

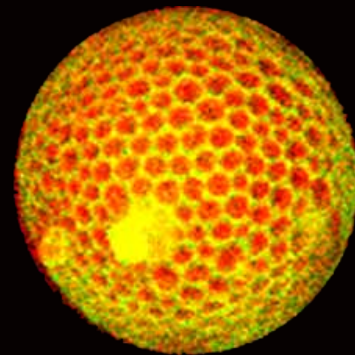
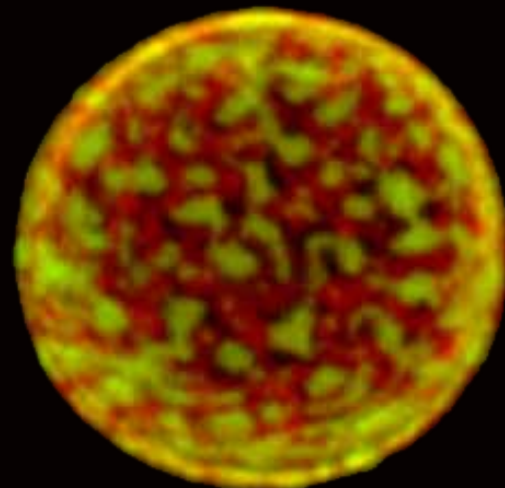
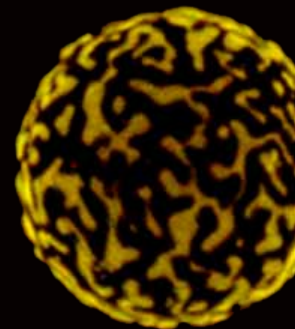
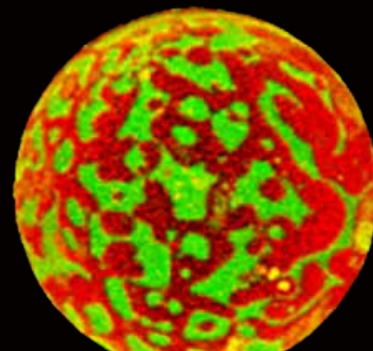
Annual Report 2011

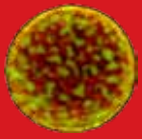
Emerging
& Converging
Technologies



PRESENTED BY

LOCKHEED MARTIN





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In 2001 Development Capital Networks, serving as manager of the National Association of Seed and Venture Funds (NASVF), was approached by the Federal Laboratory Consortium with a tech transfer conundrum. The FLC was seeking a way to introduce federal lab technologies to investors and Fortune 100 licensees. The NASVF was looking for new sources for deal flow for their investor-members. The concept quickly took form and in 2002, Development Capital Networks (DCN) launched the first ever World's Best Technologies (WBT) forum in Pittsburgh, PA.

Today, the WBT Innovation Marketplace has emerged as the premier forum of pre-screened, prepped, undiscovered companies and technologies, sourced from universities, labs, and garages located across the country and around the globe. The WBT is the culmination of a year-long effort of investors, licensees, and tech commercialization professionals. The WBT is deal-focused and industry-diverse, showcasing companies and technologies that vary by geography, funding source, and type of research institution.

Now in its 10th year, the WBT has sourced, screened and mentored 630 companies and technologies from coast-to-coast, and from more than 25 countries. Nearly one in three WBT Innovation Marketplace presenters goes on to secure venture capital, license their technology, or sell their IP outright. More than \$500 million in private capital has been invested in WBT technologies.

The 2011 WBT Innovation Marketplace was presented by Lockheed Martin Corporation, and hosted by the Center for Innovation, in association with the Office of the Governor of Texas, and the University of Texas at Arlington.

Presenter: David Mather
MTPV, LLC
www.mtpv.com



MTPV, LLC creates semiconductor chips that convert heat directly into electricity. Much like a solar panel converts sunlight into electricity, MTPV is able to convert any source of heat into electricity with several significant advantages over existing solutions. By using micron-gap thermal photovoltaics, MTPV is able to create 10X to 50X more power, using no moving parts, and 45% less heat than competitive technologies. These advantages open the door for chip-based solutions that were previously unobtainable.

Presenter: Mareya Ibrahim
Grow Green Technologies
www.eatcleaner.com



EAT CLEANER® is the only line of all-natural, biodegradable line of Antimicrobial and Antioxidant Food Wash And Wipes for fresh produce, seafood and poultry. With a patent-pending blend of fruit acids, plant based cleaners and antioxidants, EAT CLEANER® is able to safely strip surface waxes, debris and pesticides away that water can't, while extending produce shelf life and inhibiting browning.

Presenter: Scott Sanders
Womens3D, Inc.
www.womens3d.com



Womens3D is developing a new standard of care for diagnosing breast cancer by providing women's health care physicians with automated ultrasound imaging systems that diagnose cancers earlier and reduce unnecessary biopsies. Womens3D technology will provide women with an efficient, painless, non-invasive, radiation-free alternative to mammography at the point of care.



Several months before each event, applications for presenting companies and technologies undergo an extensive selection process. Roughly 80 venture capitalists, licensing scouts, and angel investors evaluate the applications. The selections are based on the technology's market position, commercialization readiness, overall market potential, technology strength, management team and value proposition.

Applications are returned to the WBT team with a recommendation and feedback. All feedback is provided to the applicant at no cost, whether the applicant is accepted or declined.

Participating in the WBT screening provides venture investors and licensing professionals an early look at all the WBT applications. Qualified investors and licensees are invited to participate in the screening process. For more information on becoming a member of the Selection Committee, contact a WBT Innovation Marketplace team member.



- 5AM Ventures
- Air Products and Chemicals
- Alcatel-Lucent Technologies
- Applied Ventures
- Arch Venture Partners
- Austin Ventures
- Atrium Capital
- Avansis Ventures
- Battelle Ventures
- Carrot Capital
- Chart Venture Partners
- Church & Dwight
- DFJ Mercury
- The Dow Chemical Company
- DuPont Ventures
- Eastman Kodak
- Emergent Technologies
- Flywheel Ventures
- Garage Technology Ventures
- Greene Tweed & Co
- Healthcare Angels
- Highland Capital Partners
- Hospira
- Intel Capital
- In-Q-Tel
- Johnson & Johnson
- Masthead Venture Partners
- Microsoft
- Medtronic
- Merck
- National Semiconductor
- Originate Ventures
- Onset Ventures
- OVP Venture Partners
- Roche Diagnostics
- S3 Ventures
- Sante Ventures
- Phoenix Venture Partners
- RAIN Source Capital
- Raytheon
- Sevin Rosen Funds
- Siemens Venture Capital
- Sierra Ventures
- Silver Creek Ventures
- STARTech Early Ventures
- Techxas Ventures
- Trident Capital
- UPS Strategic Enterprise Fund
- VaxDesign
- Wild Basin Investments



presenters

Ablitech, Inc.
Hattiesburg, MS

Algisys, LLC
Cleveland, OH

Argonne National Laboratory
Argonne, IL

Army Research Lab
Adelphi, MD

Atmocean, Inc.
Santa Fe, NM

Audiodontics
Bethesda, MD

BioVantage Resources, Inc.
Golden, CO

Black Oak Partners, LLC
Little Rock, AR

Boston Applied Technologies
Woburn, MA

Bureau of Reclamation
Denver, CO

Cosmas Therapeutics Development Inc.
Westmount, Quebec

CVDVale
Sao Jose dos Campos, Brazil

David T. Fleischmann
Dover, DE

Direct Drive Energy, LLC
Lowden, IA

EarthClean Corporation
Minneapolis, MN

EAT CLEANER® Brand and
Grow Green Industries, Inc.
Lake Forest, CA

EnergyTronix Inc.
Arlington, TX

ET&T
Amherst, MA

EZN GmbH
Hannover, Germany

Failsafe Hazmat Compliance
Tulsa, OK

Florida Institute of Technology
Melbourne, FL

Growponics Texas LLC
Tulsa, OK

House Group Inc
Keller, TX

Ibris Inc.
Piscataway, NJ

Impact Technologies LLC
Tulsa, OK
Infintium Fuel Cell
Carrollton, TX

ITN Energy Systems, Inc.
Littleton, CO

Low Wind Technology LLC
Scottsdale, AZ

M2 Technologies, Inc.
Manhattan, KS

McGill University
Montreal, QC

MetCel LLC
Stillwater, OK

MicroDetect
Tallahassee, FL

MTPV LLC
Austin, TX

NanoEngineering Corporation
Boca Raton, FL

NASA - Johnson Space Center
Houston, TX

National Institute of Standards
and Technology
Gaithersburg, MD

Naval Air Warfare Center Aircraft Division
Patuxent River, MD

Naval Air Warfare Center Aircraft Division
(NAWCAD)
Lakehurst, NJ

Naval Facilities Engineering Service Center
Port Hueneme, CA

NovaCentrix
Austin, TX

Oklahoma State University
Stillwater, OK

OsComp Systems
Cambridge, MA

PBS Biotech, Inc.
Camarillo, CA

Perk Dynamics
Shawnee, OK

Pregmama LLC
Montgomery Village, MD

RayVio Technologies
Boston, MA

Respira Therapeutics, Inc
Santa Fe, NM

SecureWaters, Inc.
Soddy Daisy, TN

Sensor Development Corporation
Strongsville, OH

SensorTech Corporation
Greenville, SC

Silicon Solar Solutions
Fayetteville, AR

Siva Therapeutics Inc
Boulder, CO

SOFANT
Edinburgh, Scotland

SpinDynamics, Inc.
Oyster Bay, NY

StemCellrx
Houston, TX

Texas Tech University
Lubbock, TX

Tour Engine, Inc.
San Diego, CA

Trifectas Medical
Seabrook, TX

United States Bureau of Reclamation
Denver, CO

University of Guelph
Guelph, Ontario

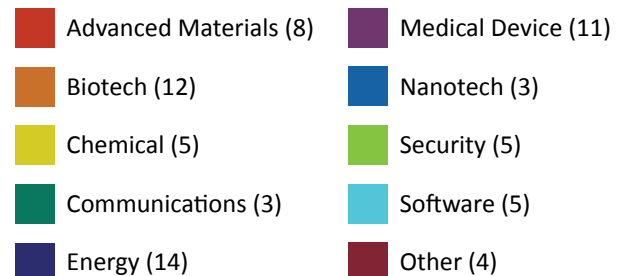
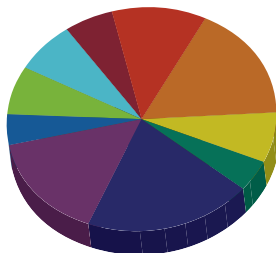
University of Texas at Arlington
Arlington, TX

US Army Medical Research
and Materiel Command
Fort Detrick, MD

Womens3D, Inc.
Austin, TX

Xanofi, Inc.
Raleigh, NC

ZERE Energy and Biofuels
San Bruno, CA





The FedMarketPlace@WBT connects federal labs and agencies to investors and licensees within the WBT Marketplace, facilitating the transition of promising technologies developed at federal agencies and federal labs available for purchase, licensing to industry, and strategic partnerships. Federal labs and agencies are invited to work with the WBT team to help source technologies believed to be the most attractive to potential investors or corporate strategic partners.

2011 Participants included:

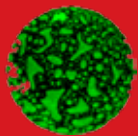
- Department of Defense
- Department of Energy
- Department of Agriculture
- NASA
- National Institute of Standards and Technology
- National Institutes of Health



Whether you are a research scientist or technology transfer manager, UniversitySquare @WBT provides a unique opportunity to showcase your technology and network with leading seed investors, venture capitalists and corporate licensing partners. The Showcase is designed for Proof-of-Concept stage technologies, who are looking for private funding or licensing opportunities, and preparing to spin-out of the university environment.

2011 Participants included:

- University of Texas at Arlington
- Texas Tech University
- Oklahoma State University
- University of Texas System
- Kansas State University
- McGill University
- Florida Institute of Technology
- University of Minnesota
- University of Guelph
- Southern Methodist University
- University of North Texas Health Science Center



A benefit available only to early registrants, the “pre-wbt” is a secure, pre-event networking program that allows WBT attendees to connect, introduce themselves, and set up meetings prior to the event.

Each registrant receives a link to the real-time list of WBT registered attendees. The WBT system generates a secure email to the target attendee with a short message and meeting request. WBT Innovation Marketplace has centralized Pre-WBT meeting locations on-site.



Follow WBT news and connect with WBT attendees before, during, and after the event through Twitter, Facebook, and Linked-In.



PRE-WBT...GET READY, GET NOTICED, AND GET CONNECTED

We invite you to participate in the Pre-WBT – pre-event networking designed to get you connected.

Designated WBT networking areas will be provided at the Arlington Convention Center on March 22nd and 23rd. We invite you to use these centralized, designated meetings areas to meet, greet, and connect.

If you wish to contact with a WBT pre-registered attendee, simply click on their name and complete the form.

Attendee Directory

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	W	X	Z	All

pre-wbt



Use your smartphone to navigate the WBT Exhibit Hall, and bookmark Executive Summaries.





Past Attendees – Investors and Licensees

- | | | |
|----------------------------------|---|---------------------------|
| Accenture | Hunt Energy Enterprises, LLC | RAIN Source Capital |
| Air Products and Chemicals, Inc. | Hunt Ventures | Rambus Inc. |
| Applied Ventures | IBM | Reckitt Benckiser |
| Astralis Group LLC | In-Q-Tel | Research In Motion |
| Austin Ventures | Japan External Trade Organization (JETRO) | Roche |
| Avansis Ventures | Kellogg | RockPort Capital Partners |
| BASF Corporation | Khosla Ventures | S.C. Johnson & Son, Inc |
| Battelle Ventures | Kimberly-Clark Corporation | SAIC |
| BNSF Railway | L-3 Communications | sanofi pasteur |
| BP America Inc | LG Electronics, Inc. | Sante Ventures |
| BrookDell Partners | Lockheed Martin | Schlumberger |
| Church & Swight Co., Inc | Medtronic, Inc. | Sevin Rosen Funds |
| Cimarron Capital Partners, LLC | Merck Research Laboratories | Siemens |
| Comerica Bank | Microsoft Corporation | Silicon Valley Bank |
| Cottonwood Capital Partners | Miliken Research Corporation | Silver Creek Ventures |
| Cultivian Ventures | NGP Energy Technology Partners | Starise ventures, Inc |
| DFJ Mercury | Nidus Investment Partners | STARTech Early Ventures |
| Eastman Chemical Company | Noetic Technologies, Inc. | Texas Instruments |
| Excel Venture Management | NorTech | The Boeing Company |
| Garage Technology Ventures | North Texas Angel Network | The Dow Chemical Company |
| Gray Plant Mooty | OCA Ventures | Trailblazer Capital |
| Greene, Tweed & Co. | Open Prairie Ventures | Weatherford International |
| Hewlett-Packard | Panasonic Corporation | Weyerhaeuser Company |
| HMA Capital Partners | Pfizer Consumer Healthcare | Wilco Angel Network |
| Humana | | Wild Basin Investments |

See wbtshowcase.com for the complete list



Over 450 attendees

90 emerging technologies and companies

68 guest speakers

75 angels, venture investors and licensing scouts.

20 Texas Emerging Technology Fund companies

19 Poster Session Participants

6 Federal Agencies

Presenters from 25 States and 5 countries

8 months before the WBT

- Early Bird Technology Applications Accepted On-line
- Deadline for “Early Pick” Submissions

6 months before the WBT

- “Early Picks” are announced
- Technology Application System remains open

4 month before the WBT

- Final Deadline for Technology Submissions
- Screening of Applications by Investor Selection Committee begins

3 month before the WBT

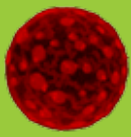
- Selected Technologies are announced
- Presenter Orientation Calls are held
- “Early Bird” Registration Rate ends

1 month before the WBT

- Mentors are assigned to Selected Presenters
- “Pre-WBT” Networking System opens

3 weeks before the WBT

- Presenter Dress Rehearsal Calls take place
- On-site Registration begins
- WBT Innovation Marketplace is Open for Business



who applies

- Start-ups seeking seed and early stage venture capital
- SBIR/STTR supported companies and technologies
- Federal R&D Program Managers
- Tech transfer professionals representing university, lab, or agency innovations
- Technology entrepreneurs, Researchers and research institutions
- Private enterprises and businesses

Applicants can be at a variety of stages of development from startups to second round venture stage.

how to apply

All applications can be submitted online at www.wbtshowcase.com. There is no cost to apply and no limit of the number of technology applications that can be submitted by an individual, organization, or institution.

how applications are selected

The WBT Screening Committee scores each technology application and provides written comments. Consideration is given based on the science team, strength of technology or product, position in the technology marketplace, the market opportunity, the value proposition, the business model, and the management team. At the conclusion of the screening process applicants will have an opportunity to view all reviews and feedback for each application submitted. For details, visit Selection Criteria at www.wbtshowcase.com

There is no cost to apply. If selected, presenters are required to pay a standard “early bird” registration fee.

Each presenter receives one-on-one mentor support in the weeks leading up to the WBT. WBT Mentors represent a wide variety of expertise and assist presenters in the development of a concise 6- minute presentation. Both novices and experts alike find value in networking with their mentors and working with them on creating or refining an investor/licensee oriented presentation.

In addition to offering best practices and setting expectations, mentors and critics get an early look at some of the technologies that will be at the event. Mentoring takes place in the 2 months leading up to the event. WBT Mentors and “Critics” also participate in Dress Rehearsal conference calls 2 weeks prior to the WBT, and offer a last round of feedback on presenters’ pitches.

WBT Mentors include:

- | | | |
|---|-------------------------------------|---|
| Advanced Micro Devices | Growth Process Group | Raytheon |
| Applied Science & Technology Associates | Growthink | Sante Ventures |
| Associated Asia Investments Ltd. | Gutherie Consulting | Sedona Harvest Inc. |
| ATOMdesign | Healthcare Angels | Silver Creek Ventures |
| Austin Ventures | Hoffmann-La Roche Inc. | Solalta Advisors |
| Axiom OSS, Inc. | IC ² Institute | Stratamar, Inc. |
| Battelle, PNNL | INCENTER, Inc. | Strategic Transitions |
| Brainbelt Consulting | Intellectual Assets | TandemLaunch Technologies |
| Business Performance | International M&A Consultants | TekMark Growth Partners |
| Capital One Financial | Inventis Group Ltd. | Texas Instruments |
| Caduceus Partners | Investors America | The BRUC Group |
| Carrot Capital | Iowa State University | The Commercialization Funding Coach, Inc. |
| CEOcast, Inc. | Kire Technology Inc. | The Shaffer Law Firm, PLLC |
| Chart Venture Partners | Lockheed Martin | University of Georgia |
| Community Investments | Mai Asia Limited | University of Pittsburgh Medical Center |
| Compass Consulting | Michigan Economic Development Corp. | VaxDesign Corp |
| Corning Incorporated | N Dann Consulting | Visa, Inc. |
| DAI | NanoTech Business Inc. | Vitra Strategic Consulting |
| Development Capital Networks | NextEra Energy Inc. | Wild Basin Investments |
| Dupont Qulicon | Noetic Technologies, Inc. | Worthy Opinion LLC |
| Endeavor Innovation Partners | Olivier Consulting LLC | Xtencia, LLC |
| Euromonitor | OTOMO, LLC | Your Own CFO |
| Fennemore Craig, P.C. | Pervazive Limited | |
| Global Uni-Docs | Pragmaxis, LLC | |

See more WBT Mentors and Critics at wbts Showcase.com. Interested in volunteering as a mentor? Contact us at wlarsen@wbts Showcase.com



WBT10

- ❖ Animal Innovations sells \$500K in shares in initial \$3M offering.
- ❖ CardiaLen receives \$300K in followed by \$735K from Broadview Ventures.
- ❖ DataInfoCom receives commercialization grant from Texas Emerging Technology Fund for \$1.6 million.
- ❖ DynaMotor receives \$100K from the Ohio Innovation Fund.
- ❖ FibeRio Silver Award winner at WBT2010, closes its Series A round, and adds an undisclosed investment from Cottonwood Technology Fund.
- ❖ Lantos Technologies closes \$1.6 million for their 3-D medical scanner.
- ❖ LiquidPiston raises \$5M Series B for their High Efficiency Hybrid Cycle engine.
- ❖ North Dakota State University Research Foundation signs an exclusive license to TreeMiner, Inc for their patented suite of data mining technologies.
- ❖ OrthoAccel receives angel investment of \$500K, followed by \$4.6M VC round in August.
- ❖ Texas Tech University signs exclusive license for their metallo-beta-lactamase inhibitors to RI Scientific.
- ❖ TheraVasc raises \$1.8 million in venture capital.
- ❖ Waldo Networks attracts \$750K investment led by Texo Ventures, followed by additional investments of \$879K and \$500K.

WBT09

- ❖ BriefCam partners with Milestone Systems
- ❖ Halo Monitoring closes \$1.5M VC round
- ❖ VitalMedix adds \$1M VC to \$1.7M from DoD
- ❖ Vumii receives Red Herring Award
- ❖ MacuClear adds \$900K in angel funding led by Central Texas Angel Network.

WBT presenters have raised more than

\$500 Million

WBT08

- ❖ Advanced Diamond Technologies wins \$4.8M contract with government agency
- ❖ Atreo Medical gets \$500K investment from Ontario Centres of Excellence
- ❖ General Fusion gets \$13.9M grant
- ❖ Hybra Drive gets \$3.4M Michigan Investment
- ❖ FlashScan gets DHS grant \$4M
- ❖ MicroTransponder adds \$2.2M VC round
- ❖ Terapio gets \$1.7M from Texas ETF

WBT07

- ❖ Advanced Cerametrics lands \$12M Government Contract
- ❖ AerovectRX gets funding round led by Georgia Venture partners
- ❖ Immunomic raises \$2.65M led by Bespoke
- ❖ Kai Sensors closes \$2.2M Series A followed by undisclosed Series B 8 months later
- ❖ Medtrina Pharmaceuticals secures \$4.4M, then licenses to AstraZenica
- ❖ Lumedyne raises \$1.5 M led by Lunar Ventures
- ❖ Thrombovision gets \$4M Series A round
- ❖ Travelling Wave – Undisclosed Series A

WBT06

- ❖ ERA Biotech earns 1.4M Euro investment
- ❖ Microvi Biotech wins California Clean Tech Open
- ❖ Phoqus Pharmaceuticals partners with Cardinal Health, raises \$10M, completes IPO
- ❖ Retica Systems closes \$5.4M Series B.
- ❖ Terahop Networks raises \$4M from former Microsoft execs

Funding and licensing data includes only next-round private capital raised following participation in the WBT. See more WBT Alumni online at wbtshowcase.com or scan the code at right with your mobile device.





Development
Capital
Networks

DCN is the founder and producer of the WBT Innovation Marketplace. DCN is a professional services firm that provides specialized products, management and training to development associations and entrepreneurial networks. DCN's areas of expertise include:

- Regional Economic Development
- Technology Transfer
- Development Finance
- Entrepreneurship
- Venture Capital
- Capital Formation
- Organization Management



Our services enhance our partners' efforts to commercialize new technologies, attract capital for business development, invest capital in entrepreneurial ventures, build communities with development finance, and advance business skills.



DCN also founder of the National Association of Seed and Venture Funds and the Latin American Venture Capital Association. DCN affiliate Cimarron Capital Partners serves as Fund of Funds managers for the states of Oklahoma, Arkansas, and Iowa, and has consulted dozens of other states and Mexico on state sponsored venture capital investment programs. For more information about DCN, visit www.dcnteam.com.

WBT Leadership

Paul Huleatt

Chief Executive Officer

Amanda Radovic

Executive Director

Wiley Larsen

Director of Strategic Partnerships

Jeff Carpenter

Competitive Analysis &
Technology Scouting

Judy Flanagan

Event Management

WBT Advisory Board

Ed Linsenmeyer

Naval Surface Warfare Center
Panama City, FL

Mike Millard

Austin Ventures
Austin, Texas

Bill Reichert

Garage Technology Ventures
Palo Alto, California

Steve Mercil

RAIN Source Capital
St. Paul, Minnesota

Claudia Milz

Corning Incorporated
Elmira, New York

Michael Wu

Chart Venture Partners
New York, New York

2011 Host Committee

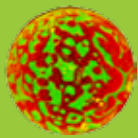
Wes Jurey, Chairman, Center for Innovation

Sergio Bento, Director of Federal Lab Relations, Center for Innovation

Shekar Rao, Vice President for Development, Center for Innovation

Cathy DeRizzo, Executive Office Director, Arlington Chamber of Commerce

Benjamin Magill, Special Assistant to the Chairman, Center for Innovation



The 2011 WBT Innovation Marketplace was presented by Lockheed Martin Corporation, hosted by the Center for Innovation, in association with the Office of the Governor of Texas, and the University of Texas at Arlington.

About the Center for Innovation

The Center for Innovation is a public private partnership of the Arlington Chamber of Commerce and the University of Texas at Arlington, established to serve as a catalyst for technology led economic development. In 2010, The Center for Innovation established TechComm. TechComm is an inter-agency coalition of U.S. federal agencies and their federal labs, working with and through the Center to (1) facilitate the transfer of federal patented technology to industries for commercial use and manufacturing; and (2) facilitate cooperative research between federal labs with both universities and industries.

As host, the Center for Innovation and TechComm fill several vital roles in the production of the WBT. The Center works with local and regional partners to raise support and sponsorship to host the event. Through TechComm, the Center also works with WBT to engage Federal Agencies and Labs to identify technologies and programs to showcase at the WBT.

	Copper	Bronze	Silver	Gold	Platinum	Track
Complimentary registrations	1	2	4	6	8	8
Booth		✓	✓	✓	✓	✓
Ad in Program		Half page	Full page	Full page	Two page	Two page
Logo/Link on web-site	✓	✓	✓	✓	✓	✓
Organization description in program	✓	✓	✓	✓	✓	✓
Amount	\$3,000	\$5,000	\$7,500	\$10,000	\$20,000	\$25,000

Organization _____

Sponsorship Level _____ Amount _____

Primary Contact _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

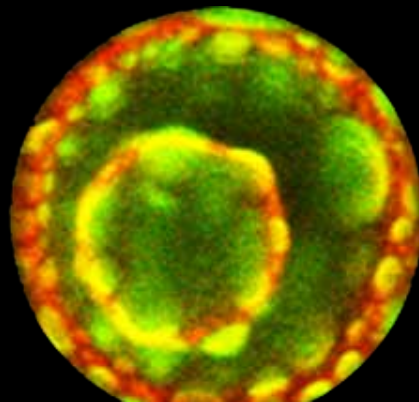
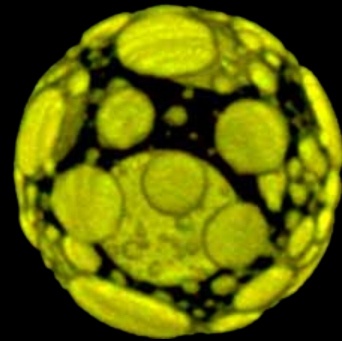
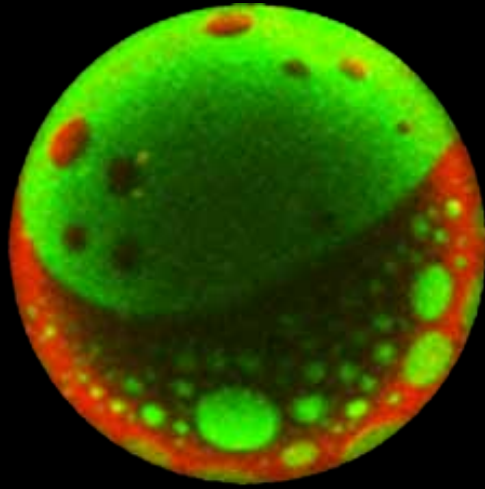
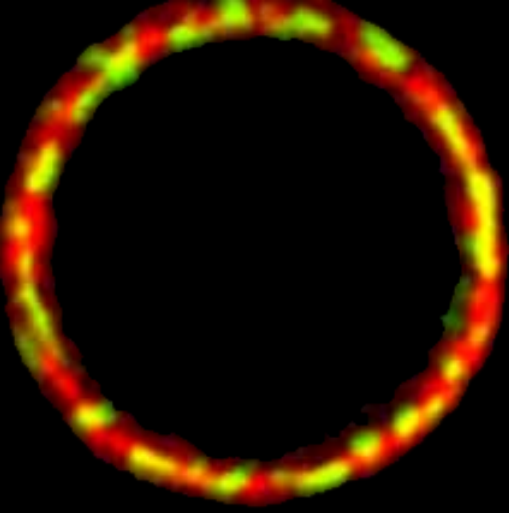
Website _____

Payment must be received prior to recognition as a sponsor to receive benefits and be included in promotional materials, on the WBT website, and in the event program book.

Please note: For inclusion in print materials and event signage: sponsorship commitments, payment, ads, logos, and all other information must be received **60 days prior to the WBT.**

Signature _____ Date _____

To be considered for sponsorship please fax this completed form to **877.671.5998**. The WBT agrees to provide the benefits for the sponsorship selected above until the conclusion of the event. No discounts are provided for late commitments.



WBT Innovation Marketplace
14358 N. Frank Lloyd Wright Blvd, Suite 14
Scottsdale, Arizona 85260
wbshowcase.com