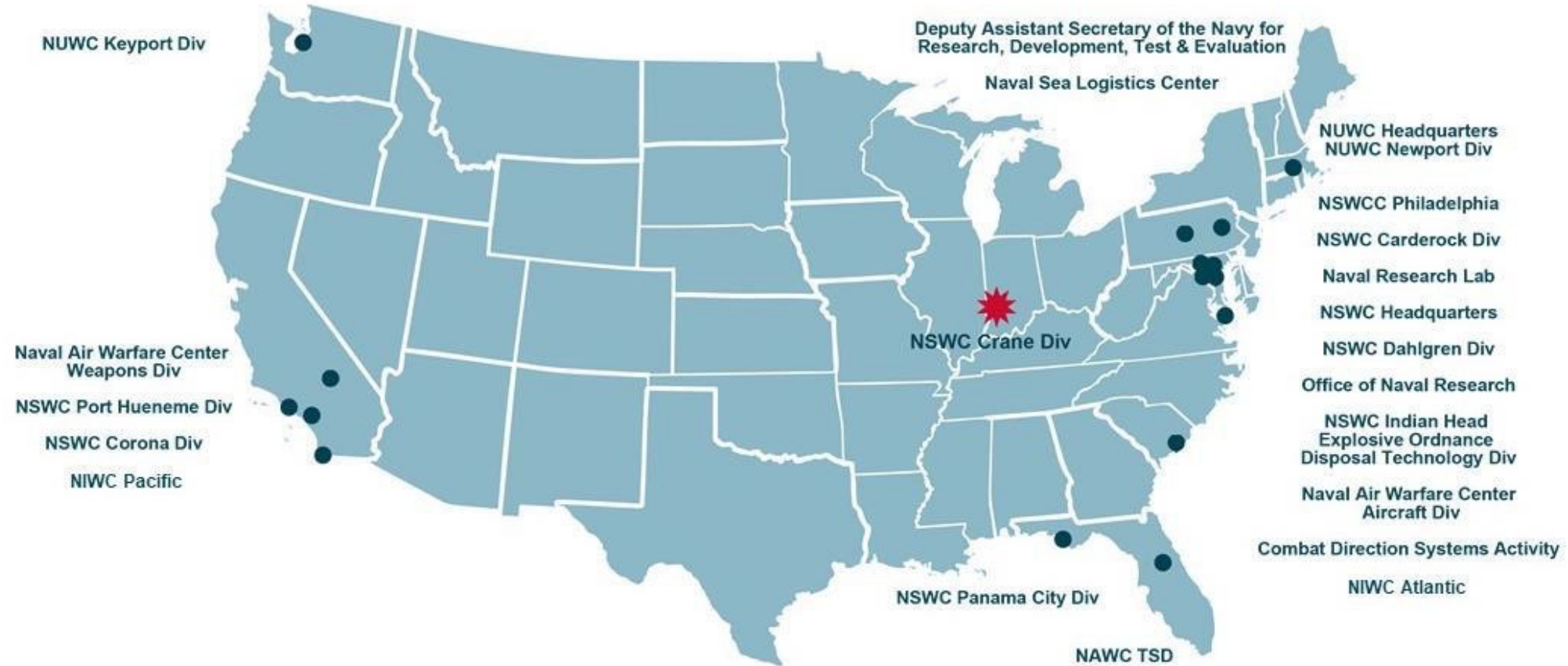
CAPT Rex Boonyobhas, USN
Commanding Officer

Dr. Angela Lewis, SES
Technical Director





Brent Voigtschild
Department Director,
Corporate Operations
NSWC Crane



Aggressive *RESEARCH, DEVELOPMENT, TEST & EVALUATION*
for Reliable Real World Solutions.

Deliver innovative solutions and readiness to the NATION and its WARFIGHTERS.

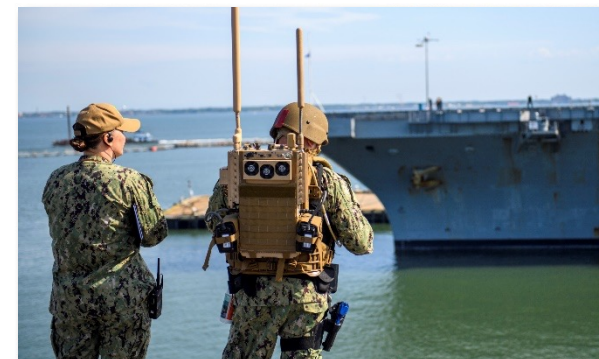
Advance all-domain system of systems within the Mission Areas of:



STRATEGIC MISSIONS



**ELECTROMAGNETIC
WARFARE**



**EXPEDITIONARY
WARFARE**

Vision

**COMBATING OUR NATION'S GREATEST THREATS,
NSWC CRANE IS THE INDISPENSABLE MISSION
EXPERT, LEVERAGING OUR DEEP TECHNICAL
HERITAGE TO DELIVER SOLUTIONS THROUGH
INNOVATION AND STRATEGIC PARTNERSHIPS.**

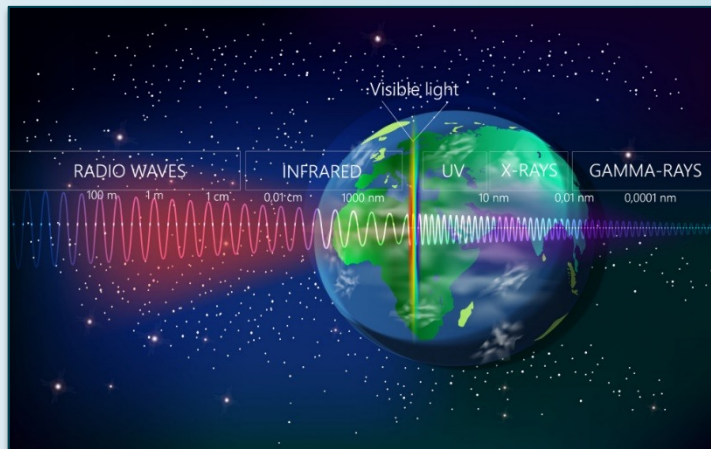
Fleet Readiness and Modernization



Hypersonics

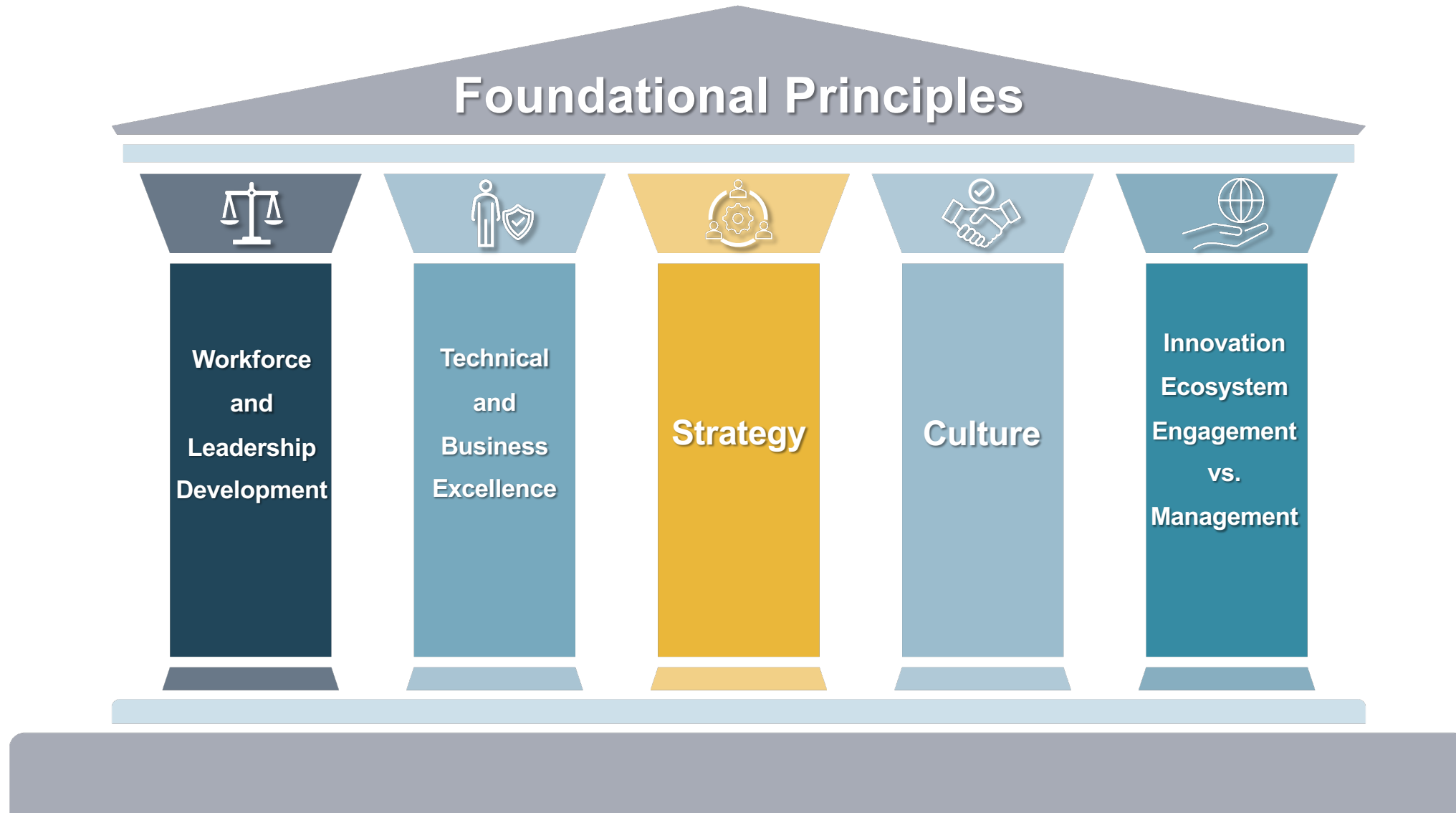


Electromagnetic Spectrum Operations

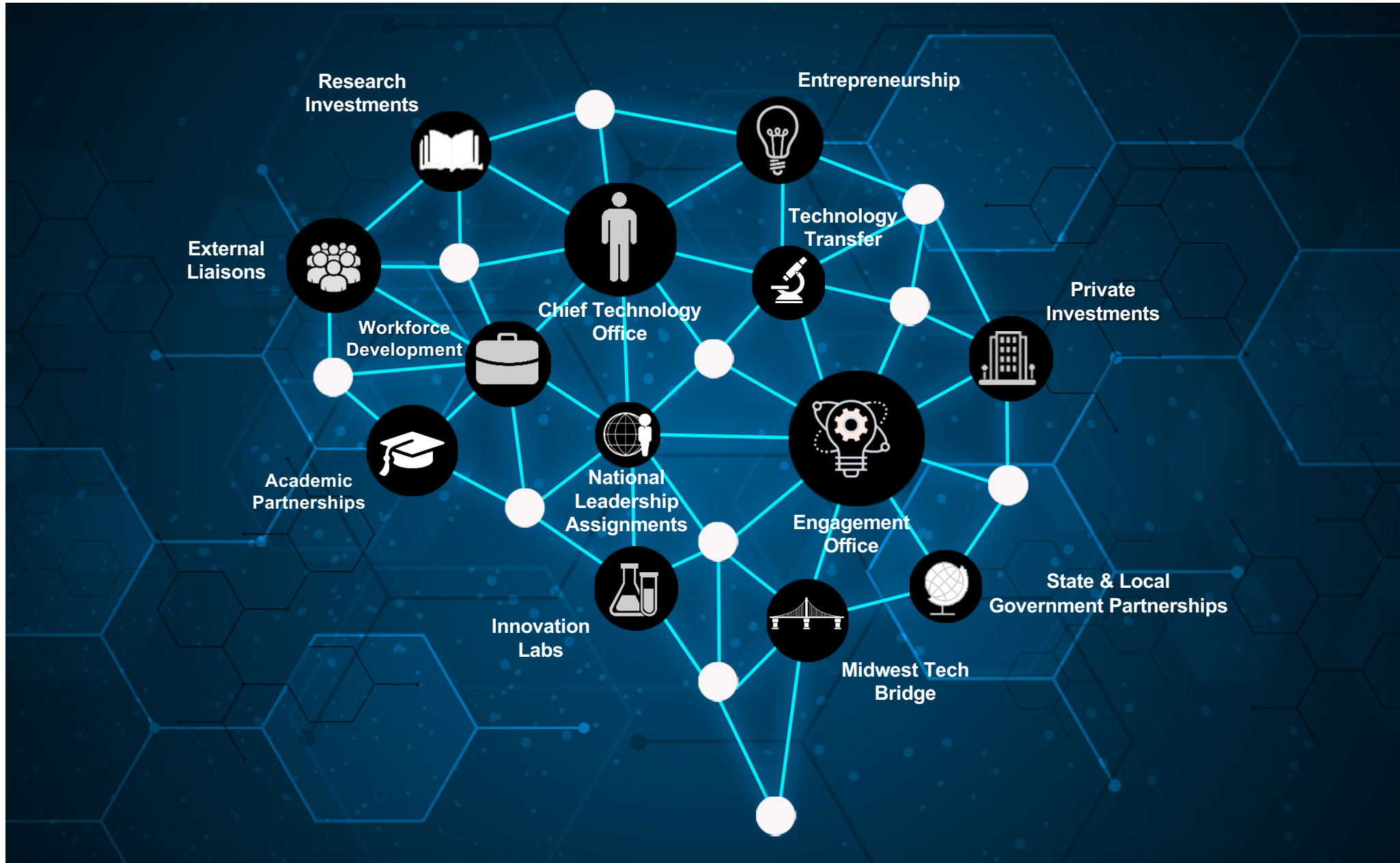


Autonomous Systems

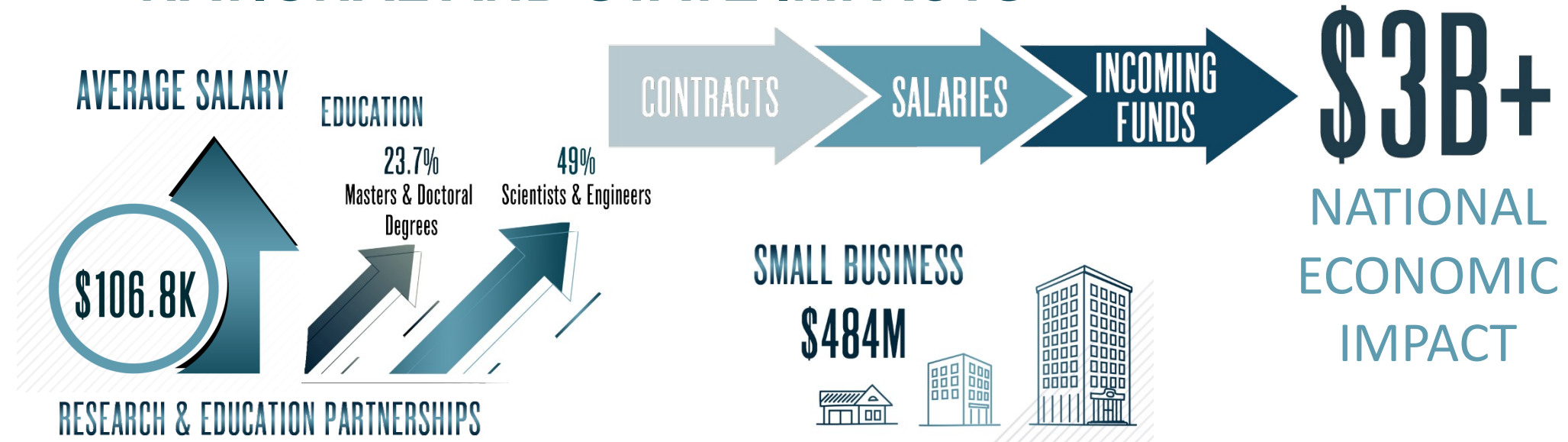




Innovation Ecosystem Model



• NATIONAL AND STATE IMPACTS



RESEARCH & EDUCATION PARTNERSHIPS

States	37	Universities	55
Industry	131	K-12	30



\$853M
OBLIGATED to
INDIANA - Based Vendors

STEM

- 11 Counties Engaged
- 40 Schools Participating
- 10,715 Students Served

Contract Spending

2016
\$785M

2024
\$2.7 B

SS Indiana Business Performance

IN Vendor: \$521M

IN Principal Place of Performance: \$378M

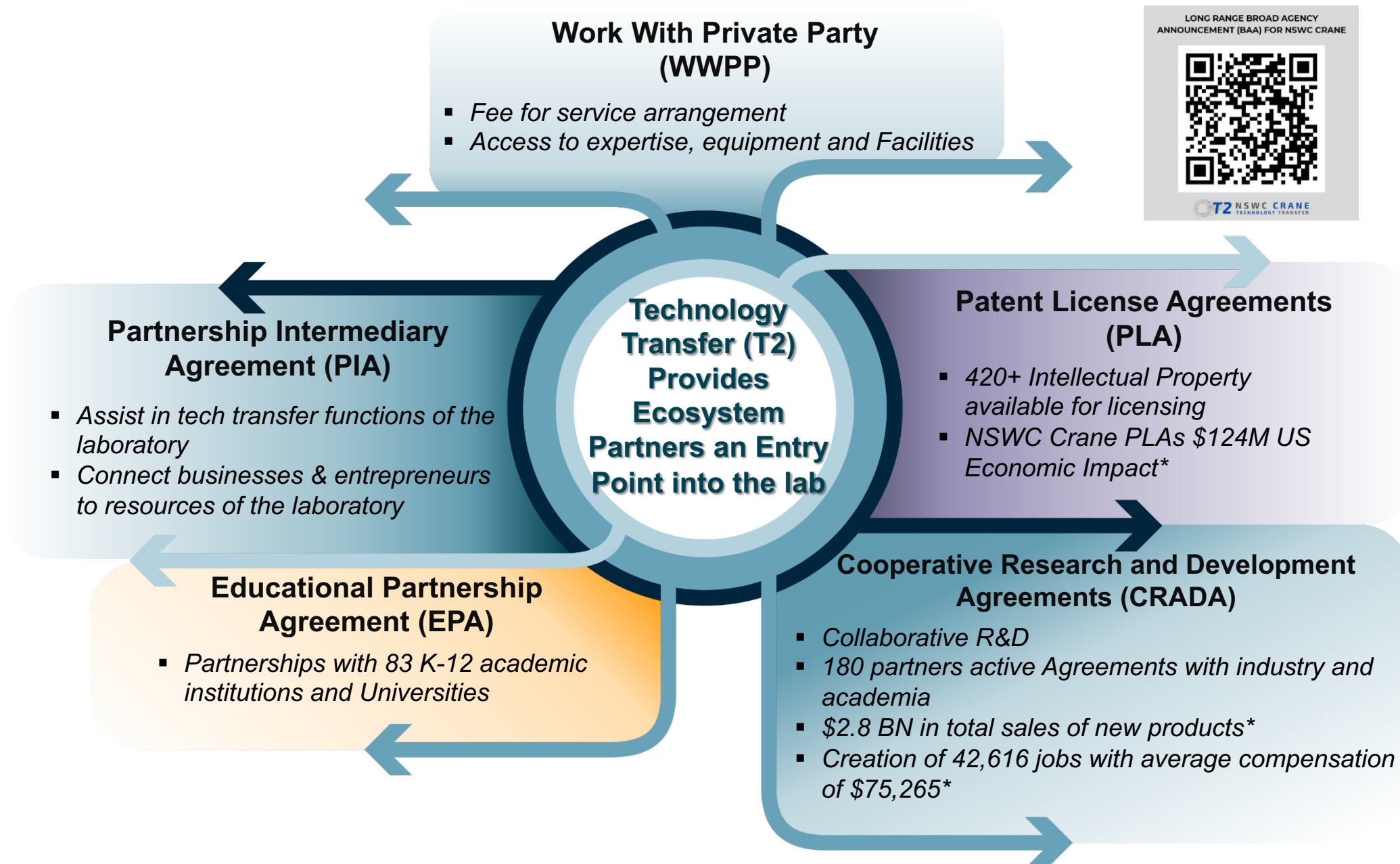
SS IT / Comms / Electronics

Infotech: \$17M

Comms: \$2K

Electronics: \$2M

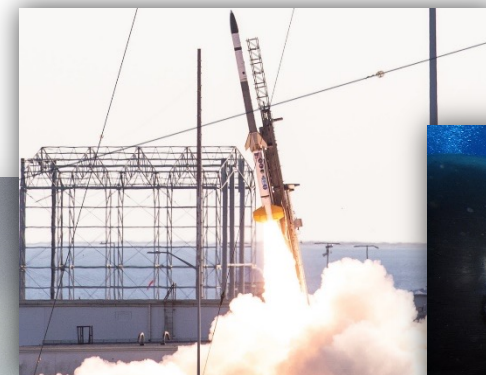
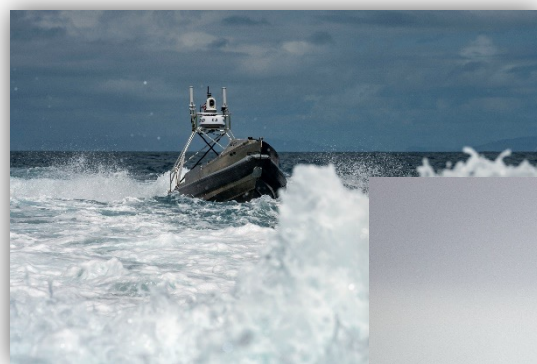
IN Place of Perf Total: \$19M



**FY23 Top Ten NAICS Categories
Awarded by NSWC Crane:**

NAICS	Sum of Dollars Obligated
541330: Engineering Services	\$ 1,119,955,331.13
334511: Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	\$ 148,999,739.90
332994: Small Arms, Ordnance, and Ordnance Accessories Manufacturing	\$ 26,170,656.42
541519: Other Computer Related Services	\$ 23,174,394.14
335911: Storage Battery Manufacturing	\$ 19,179,600.53
333314: Optical Instrument and Lens Manufacturing	\$ 17,659,408.89
541715: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	\$ 14,961,118.15
325920: Explosives Manufacturing	\$ 13,132,845.74
332710: Machine Shops	\$ 11,900,415.26
336611: Ship Building and Repairing	\$ 10,617,272.87

- **We are heavily engaged in finding solutions for:**
 - **Autonomous systems**
 - **Defense against autonomous systems**
 - **Cyber, IT, IA, Systems integration software, and more**
 - **Electromagnetic Domains**
 - **Hypersonics & Microelectronics**



- **Broad Agency Announcement: N00164-24-S-NB35 (full announcement on SAM.gov)**
Seeks revolutionary research ideas, and technology demonstrators that offer potential for advancement and improvement of NSWC Crane's primary mission areas. Whitepaper/Abstracts submission.

- **Large Contracts: <https://sam.gov/>**
All actions >\$25K are advertised here; search "N00164" for Crane opportunities

- **Services/SEAPORT: <https://seaport.navy.mil>**
*Navy-wide portal for procurement of common Engineering and Program Management Services
Includes "Information System (IS) Development, Information Assurance (IA), and Information Technology (IT) Support"*

- **Simplified Acquisition Procedures (SAP): <https://sam.gov/> and <https://GSAadvantage.gov>**

- **Other Transaction Authority Consortia:**
[EMC2](#)
[Home Page - S2MARTS](#)

- **Tradewind AI: <https://www.tradewindai.com>**
AI, Digital, Data Analytics – 5min video pitch

- **Commercial Solutions Opening**
 - Coming Soon!

 - NETWORKING and teaming relationships with other businesses (large and small)**
 - CONNECT with our Deputy for Small Business**

CLOSING
COMMENTS

NSWC Crane Deputy for Small Business
nswc_crane_dsb@us.navy.mil

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Corporate Operations Future Needs Panel

Garry Wieneke (Facilitator)

NSWC Crane Corporate Operations Deputy Department Director



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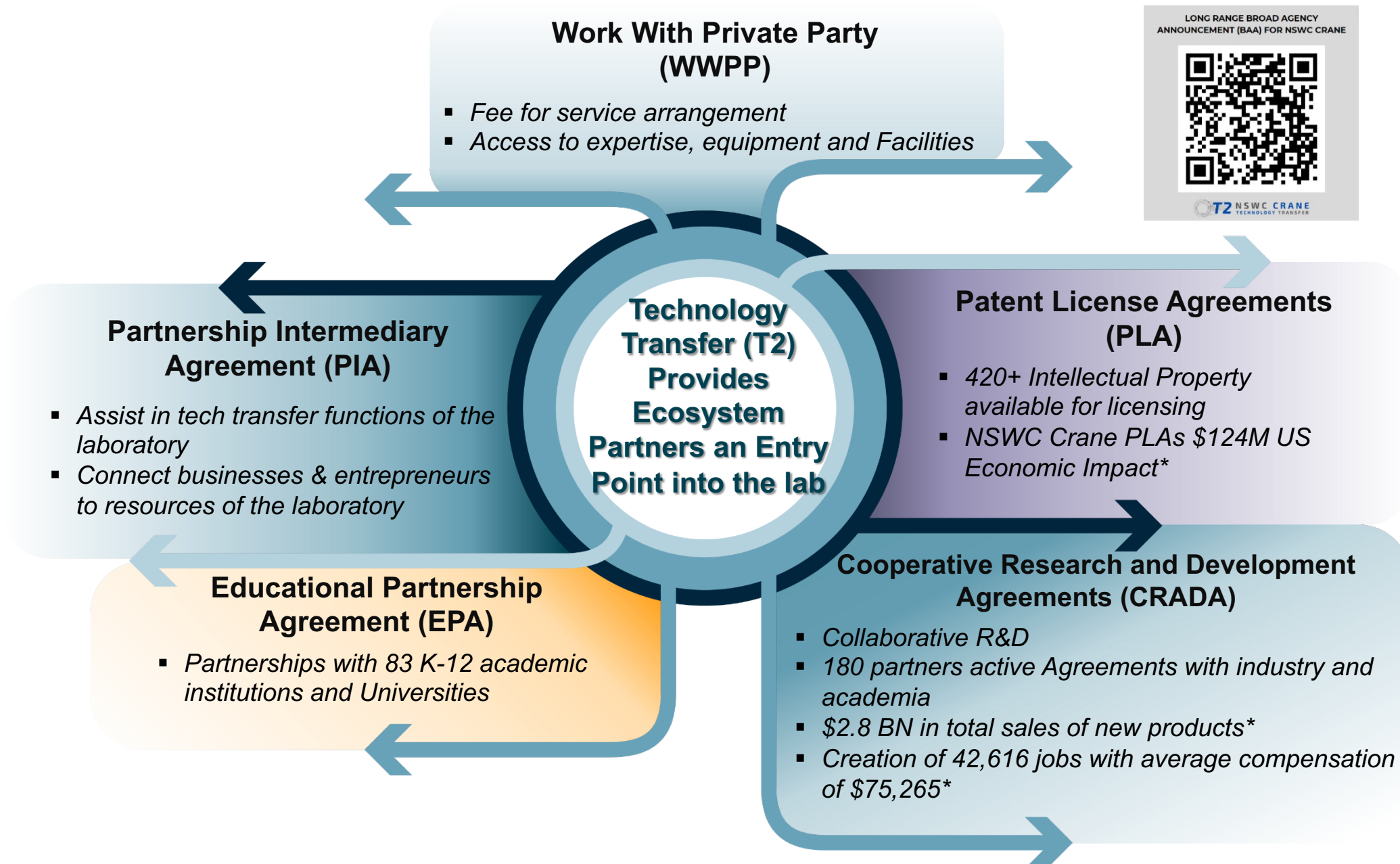
Technology Transfer

Maria Duran

*NSWC Crane Technology Transfer Director, Office of Research
& Technology Applications (ORTA)*

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Midwest Tech Bridge

Christopher Williamson

*NSWC Crane Deputy Director of Midwest Tech Bridge
& Intellectual Property Portfolio Manager*

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Midwest Tech Bridge: What We Do

SUPER CONNECTORS

Familiarization with Naval Problems & Stakeholders

Familiarization with Solution Providers

Intentional Connections

Tech Scanning

Energy Storage Summit

STRATEGIC EVENTS

Host Conferences/Events Driven by Naval Need

Technology Demonstrations & Showcases

Training Events

Participation in Ecosystem Events

Hypersonic Innovation Conference

INNOVATION PIPELINE CHAMPIONS

Assist in identification and engagement of stakeholders within Innovation Pipeline

Guide through Pipeline

Problem Sourcing

Ecosystem Member

NSIC, SBIR Successes, Internal Innovation Effort

STRATEGIC FACILITATION

NavalX trained Human Centered Design Team

Curating problems across NSWC Crane for internal process improvement

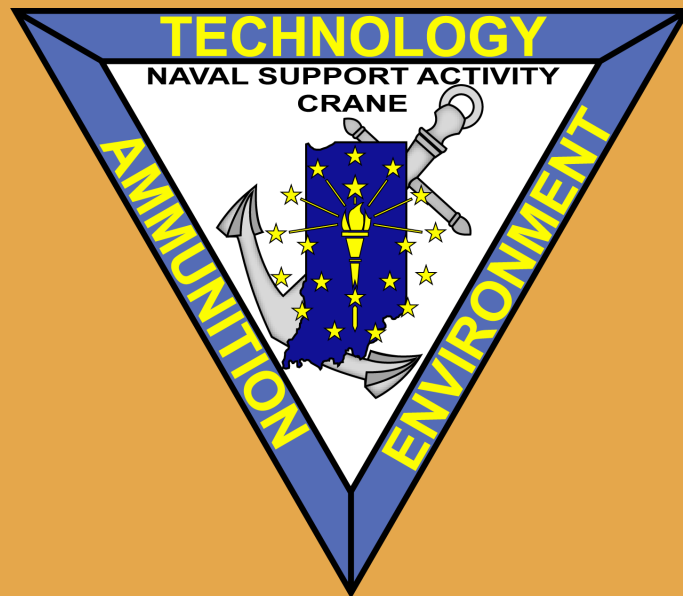
NISE Process Facilitated Session

TECH BRIDGE & CAW LOCATIONS



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THANK YOU



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Networking Break



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Closing

Kent Parisien, *CRDG President*



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**FOLLOW, LIKE,
SHARE, ENGAGE!**



www.craneregionaldefensegroup.org



LinkedIn: Crane Regional
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THANK YOU

Purdue Research Foundation's First Tuesday event featuring:
Greg Scofield, *Deputy Director of PARI Hypersonic Laboratory*



GREG SCOFIELD
DEPUTY DIRECTOR, PURDUE APPLIED RESEARCH
INSTITUTE'S (PARI) HYPERSONIC LABORATORY

PURDUE@WESTGATE

FIRST *TUESDAY*

*SHORTENING THE DESIGN TO DELIVERY
TIMELINE OF HYPERSONIC WEAPONS*

TUESDAY, NOVEMBER 5 | 4:00 - 6:00PM EST
WESTGATE ACADEMY



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