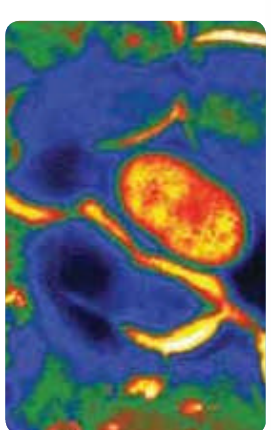
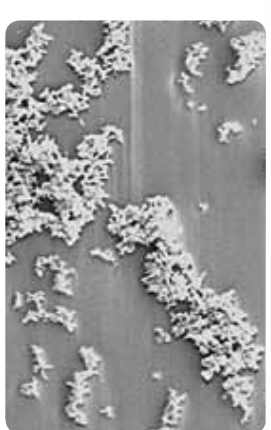


TechConnect WORLd

May 12-16, 2013
Washington, DC







Gaylord National Hotel & Convention Center

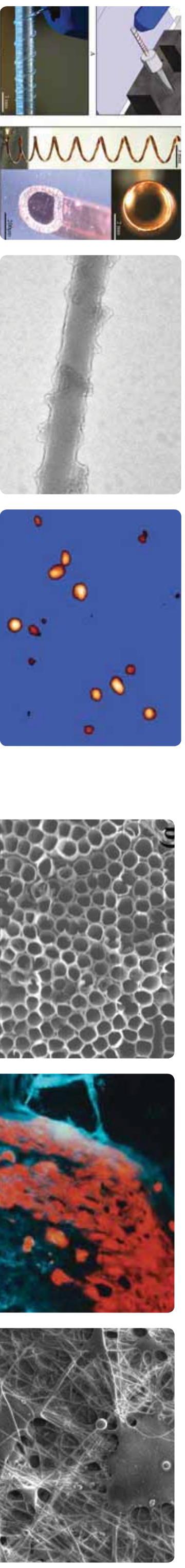


	Fabrication & Characterization	Advanced Materials	Electronics & Microsystems	Energy & Environment	Biotech & Medical	TechConnect Business & Partnering	
SUNDAY, May 12							
	TechConnect Innovation Short Courses (9:00 - 5:00)		TechConnect Welcome & Short Course Mixer (no host) - Balvedere Lobby Bar (5:00 - 7:00)				
MONDAY, May 13							
8:15	Keynotes: TechConnect World & National Innovation Summit (Harvard Medical, Boeing, BASF & U.S. Senator Landrieu), Potomac A, p.54						
10:00	Expo Opening & Coffee Break, Expo Hall A						
11:00	Reconfigurable NanoFabs for Printing Electronics & Sensors , Potomac 3, p.55	Carbon Nanostructures, W-Wilson B, p.54	Green Electronics, Annapolis 4, p.55	Energy Storage, W-Wilson D, p.55	Cancer Nanotech I, Potomac C, p.55	Innovation Spotlights: Electronics & Energy, Potomac 1, p.56	11:00
	Nanoscale Characterization: Indirect space I, Annapolis 1-2, p.56	Gas Phase Synthesis & Processing of Nanoparticles, W-Wilson C, p.54	Micro & Nano Fluidics: Particle & Cell Transport, Annapolis 3, p.55	Carbon Capture I, Baltimore 4, p.56	Micro & Nano Fluidics: Particle & Cell Transport, Annapolis 3, p.55	BASF Session: Chemistry & Materials Science for a Sustainable Future, Potomac 2, p.56	
	NNI National Signature Initiative - Keynotes, Baltimore 1-2, p.56	Novel Nanocomposites I, Baltimore 3, p.54	Innovation Spotlights: Electronics & Energy, Potomac 1, p.56	BASF Session: Chemistry & Materials Science for a Sustainable Future, Potomac 2, p.56	Bio Nano Materials: Self-assembly & Biomimetics, Potomac 5-6, p.55	NNI National Signature Initiative - Keynotes, Baltimore 1-2, p.56	
	BASF Session: Chemistry & Materials Science for a Sustainable Future, Potomac 2, p.56	Soft Nanotech & Colloids: Micro & Nano Structure Design I, Potomac 4, p.54	NNI National Signature Initiative - Keynotes, Baltimore 1-2, p.56	Nano-Magnetic Catalysts, Baltimore 5, p.55	Nano-Magnetic Catalysts, Baltimore 5, p.55		
		Nano-Magnetic Catalysts, Baltimore 5, p.55	Reconfigurable NanoFabs for Printing Electronics & Sensors , Potomac 3, p.55				
		Bio Nano Materials: Self-assembly & Biomimetics, Potomac 5-6, p.55					
		NNI National Signature Initiative - Keynotes, Baltimore 1-2, p.56					
12:00							
Expo Hall A - Networking & Lunch (available for purchase)							
2:00							
	Nanoscale Characterization: Indirect space II, Annapolis 1-2, p.59	EHS: Methods, Research & Test Strategies, Annapolis 4, p.59	Micro/Nano Fluidics: Biofluidics Devices, Annapolis 3, p.59	Nanotech for Solar Energy - NNI Signature Initiative I, Baltimore 1-2, p.57	Cancer Nanotech II, Potomac C, p.59	Innovation Spotlights: Materials I, Potomac 1, p.60	2:00
	Nanotech Knowledge Infrastructure - NNI Signature Initiative, Potomac 3, p.57	Superhydrophobic/Hydrophilic Surface Applications I, Azalea 3, p.58	Organic & Flexible Electronics I, Azalea 1, p.58	Carbon Capture II, Baltimore 4, p.60	Micro/Nano Fluidics: Biofluidics Devices, Annapolis 3, p.59	Innovation Spotlights: Defense & Energy, Potomac 2, p.60	
	Thermo Scientific - Open W rkshop (6:30), Annapolis 1-2, p.61	Nanoparticles: Functionalized & Wet Synthesis, W-Wilson C, p.56	Innovation Spotlights: Defense & Energy, Potomac 2, p.60	Innovation Spotlights: Defense & Energy, Potomac 2, p.60	Defense Threat Reduction Agency (DTRA) , Azalea 2, p.60	Innovation Spotlights: Electronics & Sensors (4:00), Potomac 1, p.60	
		Novel Nanocomposites II, Baltimore 3, p.57	CNS: Electronics & Devices, W-Wilson B, p.56	Energy Storage: Batteries & Electrochem, W-Wilson D, p.59	Bio Nano Materials: Pharma Apps, Potomac 5-6, p.58	Innovation Spotlights: Materials & Energy (4:00), Potomac 2, p.61	
		Nanomaterials for Catalysis, Baltimore 5, p.58	Innovation Spotlights: Electronics & Sensors (4:00), Potomac 1, p.60	Innovation Spotlights: Materials & Energy (4:00), Potomac 2, p.61		Strategic Nanotech Partnerships & Opportunities in China (4:30), Expo Hall A, p.61	
		Innovation Spotlights: Materials I, Potomac 1, p.60					
		Soft Nanotech & Colloids II, Potomac 4, p.57					
		CNS: Electronics & Devices, W-Wilson B, p.56					
4:30	Poster Session & Expo Reception (4:30 - 6:30), p.61		Nanotech Opportunities in China Booth Expo-Theater (4:30pm)		Thermo Scientific - Open W rkshop, Annapolis-1 (6:30pm)		4:30

Conference-At-A-Glance







Tuesday, May 14

	 Fabrication & Characterization	 Advanced Materials	 Electronics & Microsystems	 Energy & Environment	 Biotech & Medical	 TechConnect Business & Partnering	
8:30	The Future of Global and American Innovation : Keynote Panel, Potomac A, p.69				Nanomedicine NNBM Editorial Board Room (9:00 - 5:00), Chesapeake 6	DOE - Technology Transfer Working Group (9:00 - 5:00), Baltimore 1-2	8:30
10:00	Expo Hall A - Coffee & Networking, Expo Hall A						
10:30	Modeling & Simulation at the Nanoscale, Potomac 4, p.69	Innovation Spotlights: Materials II, Potomac 1, p.69			Innovation Spotlights: Biotech & Biosciences, Potomac 2, p.69	Innovation Spotlights: Materials II (10:30), Potomac 1, p.69	10:30
11:00	Nanoscale Characterization: Vendor Session, Chesapeake 7-9, p.72	CNT: Synthesis & Apps, Baltimore 5, p.70	Organic & Flexible Electronics II, W-Wilson D, p.70	Nanoparticle Release during Product Life Cycle I, Chesapeake A-C, p.71	Bio Nano Materials: Cellular Interactions & Tissues, W-Wilson C, p.70	Innovation Spotlights: Biotech & Biosciences (10:30), Potomac 2, p.69	11:00
		Synthesis of Nanoparticles, Chesapeake E-F, p.70	Nano Electronics for 2020 & Beyond - NNI Signature Initiative, W-Wilson B, p.71	Energy Storage: Fuelcells, Chesapeake G-I, p.71	Materials for Drug & Gene Delivery I, Chesapeake 4-5, p.70		
		Superhydrophobic/Hydrophilic Surface Applications II, Chesapeake 1-3, p.70	MEMS & NEMS: Apps and Devices, Baltimore 4, p.71	Nanotech for Oil & Gas, Potomac 5, p.71	Bio Sources for Drug & Gene Delivery I, Baltimore 3, p.71		
		Materials for Drug & Gene Delivery I, Chesapeake 4-5, p.70		Bio Sources for Materials & Fuels, Baltimore 3, p.71	Biosensors: Nanoparticles in Imaging, Annapolis 1-2, p.72		
12:00	Expo Hall A - Networking & Lunch (available for purchase), Poster Session (1:30 - 3:30), p.72 TechConnect Expo Close (4:00)						
1:00	National SBIR Conference: 20 Agency One-on-One Roundtables (1:00-4:00), Expo Hall A DARPA, DOE, DOD-OSD Small Business, DOD-OSD ASD(R&E), Dept. of Education, Dept. of Homeland Security, NOAA Air Force, Navy, Dept. of Transportation, EPA, MDA, NASA, NSF, Small Business Admin (SBA), USDA, NIH, NIH-NCI, NIH-NHLBI, NIH-NINDS			SBIR/STTR Short Courses (Phase 1, Phase 2, Cost Accounting - Registration Required)			1:00
2:30				Innovation Spotlights: Transportation & Energy (2:30), Potomac 2, p.80		Innovation Spotlights: Transportation & Energy (2:30), Potomac 2, p.80	2:30
3:00/4:00	NanoFab: Advanced Patterning (3:00), Annapolis 3-4, p.82	Innovation Spotlights: Materials & Chemicals (3:00), Potomac 1, p.81	Nano Electronics for 2020 & Beyond - NNI Signature Initiative (3:00), W-Wilson B, p.81	Nanoparticle Release during Product Life Cycle II (3:00), Chesapeake A-C, p.81	Biosensors: Clinical/health Apps (3:00), Annapolis 1-2, p.82	Innovation Spotlights: Materials & Chemicals (3:00), Potomac 1, p.81	3:00/4:00
	Nanoscale Characterization: Direct Imaging (3:00), Chesapeake 7-9, p.82	Nanocellulose Composites (3:30), Chesapeake E-F, p.83	Microsystem Compact & Device Modeling (3:00), Potomac 6, p.82	Solar: Nano Materials & Organic (3:00), W-Wilson C, p.81	Materials for Drug & Gene Delivery II (3:30), Chesapeake 4-5, p.83	Innovation Spotlights: Energy Storage & Efficiency (4:00), Potomac 1, p.84	
		Coatings & Surfaces: Modeling (4:00), Baltimore 3, p.84	MEMS & NEMS: Novel Fab & Materials (3:30), Baltimore 4, p.83	Advanced Materials for Green Building (3:30), Potomac 3, p.83	Innovation Spotlights: Pharma & Medical Devices (4:30), Potomac 2, p.84	Innovation Spotlights: Pharma & Medical Devices (4:30), Potomac 2, p.84	
		CNS: Aerospace (4:00), Baltimore 5, p.84	Micro & Nano Fluidics: Devices (3:30), Chesapeake D, p.83	Grid & Power Distribution (4:00), Chesapeake 11-12, p.84	Nanomedicine - NNBM Editorial Meeting (5:00), Chesapeake 6, p.84		
		Nanofluids: Oil & Gas Apps (4:00), Potomac 5, p.84		Innovation Spotlights: Energy Storage & Efficiency (4:00), Potomac 1, p.84			
5:00/7:00	TechConnect National Innovation Showcase (5:00 - 7:30), Maryland Ballroom		Nanomedicine - NNBM "Meet the Editor" Reception (7:00 - 9:00) Chesapeake 6		Student Mixer - National Pastime Sports Bar & Grill (no host), Atrium Level (7:00-9:00)		5:00/7:00



Conference-At-A-Glance

Wednesday, May 15 & Thursday, May 16

	 Fabrication & Characterization	 Advanced Materials	 Electronics & Microsystems	 Energy & Environment	 Biotech & Medical	 TechConnect Business & Partnering	
WEDNESDAY, May 15							
8:00	National SBIR Conference Opening Keynotes - Padmini Raghava, Director SBA & Todd Park, Chief Technology Officer, The White House, Potomac A						8:00
8:30	NanoFab: Advanced Processing, Chesapeake 7-9, p.86	Polymer Nanotech, Chesapeake 1-3, p.85	MEMS & NEMS: Novel Apps, Baltimore 5, p.85	NanoNuclear Materials: Fuels & Apps, Potomac 1, p.85	Nano Medicine I, W-Wilson C, p.85	SBIR/STTR 101 - Ins & Outs of Programs, Potomac A, p.85	8:30
	The Importance of Characterization to Technology, Chesapeake G-1, p.86	Nanoparticles: Life Sciences & Biomaterials, Baltimore 4, p.85		Solar: Novel Technologies, W-Wilson B, p.85	Nanoparticles: Life Sciences & Biomaterials, Baltimore 4, p.86	The Importance of Characterization to Technology, Chesapeake G-1, p.86	
	Nanotech Knowledge Infrastructure (NKI) - NNI Town Hall, Chesapeake D-F, p.87	Graphene I, Chesapeake 4-6, p.86		Energy Storage: Supercaps & Magnetic I, W-Wilson D, p.86	Biosensors: Novel Approaches & Instrumentation, Annapolis 1-2, p.86	DOE Industry Collaborations with National Labs (9:00), Potomac 4-5, p.87	
	DOE Industry Collaborations with National Labs (9:00), Potomac 4-5, p.87	Novel Coatings & Surfaces, Chesapeake A-C, p.87		Nanoparticle Release during Product Life Cycle III, Annapolis 3-4, p.85			
10:00	TechConnect National Innovation Showcase & Coffee Break, Maryland Ballroom	SBIR Agency One-on-One Meetings					10:00
10:00/11:00		Photonics Materials & Devices I (10:30), Chesapeake 7-9, p.87	Photonics Materials & Devices I (10:30), Chesapeake 7-9, p.87		Materials for Drug & Gene Delivery III (10:30), Chesapeake 1-3, p.87	DOE, NASA, NIH & NSF SBIR/STTR (10:15), Annapolis 1-2, p.87	10:00/11:00
	Sustainable Nanomanufacturing I - NNI (11:00), Chesapeake D-F, p.88	Energy Composites (11:00), Baltimore 3, p.88	Nanotech for Sensors & Sensors for Nanotech - NNI (11:00), W-Wilson B, p.88	EHS: Safer Design Principles I (11:00), Potomac C, p.88	Nano Medicine II (10:30), W-Wilson C, p.88	DOD SBIR/STTR Program & Services (10:15), Annapolis 3-4, p.87	
	Nano Electronics: Characterization (11:00), Chesapeake G-1, p.89	Nanofluids II (11:00), Baltimore 4, p.88	Inkjet Design & Apps I (11:00), Baltimore 5, p.89	Energy Storage: Supercaps & Magnetics (11:00), W-Wilson D, p.89	EHS: Safer Design Principles I (10:30), Potomac C, p.88	EPA, DHS, DOD, DOT, NIST, NOAA SBIR/STTR (10:15), Baltimore 1-2, p.87	
	National User Research Facilities - Company Advantage (11:00), Potomac 4-5, p.90	Nanowires Apps (11:00), Potomac 6, p.89	Nano Electronics: Characterization (11:00), Chesapeake G-1, p.89	Innovation Spotlights: Water Technology (11:00), Potomac 2, p.90	Nanotech for Sensors & Sensors for Nanotech - NNI (11:00), W-Wilson B, p.88	Innovation Spotlights: Pharma & Biotech (11:00), Potomac 3, p.89	
		Graphene: Synthesis & Production (11:00), Chesapeake 4-6, p.89		National User Research Facilities - Company Advantage (11:00), Potomac 4-5, p.90	Innovation Spotlights: Pharma & Biotech (11:00), Potomac 3, p.89	Innovation Spotlights: Water Technology (11:00), Potomac 2, p.90	
						National User Research Facilities - Company Advantage (11:00), Potomac 4-5, p.90	
12:00	TechConnect National Innovation Showcase & Lunch (available for purchase), Maryland Hallway						12:00
1:15/2:00	Sustainable Nanomanufacturing II - NNI (2:00), Chesapeake D-F, p.91	Graphene: Nanoelectronics (2:00), Chesapeake 4-6, p.91	Graphene: Nanoelectronics (2:00), Chesapeake 4-6, p.91	EHS: Safer Design Principles II (2:00), Potomac C, p.93	Nano Medicine III (1:30), W-Wilson C, p.91	SBIR Non-DOD Commercialization & Partnering (1:15), Annapolis 1-2, p.90	1:15/2:00
	Innovation Spotlights: Materials & Chemicals (2:00), Potomac 1, p.93	Natural Composites (2:00), Baltimore 3, p.91	Nanotech for Sensors & Sensors for Nanotech - NNI (2:00), W-Wilson B, p.92	Advanced Water Technologies (2:00), Potomac 4-5, p.93	Nanotech for Sensors & Sensors for Nanotech - NNI (2:00), W-Wilson B, p.92	SBIR DOD Services & Components (1:15), Annapolis 3-4, p.90	
		Nanofluids III (2:00), Baltimore 4, p.91	Photonics Materials & Devices II (2:00), Chesapeake 7-9, p.92	Energy Storage: Storage & Harvesting (2:00), W-Wilson D, p.93	Polymers for Drug & Gene Delivery (2:00), Chesapeake 1-3, p.92	SBIR (Non-DOD) Application & Evaluation (1:15), Baltimore 1-2, p.90	
		Polymers for Drug & Gene Delivery (2:00), Chesapeake 1-3, p.92		Innovation Spotlights: Energy Management & Security (2:00), Potomac 2, p.94	Nano Medicine IV (3:30), W-Wilson C, p.94	Innovation Spotlights: Materials & Chemicals (2:00), Potomac 1, p.93	
		Innovation Spotlights: Materials & Chemicals (2:00), Potomac 1, p.93	Photonics Materials & Devices II (2:00), Chesapeake 7-9, p.92	Innovation Spotlights: Renewable & Novel Energy (4:00), Potomac 2, p.94	Innovation Spotlights: Medical Devices (4:00), Potomac 1, p.94	Innovation Spotlights: Energy, Grid & Security (2:00), Potomac 2, p.94	
						Innovation Spotlights: Medical Devices (4:00), Potomac 1, p.94	
						Innovation Spotlights: Renewable & Novel Energy (4:00), Potomac 2, p.94	
						University-Industry Collaborations - UIDP (4:00), Potomac 3, p.94	
5:00	TechConnect National Innovation & Federal Agency Showcase, Maryland Ballroom	TechConnect Poster Session III, Maryland Hallway, p.95					5:00
7:00	TechConnect Innovators Banquet, Woodrow Wilson A Ballroom (additional registration required)						7:00
THURSDAY, May 16							
8:00	National SBIR Conference (open to ALL attendees) Agency One-on-One Meetings, Baltimore 3-5, (0815 - 1200)						8:00
8:15	SBIR Track 1: Operational Hurdles and Legal Issues Faced by Small Business, Annapolis 1-2, p.99	SBIR Track 2: How Successful Small Businesses Have Used the SBIR and STTR Programs, Annapolis 3-4, p.99					8:15
8:15	What Should I Know About Fraud, Waste and Abuse? Annapolis 1-2, p.99	Small Firms Discuss the Keys to Their DOD SBIR Program Success, Annapolis 3-4, p.99		Changes to Size Standard & Certification Process based on SBIR Reauthorization, Baltimore 1-2, p.99			8:15
9:05	Data Rights - How Does SBIR/STTR Differ From Other Federal Programs? Annapolis 1-2, p.99	Small Business Discuss the Keys to Their Non-DOD SBIR Program Success, Annapolis 3-4, p.99		How Do I Approach Potential Investors? Baltimore 1-2, p.99			9:05
10:15	What should I know about ITAR? Annapolis 1-2, p.99	Pre-Award Accounting Systems, Annapolis 3-4, p.99		Outreach to Women- and Minority-Owned Businesses, Baltimore 1-2, p.99			10:15
11:05	What Are My Options in Developing a Manufacturing Competency? Annapolis 1-2, p.99	What SBIR/STTR Support is Available at State, Regional or Local Levels? Annapolis 3-4, p.99					11:05