



RESIDENT COMPANIES

bwtech@UMBC North

RESEARCH PARK COMPANIES

Allegis Group

www.allegisgroup.com

With over two decades of staffing expertise, Allegis Group has earned a reputation for providing professional talent with the skills and expertise businesses need to succeed. Their industry-specific focus paired with a dedication to client satisfaction, has made Allegis Group one of the largest and most reliable staffing companies in the world. Allegis Group provide staffing solutions to a wide range of industries, understanding that a specialized approach to recruiting ensures the placement of the most qualified candidates.

Allegis Group has staffing solutions designed to help:

- Recruit contract and temporary assignment staff
- Hire professionals for permanent placement
- Manage your workforce and control costs

The company has hundreds of locations throughout the United States as well as a growing international presence throughout North America, Europe, and Asia.

Audacious Inquiry

<http://www.audaciousinquiry.com/>

Audacious Inquiry is a management and technology consulting firm with domain expertise in health information systems, web application development and analytical services. The company works in partnership with client organizations, including healthcare provider organizations, businesses, non-profit associations, and government organizations to maximize positive outcomes and minimize the risks of the practical application of information technology.

CardioMed Device Consultants

www.cardiomedllc.com

CardioMed Device Consultants, a minority-owned company that provides a broad range of regulatory consulting, engineering consulting, and regulatory department training services. Although the company focus is on cardiovascular and general hospital devices, their education, experience, and broad knowledge of FDA's processes and requirements have proven valuable for manufacturers of medical devices intended for various medical specialty areas.

Clear Resolution Consulting

www.clearresolutionconsulting.com

Clear Resolution Consulting, LLC is a small business provider of performance management, strategic management, governance, process improvement and development, and technology development and automation solutions to the Department of Defense and the Intelligence Community.

Convergent Technologies Incorporated

www.cti-usa.net

Convergent Technologies, Inc. ("CTI") has been providing professional services to clients since 1997. CTI offers consulting expertise in the areas of Internet solutions, IT Infrastructure Architectures and Systems Integration. CTI primarily offers Engineering & Information Technology Development and Support services. Engineering Services include Feasibility Studies, Business Process Re-Engineering, Software Engineering, Systems and Information Engineering, System Security Engineering & Information Assurance, and Telecommunication Systems Design & Engineering. IT & Development Lifecycle Services include Full Lifecycle Support, Requirements Analysis, Software Engineering Institute (SEI) CMM Process Implementation, Object Oriented Design/Programming, Rapid Application Development (RAD), Systems Programming, Systems Development and Testing, Systems and Database Design, Systems Integration, and Systems & Software Configuration Management (SCM). CTI also offers product development and support services for Wireless & Handheld Computing technology. Using CTI's services a client can effectively implement this technology within their IT infrastructure.

C-volve

C-volve provides customers with data breach security, open source intelligence and cyber related defensive and offensive services and solutions that ensure leading edge cyber advantage. C-volve informs, protects and defends.

C-volve's customer focus areas include Federal Government, State and Local Government, Law Enforcement, Intelligence Community and Financial and Healthcare market segments.

Erickson School of Aging Studies

www.umbc.edu/erickson

The Erickson School of Aging Studies was established at the University of Maryland , Baltimore County (UMBC) in the spring of 2004 with the aim of becoming the preeminent resource for education, research and public policy on aging and services for the mid-life and aging population. The School currently offers non-credit courses for executives in the Seniors Housing and Care industry, and in January 2006, the School will launch a graduate certificate in Seniors Housing and Care. In the fall of 2006 and the fall of 2007, the School expects to launch a Bachelors Degree and a Masters Degree, respectively, in the Management of Aging Services. Prior to the founding of the Erickson School, UMBC already boasted strong credentials in aging and aging-related areas. For example, some sixteen faculty members specializing in aging, health and public policy already resided across a number of UMBC departments. In addition, a number of educational programs in Health, Aging & Public Policy were already in existence at both the undergraduate and graduate levels. The Erickson School of Aging Studies will build on this strong foundation, and in the process prepare the next generation of leaders to meet the needs of the mid-life and older population.

Farfield Systems, Inc.

www.farfieldsystems.com

Farfield is an SDV Small Business that specializes in providing Program/Business Management Support, Database Design/Development, Systems & Software Engineering, Information Technology services, Intelligence Support, and Training.

Goddard Planetary Heliophysics Institute (GPHI)

The Goddard Planetary Heliophysics Institute (GPHI), operating under a 5-year, \$10 million cooperative agreement, will provide support and resources for university researchers to collaborate with scientists at NASA's Goddard Space Flight Center as they refine efforts to predict the solar activity that ejects charged particles into space. The "weather" created by these events interferes with power grids, telecommunication systems and other activities on Earth, while also threatening spacecraft and creating risks for space travel.

InTTENSITY

www.inttensity.com

InTTENSITY is a certified reseller of Attensity Government Systems. Attensity Government Systems (AGS) provides semantic technologies and software applications that enable government agencies to quickly find, understand, and use

information trapped in unstructured text to drive critical decision-making. AGS solutions pre-integrate nouns (entities) together with verbs, combining leading semantic technologies, such as Inxight ThingFinder®, with Attensity's unique exhaustive extraction and other semantic language capabilities. This creates a unique capability to see important relationships, create link analysis charts, easily integrate with other software packages, and connect the dots in near real-time when time is of the essence. The comprehensive suite of commercial off-the-shelf applications includes intelligence analysis, social media monitoring, voice of the citizen, automated communications response and routing, and the industry's most extensive suite of semantic extraction technologies. With installations in intelligence, defense and civilian agencies, Attensity enables organizations to better track trends, identify patterns, detect anomalies, reduce threats, and seize opportunities faster. More information is at <http://www.attensitygov>.

Joint Center for Earth Systems Technology (JCET)

www.jcet.umbc.edu

JCET operates under cooperative agreement between UMBC and the Goddard Space Flight Center (GSFC). JCET meets the common interest of UMBC and GSFC to foster graduate and undergraduate teaching in the Earth Sciences and to develop new technology in environmental remote sensing. JCET faculty are affiliated with the Departments of Physics, Math/Statistics, Chemistry, CSEE and Geography and Environmental Systems. JCET's research focuses on five themes: (1) atmospheric radiation, (2) observations, (3) modeling and data assimilation, (4) clouds and precipitation and (5) interdisciplinary studies. JCET faculty based at the Technology Center are working on problems of the Earth's dynamo, gravity, volcanology and ocean productivity

Maryland Business Roundtable for Education (MBRT)

www.mbrt.org

Founded in 1992, the Maryland Business Roundtable for Education (MBRT) is a coalition of more than 100 leading employers that have made a long-term commitment to support education reform and improve student achievement in Maryland.

Med-IQ

www.med-iq.com

Launched in 2005, Med-IQ specializes in providing CME/CE that responds to diverse learning styles and offers healthcare professionals greater accessibility. Med-IQ develops educational activities through multimedia formats including live events, interactive Webcasts, podcasts, satellite television broadcasts in hospitals, audioconferences, DVDs, and print publications; and they measure the efficiency of their clinical and practice management activities through outcomes assessments.

National Association of Educational Procurement (NAEP)

www.naepnet.org

The National Association of Educational Procurement, Inc. is the professional association serving colleges and universities nationwide. NAEP was organized in 1921 to provide a forum where campus purchasing professionals might share valuable information. They are the professional association dedicated to serving higher education by providing those with purchasing responsibility with the specialized information they must have. Their mission is to advocate the development, exchange and practice of effective and ethical procurement principles and techniques within the higher education and associated communities, through continuing education and networking.

Observation Baltimore

www.observationbaltimore.com

Observation Baltimore, repeatedly rated "One of the World's Best Focus Group Facilities" by Impulse Survey, features three spa-like and technology-friendly focus group suites. Each spacious suite is elegantly appointed, including tiered observation, client lounges with closed-circuit viewing, and every creature comfort. Observation Baltimore's practices are environmentally kind and our offices have been constructed with LEED certified, energy-saving materials.

They offer precise recruiting of consumers, physicians, healthcare and business-to-business professionals for market research studies. They are seasoned market research industry experts with proactive client services. Observation Baltimore is a division of The Research Group, a full-service market research firm.

[PaRaBaL, Inc.](#)

www.parabal.com

PaRaBaL, Inc. was founded on the premise that technology can make our government work better for society. Making Software Matter for Government, their motto, is a mission statement that the company strives to accomplish in every action, every day, with every customer. Making Software Matter for Government means that with the right software, in the right application, government can be more beneficial to the public it serves. PaRaBaL inserts software and new technologies into government to improve the way government does business and performs missions. This goal is not always simple when faced with complicated workflows, large systems, antiquated environments and onerous paperwork. PaRaBaL resells cutting edge software that sifts, analyzes, collects, aggregates, federates, and links information. PaRaBaL's service providers offer cloud security as well as Cyber Computer technologies. PaRaBaL provides means of scouting for new technologies for government that would be helpful to government application. PaRaBaL works actively with U.S. universities to locate, find and promote technologies for government. PaRaBaL builds its intellectual property and code base (Cyber-Network Attack, Cyber Network Defense, Open Source Hadoop and cloud technologies), to fit critical mission needs for agencies.

[Physicians Practice, Inc.](#)

www.physicianspractice.com

Physician's Practice, an innovative healthcare media and education company, creates content to help physicians strengthen their practice operations through its award-winning journal, Physicians Practice(R), America's Leading Practice Management Journal, popular Web site, audio conferences, newsletters, satellite television programs, and live seminars.

[Research Triangle Institute, Inc. \(RTI\)](#)

www.rti.org

Research Triangle Institute Inc's Transdisciplinary Behavioral Science Program (TBSP) uses RTI's range of capabilities to advance a transdisciplinary and translational theoretical and methodological framework for the study, prevention, and treatment of high-risk behaviors such as drug abuse and aggression. RTI's research is predicated on recent studies in behavioral and molecular genetics, neuroscience, biology, physiology, environmental health, psychology, and the social sciences whose findings describe the interactive influence of environment and genetics on high-risk behaviors.

[Retirement Living TV \(RLTV\)/Erickson](#)

<http://www.rl.tv>

The RLTV Building is the home of Retirement Living TV, the only cable network dedicated to serving the needs of adults 50+ with information and entertainment that inspires and changes the perception of aging. The network has Emmy award-winning programming that addresses a variety of subjects and genres including health, finance, travel, reality, comedy and drama. It is RLTV's vision to be the top television network, online destination, and media brand for adults 50+. The building will also house Erickson's Marketing and Information Technology Departments. The Erickson entities will collaborate with UMBC faculty and students in the Erickson School and the departments of Media and Communication Studies, Visual Arts, Information Technology, and Marketing through research and internship opportunities.

[RMF Engineering, Inc.](#)

www.rmf.com

The firm of RMF Engineering, Inc. (RMF) was incorporated in 1983 with its initial focus on mechanical and electrical engineering. Since then, RMF has expanded its services and has five office locations. The firm is nationally recognized for the analysis, planning, and design of complex buildings and campus utility generation and distribution systems. Disciplines include: mechanical, electrical, civil, structural, infrastructure, and aquacultural engineering. Other services include commissioning, plant operations, emissions testing, and non-destructive testing. The firm also has several experienced LEED Accredited Professionals.

RTGX - Ross Technologies, Inc.

www.rtgx.com

RTGX provides consulting services in a variety of disciplines that include expertise in software engineering, designing systems and solutions that protect and further our nation's global security interest, helping customers achieve program and project management excellence or managing vital network and information technology functions.

Key Practice Areas include Cyber Security, Network/Systems Integration, WEB application and portal design and development, Project Management, Training, Communication and Outreach (Branding, media and event planning), Software Engineering.

TechGuard Security, LLC

www.techguardsecurity.com

TechGuard Security, LLC is a global provider of innovative Network Security Solutions, Security Product Development, System Integration, Project Management and Security Services addressing the challenges associated with network security and privacy. TechGuard products include The Great Walls of Fire® firewalls, IDS and Spam filters. Techguard initiatives include securing network infrastructures, maintaining firewall integrity, identifying network vulnerabilities, managing information security, and staying aware of privacy issues and changing security concerns created by a global Internet and cyborterrorist threats. TechGuard serves U.S. Government Agencies, Fortune 1000 businesses, financial sector, legal, manufacturing and medical community clients as a trusted security products and services provider.

Telcordia

www.telcordia.com

Telcordia, a global leader in the development of mobile, broadband and enterprise communications software and services, enables Communications Service Providers (CSPs), enterprises, suppliers and governments to successfully deploy innovative and advanced services that help clients realize operational efficiencies, drive revenue, and maintain a competitive edge. As the industry's go-to expert for solving the most complex communications challenges, Telcordia is known for getting it right the first time and for having the depth of expertise to fully understand customers' situation, respond appropriately, and deliver as promised. Telcordia has globally trusted expertise in software and services to meet the needs of customers and partners, including, consulting, next-generation OSS, network and application interconnection, service delivery and charging solutions, industry research and new technology development. Telcordia is headquartered in Piscataway, N.J., with offices throughout North America, Europe, Asia, Central and Latin America.

UMBC ACTiVATE® Program

www.umbc.edu/activate

UMBC's Achieving the Commercialization of Technology in Ventures through Applied Training for Entrepreneurs (ACTiVATE®) program introduces highly-driven, mid-career women to the basics of entrepreneurship and technology commercialization. Trainees will work with technology innovations from universities in the region and turn them into technology-based, start-up companies. ACTiVATE® is a systematic model for increasing the commercialization of technology innovations from research institutions in the State of Maryland by training women entrepreneurs to create technology-based, start-up companies.

UMBC Office for Research Protections and Compliance

www.umbc.edu/research/ORPC/

The UMBC Office for Research Protections and Compliance provides a centralized resource for the campus community to ensure that research is conducted in a manner consistent with federal, state and institutional regulatory requirements and achieve compliance by following the highest ethical standards governing research activities

UMBC Office of Technology Development

www.umbc.edu/otd

The UMBC Office of Technology Development is responsible for commercializing new technologies developed as a result of UMBC's research activity so that the fruits of that research in the form of new products and services can be made available to the general public.

[UMBC Research Park Corporation](#)

Ellen Hemmerly, Executive Director
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hemmerly@umbc.edu

The bwtech@UMBC Research Park is a five building, 41-acre university-affiliated business park, with over 350,000 square feet of Class A office and laboratory space designed for technology companies and research institutions. Over 20 organizations call the Park home, including the U.S. Geological Survey, RWD Technologies, NASA/Goddard Earth Science and Technology Center, Retirement Living TV and RMF Engineering. bwtech@UMBC's unique public-private partnership offers tenants access to world-class UMBC faculty, students, technology, programs and facilities. Located directly adjacent to the UMBC campus and minutes from BWI Thurgood Marshall Airport, the Park is convenient to a number of federal agencies and research centers such as NSA, NIH, FDA, DOE, The Johns Hopkins Hospital and the University of Maryland Medical Center. bwtech@UMBC companies also benefit from the Park's federal HUBZone and state Enterprise Zone designations.

[United States Department of the Interior, U.S. Geological Survey \(USGS\) Maryland-Delaware-District of Columbia Water Science Center](#)

<http://md.water.usgs.gov>

The U.S. Geological Survey is the Nation's largest natural-science agency and has the principal responsibility within the Federal government for providing the Nation with reliable, impartial information to describe and understand the Earth, including mapping, assessing geologic resources and hazards, understanding natural biological resources, and providing hydrologic information for appraising the Nation's water resources. This information is used to minimize loss of life and property from natural disasters, manage resources, enhance and protect the quality of life, and contribute to wise economic and physical development. The Maryland-Delaware-D.C. Water Science Center conducts regional water-resource investigations, consisting of basic data collection and research on the streams, springs, lakes, and aquifer systems of Maryland, Delaware, and the District of Columbia. Streamflow, ground-water levels, and water-quality data are collected at numerous locations, and water-use data are collected throughout the area. These hydrologic data and other data are used in research and hydrologic studies to describe the quantity, quality, and location of the area's water resources. The collection, analysis, and interpretation of the data are done in cooperation with other federal, state and local agencies, universities, and research centers.

[U.S. Forest Service, Research & Development, Northern Research Station, Baltimore Field Office](#)

<http://www.fs.fed.us/>

The U.S. Forest Service's Baltimore Field Station provides policymakers, government agencies, NGOs, and local communities with technical capabilities and application tools, scientific expertise, and unique information to facilitate urban natural resource stewardship, monitor and evaluate investments in green infrastructure, and promote environmental literacy in order to make urban areas more desirable places to live and mitigate impacts upon the Chesapeake Bay.

CYBER INCUBATOR COMPANIES

[Appistry, Inc.](#)

www.appistry.com

Appistry is a leading provider of analytics solutions based on cloud computing technologies. The company's flagship product, Appistry CloudIQ, is an open, scalable platform for data-intensive applications.

[ASET Partners](#)

www.asetpartners.com/index.php

At ASET Partners, we engage our government partners, combining large-business experience with small-business efficiency and ingenuity, deploying optimal resources and expertise to implement the best solutions to our nation's most challenging problems. The word "partners" is no accident in our corporate name - we work in collaboration with our government clients, engaging optimal resources and leveraging our experience and expertise to identify the best solutions for our nation's most challenging problems. Our capabilities include: system engineering, system lifecycle management, government compliance, and management support.

Calvert Systems Engineering, Inc. (CSE)

www.calvertsystemsengineering.com

CSE is a dynamic, woman-owned Engineering and Consulting Services firm with locations in Maryland and Nebraska . Services include software and systems engineering, configuration management, quality assurance, and program management. Specialties include C4ISR and signals processing custom applications development. CSE provides customers with full software development life-cycle support, including requirements analysis, software design and implementation, and formal testing using CMMI Level 3 equivalent processes and procedures.

Catomi Systems

Catomi Systems is a new company providing high-level expertise in metrics, cost estimating/modeling, earned value management, financial/budget analysis, enterprise resources planning, financial systems design/implementation, and systems engineering (process mapping, simulation, and software requirements) to the Federal intelligence community, DoD, and other Federal agencies.

CWR Technologies

CWR is a strategic IT company specializing in infrastructure consultation and implementation. Our partners have over 150 years of combined experience in the IT industry, and pride ourselves on helping companies achieve their strategy business goals today and for the future.

Cyber Map

www.cybermarylandmap.com

Cyber Map is creating an online map showing Maryland 's cyber resources and facilitating networking between companies. The Cyber Hive, a Cyber Map program, will allow new and established companies from across the country to establish a presence in Maryland , giving them access to the region's cyber resources and opportunities.

Fearless Solutions

www.fearlessolutions.com

Fearless Solutions is a minority owned business that serves a variety of Federal, state and local government clients as well as commercial sector clients. The company's core competencies include: visualization, Rapid Prototyping / Proof of Concept, Software Engineering / Web Application Development, Development Infrastructure Setup, Project and Program Management and Equipment procurement.

Secured Sciences Group (SSG)

www.securedsciences.com

Secured Sciences Group (SSG) is a woman-owned small business based in the bwtech@UMBC Research and Technology Park, University of Maryland, Baltimore County, MD. SSG's principle offerings are: Cybersecurity Services, Governance, Risk & Compliance (GRC) Products & Solutions, Information Technology Services, and Management Support. The SSG vision is to be a top-tier company offering world-class technology services and compliance management solutions. Their mission is to empower their clients through compliance, technology services and products in order to provide the best value.

SITEC Consulting

www.sitec-consulting.net/

SITEC Consulting is Business Process Automation consulting and IT firm, which provides customers with innovative technology, instituted best practices, and quality professionals for both the Federal and Commercial markets. SITEC was founded on, and follows, a corporate philosophy that has enabled the company to enhance their responsiveness to issues, and provide the highest quality of customer service, called the "*SI Touch Way*". The *SI Touch Way* is what makes them different. SITEC listens to their customers, and work together to find solutions to meet their needs. "*We Care, We Listen, and When We Listen We Learn*" by: seeking to fully understand the customer's vision, identifying issues, business needs, and challenges, recommending solutions, analyzing existing processes, and implementing what works best. Leveraging exceptional capabilities, experience, and practices SITEC enhances the customers overall ability to

accomplish the mission. SITEC Consulting: Your trusted partner in “Delivering Tomorrow’s Solutions to Today’s Challenges.”

[Technology Security Associates](#)

www.technology-security-associates.com

Technology Security Associates (TSA), a Service-Disabled Veteran-Owned Small Business, supports a wide-ranging group of Department of the Navy acquisition programs in the areas of technology and information security and international programs. TSA also supports several small and large commercial clients in Information Security.

CYNC PROGRAM COMPANIES

[AccelerEyes](#)

www.accelereyes.com

Business and IT stakeholders in many industries and application domains that AccelerEyes serves rely on the latest technologies to deliver results. AccelerEyes develops and markets Jacket, a software platform that is in use in dozens of countries by hundreds of customers. AccelerEyes' approach to application development and deployment empowers scientists, engineers, and analysts to transform their serial applications, simply, into high performance GPU enabled versions. The combination of rapid application development that they provide with very high level languages changes the landscape for technical and analytical computing.

[Five Directions](#)

Five Directions is an early-stage company working to develop technology that would enable high-assurance file sharing via public or private clouds. Using a data-centric approach, Five Directions secures access through credentialing, encryption, and a robust audit trail. The company's founder, William Arbaugh, also started Komoku, a provider of advanced rootkit security detection solutions, which was acquired by Microsoft in 2008.

[KoolSpan](#)

<http://koolspan.com/>

KoolSpan's TrustChip® simply and intuitively transforms a standard smartphone, or any computing device, into a secure communication device. A purpose-built crypto processor designed into a standard microSD package, the TrustChip makes security an inherent part of the communication experience-as simple as connectivity itself. KoolSpan's TrustChip delivers a full suite of security services including key management, authentication and encryption. Because it is deployed in its own optimized hardware environment, KoolSpan's high-performance TrustChip is insulated from threats that can reside in open platform and mobile host devices. This uniquely additive security processor provides a hardware-anchor to secure voice and other applications which harness the TrustChip's power.

[Oculis Labs, Inc.](#)

www.oculislabs.com

Computer displays are the most overlooked security vulnerability in the world today. There are technologies to protect data at rest (encryption), and data in motion (VPNs), but until now there has been no software solution to protect valuable information at the point of use – the computer monitor. Oculis Labs was founded in 2007 to address that problem. The company looked at traditional physical solutions like plastic filters and closed offices and decided there had to be a better way. The data is digital, so the protection should be digital too. Oculis Labs has built security software that protects data in use on the computer display.

[Rogue Networks](#)

Rogue Networks is working to develop BreachBox, a product that enables traffic monitoring, alerting, and the enforcement of flow policies on large enterprise networks. This early-stage company recently deployed BreachBox during a pilot study with the U.S. General Services Administration (GSA) to enforce traffic policies and contain activity based on internal identity use.

CYBER AFFILIATE COMPANIES

Atlantic Intelligence Research Group

www.air-grp.com/

At our core we are a data driven company. We aggregate state-of-the-art information management and analysis tools with industry specific subject matter experts to provide analytical insight to our clients and partners. Atlantic Intelligence Research Group is a team of certified subject matter experts in the field of information technology, specifically information management, business intelligence, and market research. We work with industry specific subject matter experts in the fields of international trade, government, and healthcare. We employ the most stringent research techniques in our analysis process, in order to generate accurate results for our clients. We differentiate from our competitors because of what we bring to our projects, which are a wealth of in-depth knowledge and experience, coupled with sound practices and information management techniques. We celebrate an innovative and a team like atmosphere where the collaboration of researchers and practitioners yield accurate and insightful results for our clients. We employ the most robust tools to produce not only accurate but also timely results. We develop great relationships with our clients by not only providing excellent work but also by enabling transparent and open lines of communication, inviting them to work with us as we customize our services to their needs.

EnDepth Solutions

www.endepthsolutions.com/

EnDepth Solutions is a Service Disabled Veteran Owned Small Business (SDVOSB) operating as an LLC. EnDepth specializes in providing Information Assurance and Cyber Security Services to our customers in both the Federal Government and private sectors. We pride ourselves on providing the highest quality of work to exceed our customer's goals. As a small business, EnDepth is also focused on providing our employees with opportunities to grow their careers without the restrictions of a large business.

Group Z

www.group-z.net

Group Z provides full System Development Life Cycle (SDLC) services, with a core focus in Application Development and Project Management. Other services include Data Analysis, designing Secure Networks, and providing Network and Help Desk Support. Through these services, Group Z helps its customers achieve their goals by improving productivity, streamlining processes and reducing costs. Since inception in 2001, providing exceptional value has been the foundation of the company.

Intellibit Systems, LLC

www.intellibitsystems.com

Intellibit Systems LLC. is a minority-owned, and veteran-owned business providing professional network data communications and information technology support services to government and commercial clients. They also offer professional information technology education and public outreach services.

bwtech@UMBC South

LIFE SCIENCE AND TECHNOLOGY INCUBATOR COMPANIES

AmBIOcore, Inc.

AmBIOcore, Inc. is developing a new class of imaging agents using nanoparticles, called molecularly imprinted polymers (MIPs), for improving medical imaging technologies such as MRI, PET-scan, CT-scan and SPECT-scan for the imaging of cancer and disease. In addition, MIPs that can be used to diagnose cancer and disease, and they can also be used to target therapeutic agents to treat ailments.

Amethyst Technologies, LLC

www.amethysttech.com

Amethyst Technologies, LLC has services to offer all entities that manufacture parenterals or pharmaceuticals, perform aseptic filling, manufacture medical devices, treat patients, build laboratories, provide blood bank services, manufacture veterinary medicines, and perform animal testing. Amethyst provides cGMP compliant, custom, creative, and cost effective services (4Cs) for FDA regulated activities to increase its customers' profitability, ensure compliance, and promote patient safety. They are experts in the current FDA, ISO, WHO, AAMI, EU, PDA, ISPE, and USP guidelines and recommendations. Their staff is composed of engineers, software experts, and scientists.

Applied Plasma Science, LLC

www.appliedplasmascience.com

Applied Plasma Science LLC is developing a highly-efficient and cost-effective plasma-based method for mass production of graphene platelets. Our customers are companies that require large amounts of bulk graphene for their technological process. The good examples of our graphene product applications include recent emerging technologies such as ultracapacitors, fuel cells and conductive ink.

Biomedica Management Corporation

Biomedica Management Corporation is a Small Business Disadvantaged Company 8(a) certified by the Small Business Administration, operating in the field of the biomedical sciences and research & development. Biomedica signed a CRADA agreement with US Army Institute for Surgical Research to study an intracavitary hemostatic agent for use in the battlefield. The study was funded by TEDCO, and a second round of funding is assured by Johnson & Johnson.

Kydes Pharmaceuticals, LLC

<http://kydespharmaceuticals.com/>

Kydes Pharmaceuticals, LLC is a start-up pharmaceutical company with a vision to design scientifically sound and cost-effective pharmaceutical products based on the state-of-the-art knowledge and technologies.

Noxilizer, Inc.

www.noxilizer.com

Noxilizer has developed a sterilization process based on the oxides of nitrogen. Using this technology, they are pioneering the development and commercialization of a superior gas sterilization system with potential application in two large market segments: biotherapeutics and hospitals. For biotherapeutic applications, the Noxilizer process serves as an enabling technology. Noxilizer has successfully demonstrated the ability to sterilize biologic therapies, drug-device combination products, medical devices and implants. In the past, some of these products could not be sterilized with existing technology or could only be sterilized using aseptic manufacturing – costing millions of dollars. The lack of such a cost-effective sterilization process for this large and emerging class of products has become a development and commercial barrier. For hospital central sterilization departments, Noxilizer's system is being developed for use with sophisticated, reusable surgical equipment. The safety and broad compatibility of the Noxilizer technology provides a significant competitive advantage over existing sterilization systems.

Pearl Lifescience Partners, LLC

Pearl Lifescience Partners, LLC is developing a proprietary platform for improved effectiveness of commercial vaccines using a modified viral particle vaccine technology. The technology uses inactivated, surface-engineered virus particles to induce an immune response against infectious agents.

ProSpect Pharma, Inc.

www.prospectpharma.com

ProSpect Pharma has proprietary technologies enabling the interactions of molecules to be studied in high resolution - leading to improved, amended or prevented processes. ProSpect's methods work by placing certain stable isotopes (¹³ C, ¹⁵ N and deuterium) in certain specific sites of a molecule and examining the result by Nuclear Resonance and/or Mass Spectrometry. In this way high resolution structures and/or metabolic profiles of drug targets and their complexes

can be obtained. Their methods have been shown to enable high resolution structural data to be obtained from many drug target classes, including G-Protein Coupled Receptors (GPCRs) which constitute approx 60% of all drug targets. Data from other target classes suggest that timely availability of structural information can significantly increase the efficiency of the drug design process.

[PsychNostics, LLC](#)

PsychNostics, LLC has developed a diagnostic blood test for Bipolar Disorder and ADHD. This proprietary test uses the Membrane Potential Ratio (MPR™) as a diagnostic blood test marker for Bipolar Disorder (BPD) and Attention Deficit Hyper Active Disorder (ADHD). The test results have been published in peer reviewed scientific journals. Clinical psychiatrists have validated the reliability of this test through clinical trials. PsychNostics, LLC is currently engaged in the development of broader uses of this technology nationwide. Further research is underway to elucidate the biological pathway and the proteins involved so that they could be used as drug targets for developing more effective drugs for these illnesses. Efforts are being made to partner co-development and marketing arrangements with other companies to develop these technologies.

[Quantum Medical Metrics, LLC](#)

www.qmminc.com

Quantum Medical Metrics, LLC. is involved in research, development and production of x-ray spectral imaging systems and advanced quantitative imaging algorithms for the diagnosis and monitoring of human musculoskeletal disease.

[Safe Equine Technologies, Inc.](#)

www.safeequinetechnologies.com

Safe Equine Technologies (“SET”) and its strategic partner New Horizons Diagnostics, (“NHD”) co-occupy space at the UMBC Incubator. SET is a narrow focus biotechnology company that develops and commercializes Diagnostics and Therapeutics to safeguard the health of the equine population. Our products, currently in the final stages of development, are based upon two principal technologies – Bacteriophage derived Lytic Enzymes (Lysins) and Immunochromatographic Lateral Flow Diagnostics. These technologies are derived from the fundamental research efforts of NHD and licensed to SET for completion and commercialization.

SET’s first product to market is a rapid, horse-side test for the detection of *S. zooepidemicus* (*S. zoo*), a highly contagious microbe that causes Equine Endometritis in Mares. This disease is of concern to horse breeders worldwide and great efforts are used to detect and eliminate this organism. The Company’s next product offering will provide Veterinarians with a rapid, inexpensive horse-side diagnostic test for identifying animals infected by the bacterium *S. equi*, the causative agent of Strangles, a highly contagious disease. Strangles is of great concern to horse-owners because it may be easily spread to new horses entering a barn, arena or field. The route of infection is animal-to-animal or environmental. SET’s rapid diagnostic tests can detect the presence of these pathogens using a simple “horse-side” format that produces answers in 15 minutes with results that compare favorably to those obtained from offsite PCR testing. Currently, no competitive barn-side tests for these pathogens are available, and Veterinarians must depend upon off-site testing procedures that require from 48 to 72 hours to provide diagnostic guidance to the practitioner.

In conjunction with New Horizons Diagnostics, SET has also developed a disinfectant that eliminates both *S. equi* and *S. zoo* from the equine environment. Our environmental disinfectant is a targeted killer of these microbes and is harmless to humans, horses and the environment. No existing disinfectant can guarantee the killing of these organisms, while at the same time remaining harmless to animals and the materials often found in the equine environment. The active ingredient in this product is a patented, proprietary highly specific and completely safe lytic enzyme (“PlyC”) licensed from NHD.

Outside of its association with SET, New Horizons Diagnostics has developed a product line of highly sensitive lateral flow diagnostics tests for over 50 analytes, including Cholera, Anthrax, Gonorrhea, Syphilis and numerous bio-warfare agents. NHD has also developed a unique patented system for the detection of ATP luminescence that is used in water, food and surface testing worldwide. NHD is a leader in the development of bacteriophage derived lytic enzymes (Lysins) for the treatment and elimination of numerous human and animal bacterial diseases. Foremost among these is their lysin for the prevention and elimination of Group A Strep in humans. To date NHD has over 150 patents issued or pending.

[Spry Enterprises, Inc.](http://www.spryinc.com)

www.spryinc.com

Spry is a woman-owned information management consulting business. Spry specializes in the application of semantic and other information management technologies to the problems of federated information management and enterprise architecture. Spry is expert at organizing people to accomplish goals, developing formal governance processes for dynamic oversight, and applying a SOA approach to solving integration, interoperability, and information asset portfolio management.

[Synaptic Research, LLC](http://www.synapticresearch.com)

www.synapticresearch.com

Synaptic Research LLC is a biotechnology company which conducts research and develops products based on naturally-occurring large protein molecules. Specifically, the company engineers proteins derived from toxins which affect the synaptic junction. A well-known example of such a protein is the Botulinum Neurotoxin, or BoNT. This protein has unique qualities of targeting and persistence which make it an excellent candidate for further engineering and development of therapeutic and pharmaceutical products.

[Valens Therapeutics, Inc.](http://www.valenstherapeutics.com)

www.valenstherapeutics.com

Valens Therapeutics is a pharmaceutical company focused on the development of therapeutic products for the treatment of neovascular diseases including certain pathological conditions in the eye and cancer. The Company's initial focus is on ophthalmologic disorders caused by unregulated angiogenesis and which offer major opportunities for improved therapies. The ultimate goal is to offer a platform technology of multiple indications for both the ophthalmology and oncology markets. The company's business strategy also includes providing to scientists in the private, government and academic sectors full access to a GMP qualified cleanroom suite for the manufacturing of biologics

CLEAN ENERGY TECHNOLOGY INCUBATOR COMPANIES

[amidus, LLC](http://www.amidus.com)

www.amidus.com

amidus works with clients in the tradeshow and high technology industries to help them formulate and realize their strategy. Their areas of expertise include marketing, business, and technology. amidus has developed an innovative business model, customized software tools, and a comprehensive client servicing methodology. Their value proposition is based upon extensive experience in understanding and resolving real business issues.

[Clean Green Chesapeake, LLC](http://www.cgcincubator.com)

CGC intends to develop algal cultivation systems with:

- Highly integrated systems that reduce harmful discharges while offering multiple high-value output streams, such as agricultural feeds and biofuels.
- Cultivation facilities that are deployable in small- to moderate-scale and can be operated in decentralized settings.
- Polymicrobial communities & regional adaptation of natural ecosystems for environmental enhancement.

[Kenergy Solar](http://www.kenergysolar.com)

www.kenergysolar.com

The mission of Kenergy Solar is to help customers successfully deploy renewable energy systems. Kenergy works with customers to utilize federal, state, and local government subsidies designed to encourage deployment of solar PV systems. They design and install systems to maximize the solar energy potential at your home or office. Kenergy will manage each step of the installation process from pulling permits to obtaining an interconnection agreement with your local utility.

[Plant Sensory Systems, LLC](http://www.plantsensorysystems.com)
www.plantsensorysystems.com

Plant Sensory Systems, LLC. is an agricultural biotechnology company that develops technology to improve crop performance and alleviate negative environmental impact. They optimize the ability of plants to acquire and utilize nutrients to increase biomass, yield, and crop quality. One of their areas of research addresses nitrogen use efficiency (NUE). Increased NUE allows the farmer to decrease the amount of nitrogen-based fertilizer applied to the field without affecting yield. Reducing nitrogen application will decrease production costs and nitrogen runoff, which detrimentally affects the environment. Another area of research targets carbon metabolism to increase levels of sugar, oil, and cellulose, which can be converted into biofuel.

[Plasmonix, Inc.](#)

Plasmonix, Inc. has licensed an extensive patent estate of Metal-Enhanced Fluorescence (MEF) discoveries that have been made by the Institute of Fluorescence (IoF), part of UMBC. MEF is poised to transform the use of fluorescence in a wide range of industries and has the potential to change tremendously the application of fluorescent and luminescent technologies. This is particularly the case in medical research applications where fluorescence and luminescence are the most prevalent detection technologies used today. Plasmonix' ability to increase fluorescent/luminescent signals thousands and even hundreds of thousands times represents a breakthrough technology that will permanently alter the life science assay and detection /medical diagnostic landscape. This lends itself to dramatic decreases in the limit of detection in assays and remarkable gains in speed and sensitivity in medical/biohazard/pathogen detection and diagnostics. Lastly, the technology has application in a large number of consumer and industrial areas.

[StormCenter Communications, Inc.](http://www.stormcenter.com)
www.stormcenter.com

StormCenter Communications, Inc. is an innovative environmental communications company. They have two key areas of operation: Envirocast program creates partnerships between federal, state, non-profit and corporate entities with the media in order to accomplish StormCenter's goal of "Increasing the Environmental IQ of America". Second they develop decision support systems for emergency management, NOAA National Weather Service and the media.

CLEAN ENERGY TECHNOLOGY INCUBATOR AFFILIATE COMPANIES

[DERP Technologies, LLC](http://www.derptech.net)
www.derptech.net

Solutions for interconnectivity and interoperability – bridging the “Legacy Grid” with the emerging “Smart Grid”. Special emphasis on distributed generation and renewable energy sources at the local utility distribution network level.

[Energy Conversion Research Ventures, Inc. \(ECoRe\)](#)

ECoRE is a technology commercialization company that functions as an enabling intermediary between the cleantech community and society at large.

The company focuses on addressing diverse energy-related needs by forming integrated management teams to develop energy solutions that foster sustainable communities and provide affordable, tailored solutions. ECoRe conducts extensive research and due diligence on emergent clean technologies, and matches these technologies with a diverse set of clients. Clients utilize our pool of pre-licensed intellectual property and pre-negotiated joint venture agreements to save money, advance their sustainability goals, and develop unique public-private partnerships. Our experienced team can provide issue-specific consultation and a broad range of comprehensive energy solutions as an implementation partner for the various technologies in our portfolio, while bringing national impact through fostering micro-enterprise community development and alleviating energy poverty.

[Harness Industries, LLC](#)

www.harnessindustries.com

Harness Industries, LLC is an Annapolis based company focused on sustainable technology integration. Harness designs and implements solutions for the communications and commercial development industries to promote state and local government environmental initiatives. The company is fundamentally a service management company that bridges the gap between the public and private sectors by integrating available but under-deployed technologies into practical cost-effective solutions. Harness is working with private partners to develop infrastructure that can support their technologies with a focus on cost recovery and positive environmental impact. Harness has several products in design development, including its patent pending OSPRES™ system. This system integrates a host of existing technologies, such as renewable energy, smart parking, EV infrastructure, and storm water management (SWM). This dynamic solution was designed with our state's most pressing of environmental problems in mind.

[Instant Access Networks, LLC](#)

www.survive-emp.com

Committed to working with the best available resources who will provide solutions for some of the most pressing threats to the viability of communities and their technical infrastructure.

[SemaConnect](#)

<http://www.semaconnect.com/corporate.html>

SemaConnect is a leading developer and producer of electric vehicle charging stations for the new generation of electric cars and trucks. At SemaConnect, they are passionate about developing innovative products to help grow the use of electric vehicles around the world. Their mantra is constant innovation: We continually enhance our systems to provide our customers with the solutions they need. We focus on the user interface so that all of our products are convenient and easy to use. Our goal is to make it easy to be green.

SemaConnect's ChargePro electric vehicle charging stations are based on RISC technology and are designed to high standards of reliability and fault tolerance. The stations are networked using Zigbee and cellular wireless communication technology and communicate with system management servers. All communications are fully encrypted. The overall objective is to build and grow a technology platform that makes it safe, convenient and affordable to re-charge new generation electric vehicles.

[Spiralcat of Maryland](#)

www.spiralcat.com

A Manufacturing research and product development company specializing in Generation IV distributed waste processing plants that recover water, useful industrial chemicals and fuels from high moisture wastes.

[Strategic Services International, LLC](#)

www.strategicservices.co

Strategic Services International, LLC (SSI), provides a variety of integrated technology solutions and services that meet the needs of government, energy utilities, and commercial clients in a variety of vertical industries. Their primary focus and expertise as a solutions integrator are in the areas of: Renewable generation and energy efficiency IT solutions; advanced technology research, development, and production; and network and enterprise cyber security.

ACCELERATOR COMPANIES

[Athena Environmental Sciences, Inc.](#)

www.athenaes.com

AthenaES™ specializes in the development and commercialization of advanced biotechnology-based products. Throughout its eleven year history, the company has maintained a broad perspective for applying its core competency, the use of proteins and enzymes for commercial applications, to develop products. As such, the company currently markets its products and services through two business units and maintains an exploratory R&D group. The Athena

Enzyme Systems Group™ provides specialty reagents and proteins for the production and recovery of recombinant proteins along with providing contract R&D services. Products include: Expression Media, Serum-free Media, Protein Refolding kits, and the PDQ Protease Assay™. This business unit also provides specialized contract research, development and manufacturing services for the production of recombinant proteins. The Athena Environmental Services Group™ designs, develops and manufactures environmentally responsible products. Products developed include: The Bilge Pill™, a biodegradable cleaning product for the removal of oil in boat bilges, and a plant nutrient supplement used in hydroponics, hobby gardens and horticulture that replaces conventional fertilizers, and the Sting Thing™, an enzyme-based invertebrate sting treatment product. More recently, this group developed and has introduced a water-soluble, reversible glue, MagiGlue™. The Athena Exploratory Science Group™ has the mission to pursue research with the potential for significant commercial, environmental and social impact. These projects are far reaching in their scope and represent high risk, high-value projects.

[Aurora Analytics, LLC](http://www.umbc.edu/aurora)

www.umbc.edu/aurora

Aurora Analytics, LLC is focused on the development and manufacture of innovative consumer and research diagnostic products based on a proprietary amine modification/detection technology. Aurora Analytics, LLC aims to be the first company to provide a non-enzymatic, on-site test for the presence of amines in food products as an effective indicator of food freshness. With the strategic product benefits of sensitivity, rapid results, ease of use and low-cost, Aurora Analytics, LLC will first target seafood processors and inspectors followed by the butcher, grocery chain, restaurants and home use markets. As part of its mission, Aurora Analytics, LLC also provides contract custom analytical and organic synthesis services.

[Blue Wave Semiconductors, Inc.](http://www.bluewavesemi.com)

www.bluewavesemi.com

Blue Wave Semiconductors, Inc is a high-tech start-up involved with materials and devices for the ultraviolet spectrum. The company has acquired a license with the University of Maryland on advanced semiconductor materials and devices for detection and monitoring of Ultraviolet light. Currently, the company provides various solutions to the semiconductor R&D community, the Federal Government and the Semiconductor Industry. For example, the company is becoming a significant presence in the production of high temperature wafer heating systems for thin film deposition technology used by the Semiconductor Industry and the R&D Community.

[Celsis In Vitro Technologies](http://www.celsis.com/invitrotechnologies)

www.celsis.com/invitrotechnologies

Today's pharmaceutical companies are challenged to manage the exorbitant costs associated with new drug discovery and development. The average cost of bringing a new drug to market is estimated at more than \$800 million spent over an average period of 12-15 years. Consequently there is tremendous pressure during lead optimization for companies to identify problems and select the right compounds for further development. The use of in vitro models and methods to evaluate compounds for Absorption, Distribution, Metabolism, Excretion, and Toxicity (ADME-Tox) properties significantly decreases the investment required in drug discovery and preclinical development. Celsis In Vitro Technologies (Celsis IVT) is the premier world provider of specialized products and services within the in vitro technologies industry. Since 1990, pharmaceutical and biotechnology companies have relied on Celsis IVT to accelerate their product development efforts through the use of their quality in vitro products and services for ADME-Tox applications.

The company manufactures high-quality products with large lot sizes to ensure consistent results. Their customers' research needs are met by both continually improving their current products and enhancing their current product offerings with new uses and applications. The company also uses these same products in the research services that they conduct for their CRO clients. Celsis' strongest asset is their scientific and technical team, who serve as an extension of their customers' R&D departments by offering real-world experience, technical expertise and extensive knowledge of the regulatory requirements for drug development. By enabling their customers to make the best decisions on their drug candidates, Celsis IVT delivers value by bringing new products to market faster and more cost effectively.

COLUMBIA Technologies, LLC

www.columbiatechnologies.com

COLUMBIA Technologies, LLC is an innovative environmental testing and information systems firm. Their patented SmartData Solutions ® provides fast, accurate and cost-saving 3-dimensional maps of underground pollution to dramatically lower the cost and risk of real estate redevelopment and contaminated site cleanup. COLUMBIA Technologies works with the UMBC community to further develop new technologies particularly in the area of chemical sensors data management systems and Internet based applications.

Creative Systems & Design, LLC

www.csd-llc.com

Creative Systems and Design, LLC is a research and development company located in Baltimore, Maryland. They are a special facility dedicated to the design and development of prototype electro-mechanical systems through consultancy, contract R & D projects and product development. The company's goal is to provide engineering solutions with quality, value and service to our customers.

Cybergroup, Inc.

www.cybergroup.com

Cybergroup, Inc. is a professional services firm with expertise in Internet and Intranet business strategy, Internet marketing and Internet/Intranet technology solutions. Cybergroup provides a comprehensive range of Internet, Intranet and website products and services with a primary focus on web to database integration utilizing Macromedia's ColdFusion. Advanced web software development efforts and partnering arrangements with strategic vendors have enabled Cybergroup to develop and/or resell several software products that are based on ColdFusion. Cybergroup develops, sells, customizes and implements e-commerce store software, handheld (PDA) e-commerce solutions and website content publishing solutions.

Epitaxial Technologies

www.epitaxialtechnologies.com

Epitaxial Technologies develops and produces breakthrough sensor products, including detector modules and arrays, as well as ultra-sensitive and single-photon counting photoreceivers. These patented products have widespread application in free-space lasercomm, imaging ladar and infrared imaging for missile defense, homeland security, telecommunications, spectroscopy and bio-imaging. The Company's patented on-chip optically amplified photoreceiver technology enables at least ten times the bandwidth of wireless datacom and is the most sensitive photoreceiver pound-for-pound.

NASA's Ocean Biology and Biogeochemistry Calibration and Validation Office

www.nasa.gov

The Calibration and Validation Office (CVO) at NASA Goddard Space Flight Center (GSFC) has established a comprehensive and long-term program for calibrating and validating satellite data. Various projects have been formulated and executed to meet the projected core components and peripheral aspects of the plan. The CVO Laboratory for the Analysis of Bio-Optical Sampling (C-LABS) is being designed to incorporate both optical and biogeochemical measurement collection and analyses, in order to provide sufficient validation of remotely-sensed data via coincidental in-water or above-water radiometry and in situ biogeochemical samples.

Next Breath, LLC

www.nextbreath.net

Next Breath, LLC is a contract pharmaceutical research and development organization dedicated to pre-clinical identification and evaluation of commercially viable respiratory and nasal drug delivery platforms. NB's business will discover and exploit optimal drug and delivery device combinations that will increase partners' probability of success when their products advance into human clinical trials and the marketplace. Next Breath seeks to meet the pharmaceutical industry's outsourcing needs and to provide intellectual expertise to biotechnology companies that are developing inhalation products.

AFFILIATE COMPANIES

[Advancing Synergy, LLC](#)

www.advancingsynergy.com

Resource constrained areas from inner cities to remote villages often fail to realize the benefits of advancements in health informatics.

Current solutions are often too expensive to develop and sustain and in the worst case scenarios are not being used because client needs and processes were not considered and met.

Advancing Synergy aims to understand client needs and leverage off-the-shelf and open source tools with minimal customization to provide sophisticated, cost-effective data collection, reporting, and monitoring systems that impact and empower under resourced communities to achieving better health with less resources

[Earn & Learn Enterprises, LLC](#)

www.earnandlearnterprises.com

Earn & Learn is committed to solving the issues of financial illiteracy. Their products are for children who want to grow strong financially and for parents who want to see their children grow strong financially. They believe that life skills can be taught from the early age and do not believe that hard work is the only way to teach them. They design and offer games for parents and educators whose goal is to raise money-smart kids.

[Innovative Bios, LLC](#)

Innovative Bios is a research-based biotechnology company that is developing a process to create a low cost, renewable cell culture broth for the emerging renewable fuels and bioproducts industry.

[Mayur Technologies \(MTECH\)](#)

MTECH is a small dynamic company providing Information Technology and Engineering Products and Services to clients in federal government and Commercial sector. MTECH's core strength is the collective education, experience and skills of the Principals of the company. They have successfully provided, and continue to provide, innovative and state-of-the-art solutions to solve complex problems in science, engineering and business sectors. In addition the company maintains a pool of highly qualified and skilled people to provide these services. MTECH works closely with its customers in adopting new and emerging technologies to improve their existing business process and align their IT and engineering investments with their business strategies.

RESEARCH, TRAINING AND EDUCATIONAL COMPONENTS

[UMBC Training Centers](#)

www.umbctrainingcenters.com

UMBC Training Centers offers high quality, affordable training and certification to individuals and organizations in the Baltimore region. Through its strategic alliance with UMBC, Training Centers draws on university faculty and industry practitioners to provide state-of-the-art coursework that leads to career advancement and improved organizational performance. Training Centers offers noncredit courses in the areas of information technology, biotechnology, engineering, professional development, business and allied health. Training Centers also provides flexible, custom training for business, government and the nonprofit sectors through its Contract Training initiatives.

UNIVERSITY TENANTS

[The University System of Maryland IT Projects Coordination Office](#)

The USM IT Project Coordination Office is a cooperative effort of all University System of Maryland campuses to collaborate on the investigation, acquisition and implementation of appropriate solutions to the challenges of the next

generation of Administrative and e-Learning Software. The USM IT Project addresses issues of new technologies and proposes specifications that define capabilities needed to support students, faculty and staff during the next ten-year cycle. It identifies commonalities among campuses, determines areas of cost effective collaboration, seeks partnership opportunities with vendors and provides a structure for decision making on approaches to software implementation. In addition to movement on new underlying technologies, the Project Office will propose new front end approaches using currently existing administrative systems to allow campuses to develop and implement additional services while transitioning to new information systems.

ACTiVATE COMPANIES

Earthlite Management Strategies, LLC

Environmental Compliance plan and program development as required by federal, state, and local government; training, education and awareness packages for environmental program execution, energy conservation and sustainability practices, and beyond regulatory compliance business goals.

Encore Path

www.encorepath.com

Encore Path sells proprietary neural regenerative stroke rehabilitation devices. The Company's first product will be a patented arm training device known as BATRAC which has been shown to unmask neural pathways in the brain, leading to restoration of arm movement in patients who have moderate arm paralysis. This device will be available in early 2008. Encore Path will introduce several stroke therapy devices to the market to address the rehabilitation needs of more than 780,000 people who experience a stroke every year and the over 5 million people currently living with stroke.

Traxion Therapeutics, Inc.

www.traxiontx.com

Traxion Therapeutics Inc. is a biotech company focused on the development of novel drugs for the treatment of intractable pain, specifically neuropathic pain. Neuropathic pain afflicts more than 10 million people in the US alone and the incidence is set to increase significantly. Sales of prescription drugs for neuropathic pain are over \$5 billion and at 7% annual growth, it is one of the most rapidly-growing segments of the pain market. Traxion has assembled a diversified portfolio of novel, proprietary small molecule products to address this market opportunity. These products use more selective, mechanism-based approaches which exploit recent scientific discoveries in order to develop more effective, better tolerated treatments for neuropathic pain. Traxion's experienced team plans to take these products through to Phase II proof of concept studies and then enter worldwide corporate partnerships for later-stage development and commercialization.