

National Defense Industrial Association Annual CBRN Defense Conference August 15-16, 2017

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*(Joint Science and Technology Office
for Chemical and Biological Defense)*

Defense Threat Reduction Agency



DTRA J9CB





CBDP Enterprise





Our Mission

J9CB Mission: Lead DoD science and technology to anticipate, defend and safeguard against chemical and biological threats for the warfighter and the nation.



Early Warning
& SA
BSVE



Protection
VSV-EBOV



Recovery
ZMapp



Information Explosion





Real Worries



Armed Conflict

Kuala Lumpur Airport



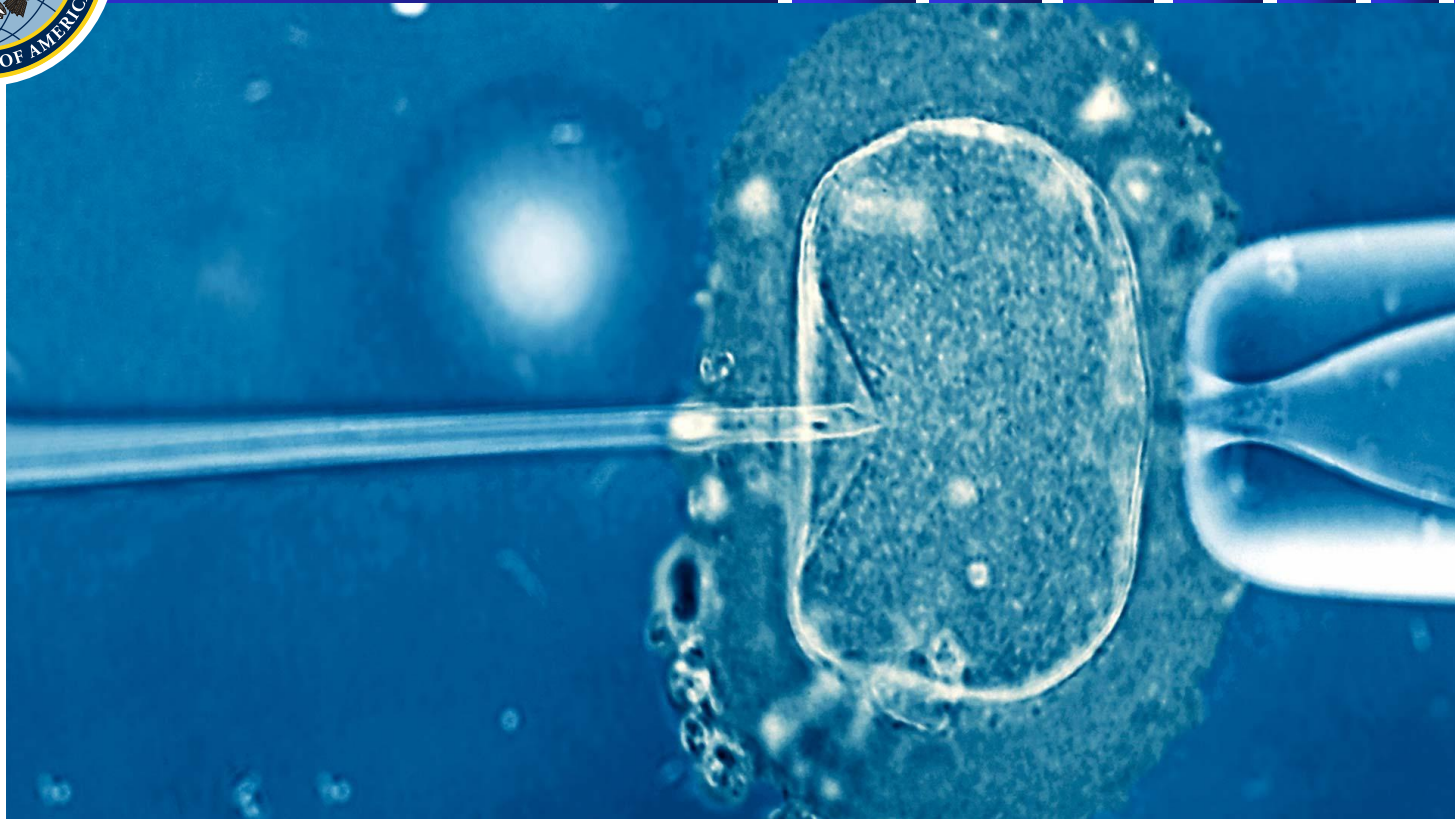
Not So Distant Threats



UNCLASSIFIED



A Brave New World?



UNCLASSIFIED



Modern Delivery Systems





What We Do: Deliver S&T products

EDGE

- Detects in Minutes
- Web-based Platform

BSVE

- Real-time IEW
- Transitioned to JPEO

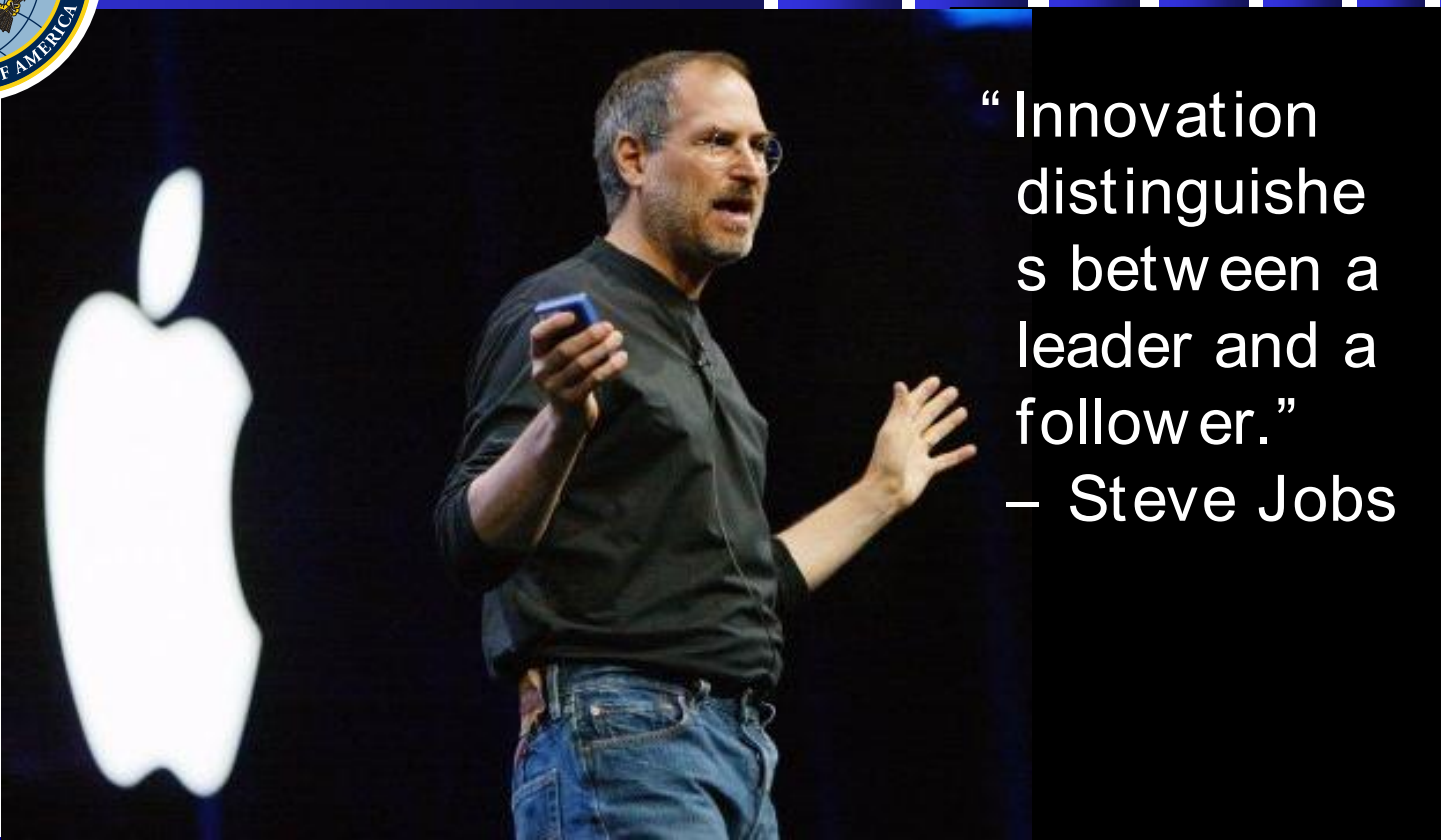
CBLITE

- Reduced Thermal Burden
- Omniphobic Coatings



Next Generation Wearables





“Innovation distinguishes between a leader and a follower.”
— Steve Jobs



Industry Opportunities via Live Experiments

Chemical/Biological Technical Support Operational Analysis (CB-TSOA)

- Operational Test Bed for Maturing and Emerging Technologies
- CB relevant scenarios addressing Sense, Shape, Shield and Sustain thrusts
- Sample technology areas include CB Detectors on Unmanned Systems, Tactical Information Systems, Expeditionary Analytics, Personal Protective Equipment, and Contamination Mitigation
- Operational Utility Assessment provided as an outcome

Acquisition specifics

- Fed Biz Ops solicitation in December 2017
- Program kickoff in 2018 (1-2 events per year)
- Locations TBD (DoD Installations/ Training Areas)
- Initial application w/Quad Charts
- Participants are self funded
- Favorably-reviewed technologies are considered for inclusion in planned advanced technology demonstrations





CBD S&T Conference



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