

Maine Life Sciences Guide

OVERVIEW & DIRECTORY



MAINE
INTERNATIONAL
TRADE CENTER

Global Resources. Local Expertise.

Maine Facts at a Glance

DEMOGRAPHICS

Population (2012)	1.3 million
State Capital	Augusta
Largest City	Portland
Land Area	33,215 sq miles/86027 sq km
Length of Coastline	3,500 miles/ 5633 km
Lakes and Ponds	6000
Forest	17 million acres/6.9 million hec (90% forest)
Location	Northeast USA, bordering Canadian provinces of New Brunswick and Quebec
Same day driving access to:	Boston, New York, Montreal

ECONOMY

GDP (2012)	\$57.3 billion
Per Capita Income (2012)	\$39,481
Annual Real GDP Growth (2012)	0.5%
State Budget, Proposed (2014-2015)	\$6.3 billion
Exports Maine (2012)	\$3 billion
Imports via Maine (2012)	\$3.8 billion



TRANSPORTATION

Interstate Highways	2
Commercial Deep Water Ports	3
International Airports – Scheduled Service	2
Airports with Customs Service	10
Rail	1,400 miles/2253 km
International Rail Facility	1
Foreign Trade Zones	4

KEY SECTORS

Renewable Energy	Life Sciences
Advanced Materials	Information Technology
Food, Beverage & Agricultural Products	Pulp, Paper & Wood Products
Marine Construction & Technology	Environmental Technology
Hospitality & Tourism	Aerospace



Overview

Maine's Life Sciences Sector Defined

There are more than 220 biotech and medical products companies and organizations working in the Life Sciences sector in Maine covering aspects of the industry from discovery research through commercialization and manufacturing.

Whether you are interested in starting a new business, growing your existing business in a new location or looking for a quality vendor to assist you with your current development project, Maine has the Life Sciences resources you need.

Global-Reaching Commercial Successes in Maine

IDEXX Laboratories is a global market leader in diagnostics and information technology solutions for animal health and water and milk quality.

Headquartered in Maine, IDEXX employs over 4,700 people in more than 60 locations around the world. The company's largest business helps more than 50,000 veterinary practices worldwide advance medical care, improve staff productivity and increase practice profitability. IDEXX accomplishes this via an integrated portfolio of pet-



side diagnostic tests, point-of-care instruments, reference laboratory services, digital radiography, and practice management solutions. In addition, IDEXX is the world leader in microbiology testing technologies that ensure safe water and is the top provider of diagnostic tests and health-monitoring systems for milk safety and production animal health.

Mölnlycke Health Care is a world leading Swedish manufacturer of single-use surgical and wound care products and services to the professional health care sector. The global company opened its second location in Maine in 2013, a USD 47 million manufacturing and converting facility. The facility will produce the company's Mepilex and Mepilex Border advanced wound care products for the

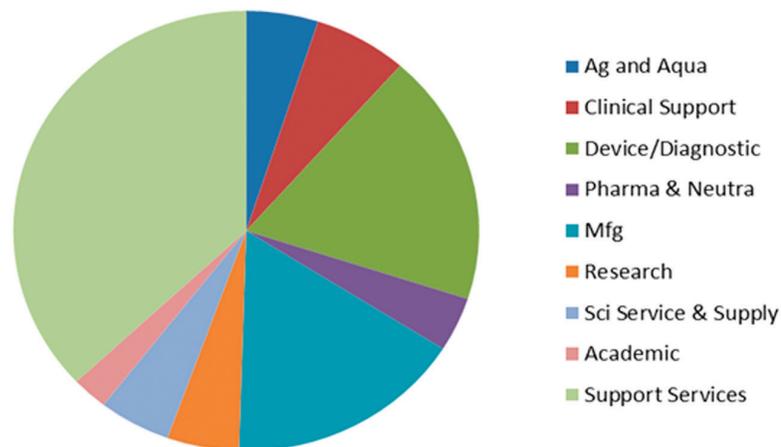
American market, using foam produced at its Wiscasset plant only 20 miles away. Company leadership has expressed that as they build their presence in the region they will create a best-in-class R&D and innovation hub in Maine, where they can bring together their global expertise with the skills available locally.

Maine Manufacturing/GVS works in partnership with customers to ensure cost-effective and efficient product design, development and process solutions; services made stronger through the company’s recent merger with Italian company, GVS S.p.A. Maine Manufacturing/GVS has developed FAST®, the most widely used protein array product line; products recognized as critical tools for proteomics, biomarker research and drug discovery.

Fields of Excellence

Maine companies create commercially successful pharmaceutical and diagnostics products for the vascular, diabetes, vision, and veterinary sectors. Additionally there is a developed and distinct knowledge base in genetics/genomics and success in the diagnostics markets because of long-term development in the antibodies and related biochemistry/biology fields. These areas represent emerging clusters, while the diagnostics industry is well-established with roots in Maine going back to the 1970’s. Maine’s biotechnology sector and supply chain are currently poised for great growth.

Industry Diversity



Location and Access to Markets

Maine is an advantageous location for joint ventures, R&D collaborations, expansion and sales for companies within the life science industry. In addition to what the state can offer, it is approximately two hours away from world famous universities and medical centers of the Greater Boston Area in Massachusetts. Eight large universities such as Harvard, Massachusetts Institute of Technology (MIT), Northeastern University, and Tufts University offer programs in medicine, biotechnology, chemistry, and other life science sectors. Maine's evolved infrastructure and proximity to Boston, combined with its dedicated workforce and first-class R&D centers, make the state an excellent location for life sciences.

The easternmost state in the U.S., Maine shares a border with Canada and offers easy access to Quebec, Boston, New York, Hartford and Philadelphia. The hubs for 5 major U.S. airlines are within 1 hour flight time from Maine airports.



Talented and Qualified Workforce

Maine has a dedicated, skilled workforce supporting the life sciences industry with over 130,000 workers specializing in research, testing, and medical laboratories subsectors. The state shows faster-than-average growth in the drugs & pharmaceuticals and medical devices & equipment subsectors.¹ Since 2007, the overall job growth within two of Maine's largest bioscience subsectors – drugs & pharmaceuticals and medical devices & equipment – has outpaced the nation, as stated in the Battelle/BIO State Bioscience Industry Development 2012 report.²

1. Battelle 2008 Maine Biosciences Report: <http://www.techmaine.com/cluster-biotechnology>

2. Battelle is the world's largest nonprofit independent research and development organization, providing innovative solutions to the world's most pressing needs through its four global businesses: Laboratory Management, National Security, Energy Technology, and Health and Life Sciences.

Maine Supports Innovation

Maine Technology Institute

Maine Technology Institute provides early-stage capital and commercialization assistance to technology-based projects in key industry clusters, including the biosciences.

In 2007, the Maine Legislature authorized and the voters approved \$50 million in bond funding to create the Maine Technology Asset Fund. The Fund is a competitive award program for investment in research and development and commercialization that is open to all research entities and companies in Maine. The program is administered by the Maine Technology Institute and since 2008 the MTI Board has awarded approximately \$53 million to fund 35 projects in three competitive rounds.

Technology Tax Credits

Maine has several tax credit programs specifically designed to encourage the growth of technology companies in the state. They are:

Research Expense Tax Credit – Credit is based on a percentage of the federal Credit for Increasing Research Activities.

R&D Super Credit – Credit is based on qualified research payments exceeding 150% of the average for the three-year period prior to the effective date of the credit.

High-Technology Investment Tax Credit – Credit is based on the adjusted basis of eligible equipment.

In addition to these technology-focused programs, Maine has a variety of attractive incentives to help grow your business in the state.



Life Science and Education

In addition to Maine's 19 colleges and universities with degree programs that cater to Life Science related industries, Maine's Life Sciences community has created a unique education resource to serve its workforce development needs. Six Maine biomedical research institutions have joined together to create the Graduate School of Biomedical Science. The School is a collaboration of the University of Maine, The Jackson Laboratory, Maine Medical Center Research Institute, Mount Desert Island Biological Laboratory, the University of Southern Maine, and the University of New England College of Osteopathic Medicine. The School offers a doctoral degree in biomedical sciences with concentrations in molecular and cellular biology, neuroscience, biomedical engineering, and toxicology, as well as an interdisciplinary doctoral degree in functional genomics.

Maine Life Science and Education Key Resources

- University of Maine System - 7 universities statewide offering life science undergraduate, graduate, and doctoral degrees.
- Maine Community College System - 7 colleges statewide with degree programs including programs in biotechnology; surgical technology; pre-engineering; veterinary technology; and health information management.
- Graduate School of Biomedical Science - collaboration of six private and public research institutions offering doctoral degrees in biomedical sciences.
- Private Universities and Colleges including Bates, Bowdoin, Colby Colleges, Husson University, and University of New England with dentistry, pharmacy, and medical schools.
- 2 hour drive to Boston's Life Science Universities including Harvard and M.I.T.

Investment in Upgrades to Laboratories and Facilities

In 2013, voters passed two bond initiatives designed to upgrade laboratories and facilities of Maine's colleges and universities. The first bond initiative for \$15,500,000 was passed to enhance educational and employment opportunities for Maine citizens and students by updating and improving existing laboratory and classroom facilities of the University of Maine System statewide. The other bond initiative was also worth \$15,500,000 to upgrade buildings, classrooms and laboratories on the 7 campuses of the Maine Community College System in order to increase capacity to serve more students through expanded programs in health care, precision machining, information technology, criminal justice and other key programs.

Commercially-Successful Academic Collaborations

“As a small, but growing life sciences company we were able to leverage the wonderful resources at the University of New England (UNE) in Maine to help with our product development efforts. It’s been a great relationship that continues to move our company forward.”

– Jay Palmer, Clear H2O



“Funding from the Maine Biomedical Research Program (MBRP) played a critical role in our ability to expand into a vibrant, year-round research institution. The funds played an integral role in supporting MDIBL’s research expansion, resulting in recruitment of 10 full-time research groups, the purchase scientific equipment and construction of a new 15,000 square-foot ‘green’ LEED-certified biomedical research lab in Maine.”

- Dr. Patricia Hand, Mount Desert Island Biological Laboratory

World-Class Research Facilities

The Jackson Laboratory – leading genetics research laboratory

IDEXX Laboratories – global market leader in diagnostics and information technology solutions for animal health and water and milk quality

Foundation for Blood Research – nonprofit medical research, service, and education institute working to find more effective ways to identify, manage, and prevent human disease through clinical and laboratory investigation, epidemiology, outreach science education, computer-based analysis, public health program design, and clinical testing

Maine Medical Center Research Institute – world-class scientists working on the most advanced biomedical problems. MMCRI has been successful in bringing the benefits of discovery to its patients and to the world.

Bigelow Laboratory for Ocean Sciences – largest collection of marine microalgae in the world

Mount Desert Island Biological Laboratory – independent non-profit research institution where scientists are advancing a new paradigm for 21st century biomedical and environmental research

Gulf of Maine Research Institute – catalyzes solutions to the complex challenges of ocean stewardship and economic growth in the Gulf of Maine bioregion



Convenient and Competitive Locations for Innovation and Collaboration

Brunswick Landing: Maine's Center for Innovation

Brunswick Landing: Maine's Center for Innovation is a progressive and innovative location for your life sciences company. Join Mölnlycke Healthcare, Southern Maine Technical College and the Maine Technology Institute and others on the campus of the former Naval Air Station Brunswick (NASB). In 2014, the Midcoast Regional Redevelopment Authority (MRRA) is establishing "Tech Place" a Science and Technology Business Incubator at Brunswick Landing to prompt new small business development and job creation to replace the 4,800 jobs lost as result of the base closure. The incubator will support the business clusters of aerospace/aviation, composites/advanced materials, biotech/biomed, renewable energy and information services technologies.



Brunswick landing boasts outstanding infrastructure, on-site life sciences network, education and training partners, available state-of-the-art facilities — in a region with a highly-skilled and dedicated workforce and a healthy supply of affordable housing.

Brunswick Landing is integrated into the communities of Bath, Brunswick and Topsham which are located in the beautiful Midcoast region of Maine — just 30 minutes from Portland and just two hours from Boston. 70 percent of the state’s population is within commuting distance of this region with easy access to I-295, I-95 and U.S. Route 1.

Portland Technology Park

The Portland Technology Park is open for business with three sites ready for development. This environmentally friendly business campus invites innovative high tech companies - life sciences and others - looking for a home in Portland, Maine. The Park is set amidst natural woodlands, adjacent to several hundred acres of forested lands and trails. Its transportation connectivity is remarkable, located minutes from the Interstate and the Portland International Jetport.

The Portland area is Maine’s Life Sciences Hub, home to the largest concentration of life science companies and institutions in the state; IDEXX Laboratories, Enviroligix, Maine Standards, Bio-Rad Laboratories, ImmuCell, Maine Medical Center Research Institute, Foundation for Blood Research, the Gulf of Maine Research Institute and the University of New England College of Pharmacy and College of Dental Medicine call the Portland area home.



Venture Capital Investment

There are a growing number of Maine and New England-based public and private venture capital funding sources for Maine technology companies. The New England Venture Capital Association is a good resource for Maine entrepreneurs.

To begin your search for investors, visit www.newenglandvc.org.

Maine's Business Development Network is at Your Service

Maine's business development experts can support you through all stages of your project. We can help you secure the necessary financing, locate an appropriate site, and find the partners, suppliers and customers you need

Need to talk with a government official? Maine has accessible government resources and a supportive business culture to help you reach your goals.

Maine wants your business, let us know how we can help!

Invest in Maine
Maine International Trade Center
511 Congress St., Suite 100
Portland, ME 04101-3428

Tel: 207.541.7400
FAX: 207.541.7420
E-mail: investinmaine@mitc.com

www.investinmaine.net

invest
in maine
U.S.A.

Maine Life Sciences Directory

Acadia Clinical Research

792 Stillwater Avenue
Bangor, ME 04401
(207) 941-9965
www.acadiaclinical.com



Products & Services: Pharmaceutical research and clinical trials

Profile: Established in 2004, Acadia Clinical conducts a range of research studies, including treatment, prevention, screening and quality-of-life trials. Researchers work closely with local physicians to guarantee patient safety and privacy, and to provide compassionate, detail-oriented, knowledgeable expertise. Research studies consist of Phase II, III and IV clinical studies. The team uses central IRB for outpatient studies and timely IRB submission/approval for inpatient studies, complies in full with all HIPAA regulations and offers strict GCP adherence. Acadia Clinical has access to centrifuge, ECG equipment, dry ice, -20C freezer units, and secure drug storage and secure records retention areas.

Acme-Monaco Corp.

205 Cross Street
Presque Isle, ME 04769-2066
(860) 224-1349
www.acmemonaco.com



Products & Services: Medical guidewires, orthodontic archwires and contract manufacturing services for OEM instrument manufacturers.

Profile: Acme-Monaco is headquartered in New Britain, Connecticut and has two additional manufacturing facilities in Presque Isle, Maine. All facilities offer computerized controlled production, Class A tooling, late-model equipment and clean plant-wide operations to guarantee consistently certifiable quality. Acme-Monaco provides engineering and product development assistance, as well as prototype manufacturing. Professional confidentiality and cost effective manufacturing processes are a cornerstone of our business. Established in 1947 as custom springs manufacturer, Acme-Monaco now offers custom guidewires, archwires, medical grade springs, stampings, fourslide parts and wire forms. Currently, products are sold directly to OEM's and not to end-users.

Activas Diagnostics

Orono, ME 04473
(207) 852-4806
www.activas-diagnostics.com



Products & Services: Research and manufacture of wireless sensor system and software for brain injury detection

Profile: Activas Diagnostics was established in 2009 to manufacture and market the SleepMove Device. A primary customer for this brain injury detection technology is the United States Army, which awarded Activas Diagnostics a SBIR-Phase I contract to develop algorithms and systems for mild traumatic brain injury detection.

Affiliated Healthcare Systems

931 Union Street, PO Box 940
Bangor, ME 04401
(207) 973-6700
www.affiliatedahs.com



Products & Services: Hospital medical supply inventory and logistics, reference laboratory services, genetics testing, retail & LTC pharmacy services, medical transcription, debt collection and EMS dispatch and billing, medical equipment repair, paramedic and interfaculty ambulance services and supporting commercial services.

Profile: Affiliated Healthcare Systems is one of the largest integrated healthcare support networks in New England, providing healthcare related and commercial services to the Eastern Maine Health Care System (EMHS) in New England. As a medical services support provider, Allied's mission is to enhance the clinical care delivery systems within EMHS, to pursue profitable and sustainable growth opportunities in the healthcare markets, and to create and deliver products and services that provide a tangible direct benefit to EMHS.

Alba-Technic LLC

529 River Road
Arundel, ME 04046
(207) 467-0934

Products & Services: Nanotechnology, shock absorbing composite material

Profile: Alba-Technic LLC has developed an advanced shock absorbing composite material using nanotechnology called SMARTY® that drastically reduces head trauma. It will be worn by active seniors who are at risk of falling. SMARTY® will help keep the elderly mobile and out of acute care. Worn as a head-band it is soft and comfortable, incorporated into fashionable hats and scarves. Patients are more likely to wear the device as proven in clinical trials at UCLA.

AlerCHEK, Inc.

15 Oak Street, Suite 302
Springvale, ME 04083
www.alerchek.com



Products & Services: Development, manufacture and distribution of immunoassay-based diagnostic test kits and components

Profile: ALerCHEK, Inc. was founded in 1986 in Portland, Maine. It is a small biotech company with a focus on highly sensitive and reliable tests for the detection of various allergies and allergy responses. ALerCHEK utilizes allergens and antibodies to offer several ELISA-based kits applicable for various areas of research. ALerCHEK manufactures its own high quality products including many buffers, diluents, and ELISA based components which are distributed to many facilities worldwide.

Alere Scarborough

10 Southgate Road
Scarborough, ME 04074-8303
(207) 730-5750
www.alere.com



Products & Services: Design and manufacture of rapid diagnostic products, connected device technologies and data management platforms

Profile: Alere's mission is to empower individuals to take charge of their health under the supervision of their healthcare providers. Alere brings this vision to life by developing smart products that address broad, unmet needs and extend diagnosis from the lab, doctor's office, and hospital to people's homes. It also builds educational health management solutions around these products, which make it easier than ever to personalize care. Programs connect patients to information that yields diagnostic results and smart platforms give healthcare providers seamless and instant access to these results, supplying them with the information they need to make the best decisions.

Aristea Translational Medicine Corporation

P.O. Box 442
South Freeport, ME 04078
(207) 865-4924
www.aristeatranslationalmedicine.com



Products & Services: Pharmaceutical research laboratory

Profile: Aristea's Investment in AR-YU-69 Development represents an opportunity to provide a therapeutic advance in Alzheimer's Disease. Aristea's mission is to successfully commercialize AU-YL-69, a drug which slows the progressions of Alzheimer's and other ABeta42 associated diseases.

Armaid

658 Pleasant St.
Blue Hill, ME 04614
(800) 488-5505
www.armaid.com



Products & Services: Armaid is a tool that fixes arm pain, tendonitis, RSI, tennis elbow, golfer's elbow, de quervains, forearm pump and lymphedema.

Profile: Armaid looks to give you the personal power of leverage and professional massage techniques for fixing your own tight forearms, painful elbows and sore hands. Proven to rapidly relieve and prevent problems without fatigue. All products are made in the USA.

Aroostook Testing & Consulting Laboratories, Inc.

675 Central Drive
Presque Isle, ME 04769
(207) 762-5771
www.aroostooktesting.com



Products & Services: Research and testing laboratory providing air, soil and water testing.

Profile: Aroostook Testing and Consulting Laboratory is a Microbiological, Environmental, agricultural and Natural Resource laboratory that was founded in 1978. We provide our clients with professional analytical and scientific services in air, soil and water testing. Along with these services, we also provide product development and product verification services for agricultural and natural resource products. ATCL provides microbial analysis of water and food, agricultural analysis of soils, water, feed and fertilizers and indoor air quality analysis and remediation.

Artel Inc.

25 Bradley Drive
Westbrook, ME 04092
(207) 854-0860
www.artel-usa.com



Products & Services: Manufacturers and calibrators of biomedical liquid handling equipment

Profile: Artel's products and services increase confidence in one of the most critical laboratory tasks – liquid handling. Our superior science-based calibration systems, combined with extensive liquid handling expertise and advanced quality assurance support services, ensure the integrity of data produced with pipettes and automated liquid handling devices. Serving the laboratory community since 1982, Artel is the

worldwide leader in liquid handling quality assurance. Thousands of life science and health laboratories depend on our products and services to improve productivity, ensure accuracy and precision, enhance product quality, and meet compliance protocols. Artel's proprietary Ratiometric Photometry™ technology, which conforms to ISO 8655-7, is the core of our accurate, precise, and easy-to-use systems for verification and calibration of automated liquid handlers and pipettes. Highly effective at small-volume measurement, these systems rapidly provide documented, traceable data to support the performance of laboratory liquid handling instrumentation. Artel also provides liquid handling quality assurance support and consultative services. These include pipetting technique training and on-site verification of automated liquid handlers.

The Baker Company

161 Gatehouse Road
Sanford, ME 04073
(207) 324-8773
www.bakerco.com



Products & Services: Producer of biosafety and laboratory equipment

Profile: For 60 years The Baker Company has been at the forefront of engineering, testing, and production of reliable laboratory contamination control equipment. Recognized as the industry pioneer, The Baker Company maintains an unparalleled passion for helping our customers advance science, discovery, and clinical care. The people of baker have built that reputation by taking no chances with customers' safety and making no compromises when it comes to protecting the success of your research. Baker contamination control equipment and products for the laboratory are built to order with precision craftsmanship and designed expressly for your unique situation. Baker Company is committed to sustainable business practices and the development of a new generation of energy efficient products ensures that you- and your budget- will be pleased. As the world leader in the design and manufacture of biological safety cabinets, clean benches, and fume hoods, Baker thrives on helping scientists and researchers achieve their mission in almost every kind of endeavor and a wide range of industries, including biotech, pharmacy, governmental, clinical, and medical education research.

Bar Harbor Biotechnology

18 River Field Rd.
Trenton, ME 04605
(207) 667-7900
www.bhbio.com



Products & Services: Bar Harbor Biotechnology, Inc. has developed a suite of products that will enable your laboratory to perform a complete gene expression experiment. Our products completely interrelate, allowing you to perform a bioinformatics search to select your genes or pathway of interest, measure the gene expression or copy a number of your samples using Real-Time PCR assays, and

determine the statistical significance of your data using our bioanalysis software Quantitative PCR Services are now available at Bar Harbor BioTechnology. Our new qPCR services include contract research on human and mouse gene targets based on our lab validated assays. Select from our StellARrays™ or XenoQ™ Assays. Data generated from the experiment will be analyzed with our Global Pattern Recognition™ algorithm and returned within 14 business days. Revealing real results has never been easier.

Profile: Bar Harbor BioTechnology, Inc. (“BHB”) is developing innovative molecular biology products and services that advance life science research and clinical medicine. BHB began operations in September 2006 as the first commercial spin-off of The Jackson Laboratory, a leading independent research institution specializing in mammalian genetics. BHB is located in Trenton, Maine, the gateway to Bar Harbor and Mount Desert Island. Biomedical research, whether in academic or commercial settings, seeks to answer how biological systems operate normally and how diseases develop when these systems go awry. Answering those questions increasingly requires life scientists and clinicians to measure the activity of key sets of genes that are important to the biological system or disease of interest. This process, known as “molecular profiling”, is integral to advancing life science research and clinical diagnosis in the 21st century. BHB’s team are experienced life scientists who formulated the technology for their own unmet research needs. BHB’s philosophy is to provide a complete package to perform gene profiling and to extract maximum information value. Customers enter the BHB e-commerce web-site portal, where they interactively select from multiple product options relevant to their own area of research.

Beacon Analytical Systems

82 Industrial Park Rd.
Saco, ME 04605
(207) 571-4302
www.beaconkits.com



Products & Services: Development and manufacture of immunodiagnostic kits for environmental and food/feed testing markets.

Profile: Beacon Analytical Systems, Inc. occupies 8,000 sq. ft. of combined laboratory and office space in the coastal town of Saco, Maine. The facility houses both research and development and manufacturing operations. All manufacturing operations are conducted in compliance with GMP (Good Manufacturing Practices) regulations. Beacon focuses on the development and manufacture of immunodiagnostic kits for environmental and food/feed testing markets. Beacon has developed a number of test kits in each of these areas as well as provided contract method development and manufacturing for companies requiring custom methods specific to their testing needs.

Bigelow Laboratory for Ocean Sciences

60 Bigelow Drive, P.O. Box 380
East Boothbay Harbor, ME 04544
(207) 315-2567
www.bigelow.org



Products & Services: Oceanography research laboratory

Profile: Named for Henry Bryant Bigelow, a visionary scientist and pioneer of modern oceanography, Bigelow Laboratory was founded in 1974 as a private, non-profit research institution. Henry Bigelow's approach to oceanography stressed the interdependence of the biological, chemical and physical sciences. This perspective has served as a cornerstone of our programs throughout our history. Federal research grants support most of Bigelow Laboratory's basic operations and administrative needs; however, we rely on other sources of support, such as gifts from individuals and private foundations for our public education and outreach programs. Bigelow Laboratory's strength lies in the expertise and dedication of our senior research scientists, science staff, and administrative staff, and the support of our Board of Directors, Honorary Trustees, Trustees' Advisory Board, donors, and friends.

Bio-Rad

1045 Riverside St.
Portland, ME 04103-1065
(800) 4-BIORAD
www.bio-rad.com



Products & Services: Bio-Rad's Life Science Group develops, manufactures, and markets a wide range of laboratory instruments, apparatus, and consumables used for research in functional genomics, proteomics, and food safety. The Clinical Diagnostics Group develops, manufactures, sells, and supports a large portfolio of products for laboratory diagnostics. The company is also well known for its blood virus testing and detection, blood typing, and autoimmune and genetic disorders testing.

Profile: Bio-Rad Laboratories (NYSE: BIO and BIOb) continues to play a leading role in the advancement of scientific discovery by offering a broad range of innovative tools and services to the life science research and clinical diagnostics markets. Founded in 1952, Bio-Rad has a global team of more than 7,300 employees and serves more than 100,000 research and industry customers worldwide through the company's global network of operations. Throughout its existence, Bio-Rad has built strong customer relationships that advance scientific research and development efforts and support the introduction of new technology used in the growing fields of genomics, proteomics, drug discovery, food safety, medical diagnostics, and more. The group ranks among the top five life science companies worldwide, and maintains a solid reputation for quality, innovation, and a longstanding focus on the success of its customers. Bio-Rad is a leading specialty diagnostics company and its products are recognized as the gold standard for diabetes monitoring and quality control (QC) systems.

BioAnalyte Inc.

264 Eastern Promenade
Portland, ME 04101
(207) 831-5561
www.bioanalyte.com



Products & Services: Software development company focused on mass spectrometry data analysis for biomarker discovery and quality control.

Profile: BioAnalyte, founded in 2001, is a software development company focused on mass spectrometry data analysis for biomarker discovery and quality control. Our software provides value by improving the quality of reproducibility of peak identification and improving the speed of inter-spectral data comparisons for bottom-up discovery applications. We have provided the first mass spectrometry data analysis software that works on multiple hardware data files. We also developed a unique web-based application, proNets that gives customers the option to purchase software as an enterprise application or on a per-spectrum basis. BioAnalyte's customers include multiple government agencies, corporations in the pharmaceutical, biotechnology, and homeland defense markets, and academic institutions. BioAnalyte is a member of the American Society of Mass Spectrometry and MESDA.

The Biotech Source

4 Commons Ave, Ste. C1
Windham, ME 04062
(207) 894-5690
www.thebiotechsource.com



Products & Services: Supplier and distributor of bulk antibodies and biological products to the human, animal and other immunological and diagnostic industries.

Profile: Since 1982, The Biotech Source (formerly Reagents International Inc.) has been supplying bulk antibodies and biological products to the human, animal and other immunological and diagnostic industries. Manufacturers rely on The Biotech Source to provide bulk antibodies, including sometimes “hard-to-find” material quickly, and cost effectively. All companies, whether large or small can use “The Biotech Source” as an outlet to sell certain products for a variety of reasons, allowing them to focus their marketing efforts on their primary product lines. The Biotech Source can also help you expand your own product lines or augment your production while reducing both the time and cost of development and production.

Biovation

55 Industrial Park Rd.
Boothbay, ME 04537
(207) 633-0616
www.biovation.com



Products & Services: Producer of non-woven fibers with actives for food packaging and infection control products for wound care.

Profile: Biovation is a manufacturing company that possesses a wealth of experience, expertise and technology in the field of non-woven fiber and infection control formulations. However, what we are most proud of is our ability to listen to our customers. It is this ability that allows us to create added value for our customers and reduce cost in the total value chain. All of the non-woven products and infection control formulations we manufacture are unique for each customer and application. Our business model is grounded in servicing individual customer needs. We take pride in working closely with our customers to develop value-added solutions and to create partnerships that can transform markets. Our market-focused organization is designed to work closely with a diverse set of market-leading global customers to identify and design new solutions. A fundamental goal of this working partnership and in-depth customer knowledge is to identify opportunities to transform markets. Our expertise allows us to take that knowledge and deliver customized solutions.

Bushover's Biologicals, Inc.

992 Cross Hill Rd.
Vassalboro, ME 04989
(207) 923-3374
www.bushoversbiologicals.com

BUSHOVER'S BIOLOGICALS INC.
bushoversbiologicals.com

Products & Services: A custom polyclonal antibody production facility that specializes in primary and secondary custom antibodies to meet customers' specific needs.

Profile: Bushover's Biologicals was founded in 1984 as a sole proprietorship and was incorporated in June of 1991. Its founder, Bob Bushover has over 40 years experience working with animals in research and 30 years experience in producing antibodies, antibody development, and antibody assaying. Bob is the President/CEO of Bushover's Biologicals and his wife, Holly Swain is the Vice president and handles all the accounting. Prior to establishing Bushover's Biologicals, the original focus of the company was to produce custom antibodies for specific customers and antibodies for general sales. With many long-term customers, the focus of the business has evolved almost exclusively to production of custom antibodies. Besides antibodies to hormones, cardiac markers, tumor markers, and proteins, Bushover's Biologicals has extensive experience making antibodies to bacterias, viruses, and toxins. Bushover's Biologicals is certified as a blood collection facility (not for direct export) for rabbits and goat blood products under USDA License #ME-TEC-0002. EU License 142/2011, EC License 1069/2009, USDA Research License 11-R-0012.

CAPE Technologies

120 Thadeus St.
South Portland, ME 04106
(207) 741-2995
www.cape-tech.com



Products & Services: Immunoassay kits for dioxin/furan analysis; sample preparation kits and related materials to support our immunoassay kits; analytical services

Profile: CAPE Technologies was founded in 1996 to develop and market immunoassay test kits and supporting technology for analysis of dioxins and related compounds. The principals of CAPE Technologies have more than 40 years combined experience in the design, development, validation, marketing, and technical support of immunoassays for environmental analysis, including five EPA 4000 series methods. In 2000, CAPE Technologies was selected by Region 1 of the US EPA as an Environmental Technology Innovator the Year.

Capricorn Products LLC

12 Rice St.
Portland, ME 04103-1412
(207) 321-0014
www.capricornproducts.com



Products & Services: Capricorn Products LLC is a primary manufacturer and supplier of bulk immunodiagnostic raw materials to in-vitro diagnostic, biotechnology and veterinary diagnostic test kit manufacturers based in Europe, Asia, and the Americas. Product lines include: goat polyclonal antisera for turbidimetric and nephelometric serum protein assays; standard and custom calibrators and controls; OEM reagents including matched, ready-to-use kit components manufactured to customer specifications; and an extensive range of monoclonal and polyclonal antibodies and antigens used in immunochemistry and infectious disease testing.

Profile: Jane Havey, President, established Capricorn Products LLC in 1994. The Company is ISO 9001:2008 certified, and observes FDA Good Manufacturing Practices. Our ten acre USDA-registered farm facility is located in a nearby rural agricultural community, and houses our substantial goat herd.

Cerahelix

20 Godfrey Dr.
Orono, ME 04473
(207) 299-3336
www.cerahelix.com



Products & Services: Cerahelix is using DNA to produce nanoporous ceramic membranes for process filtration.

Profile: Cerahelix is using DNA to produce nanoporous ceramic membranes for process filtration. The helix NFM™ is based on a patented process that uses DNA to make a nano-ceramic coating to provide faster filtration at high purity. The helix NFM can purify solutions at low pressure and in adverse conditions making it a robust technology for the process filtration industry. The DNA template provides nano-scale features allowing for highly efficient separations.

Chemogen

PO Box 17574
Portland, ME 04112
Contact: info@chemogen.com
www.chemogen.com



Products and Services: The Clearview® line of rapid tests from Alere includes tests that provide rapid, accurate results to enable fast, informed treatment decisions that can result in improved patient care.

Profile: Chemogen's proprietary and patented technology for the diagnosis of tuberculosis (TB) in immunocompromised people marks a new chapter in the fight against Tuberculosis. More than 2 billion people, or a third of the population worldwide, are infected with Mycobacterium tuberculosis, the bacteria that causes TB. About 9 million people develop active TB each year and close to 2 million will die.

Clariant

17 Foss Rd
Lewiston, ME 04240-1303
(207) 784-0733
www.clariant.com



Products and Services: Clariant brings dramatic color to plastic resins and all applications.

Profile: Clariant Masterbatches is a recognized global leader in color and additive concentrates and performance solutions for plastics. Color that delights the eye. Color that differentiates. Color that adds value. Color that identifies form and function. Clariant products include REMAFIN® masterbatches for polyolefin polymers, RENOL® masterbatches for high-performance engineering thermoplastics, OMNIColor® multipurpose color concentrates, and MEVOPUR® medical-grade masterbatches for the medical industry, delivering hundreds of standard colors as well as custom formulations and color/additive combibatches. From business machines and appliances to textiles, automotive components and packaging, designers, brand managers and plastics processors rely on cutting-edge color technology and in-depth technical support through more than 50 global manufacturing sites and regional offices.

Clear H2O

117 Preble St.
Portland, ME 04101
1 (888) 493-7645
www.clearh2o.com

Clear H₂O®

Products and Services: ClearH2O® offers barrier packed hydration, nutrition, enrichment and medication delivery products that enhance the wellness and survival of research animals.

Profile: ClearH2O® is a Maine-based life science company meeting the needs of researchers, breeders and hatchery managers with products that hydrate, nourish and enrich animals' lives. A strategic partnership with nutrition and food science allows us to provide cost-effective solutions to address unmet market demands, while saving time and labor. ClearH2O products are always consistent, eliminating nutrition and hydration variables.

Coastside Bio Resources

217 Sunset Rd.
Deer Isle, ME 04627
(207) 348-9906
www.coastsidebio.com



Products and Services: Sea cucumber-based nutraceuticals and all natural health products for people and their pets.

Profile: Coastside Bio Resources is focused on the health benefits of marine-derived supplements. Our NutriSea® line of joint supporting supplements was created to improve the quality of life for people and/or their companion animals by helping maintain healthy joint function and an active lifestyle.

Consultox Limited

P.O. Box 1239
Damariscotta, ME 04543
(207) 563-2300
www.consultox.com



Products and Services: Services include a wide variety of topics including litigation support, product safety, experimental design, CRO identification, and product registration activities, which are all intimately related to the discipline of toxicology.

Profile: Consultox Limited was established in 1984 by Dr. Richard A. Parent who has been the principal toxicologist since that time. Dr. Parent is board certified by the American Board of Toxicology, the Academy of Toxicological Science, the Regulatory

Affairs Certification Board, and is a recognized expert in toxicology in France and the European Community. Since 1984, Consultox, through the services of Dr. Parent, has provided legal and technical support to both the legal profession and to industry.

Corning, Inc.

2 Alfred Rd.
Kennebunk, ME 04043
(207) 985-3111
www.corning.com.



Products and Services: Our products include glass substrates for LCD televisions, computer monitors and laptops; ceramic substrates and filters for mobile emission control systems; optical fiber, cable, hardware & equipment for telecommunications networks; optical biosensors for drug discovery; and other advanced optics and specialty glass solutions for a number of industries including semiconductor, aerospace, defense, astronomy, and metrology.

Profile: As the world leader in specialty glass and ceramics, Corning invents, makes, and sells keystone components that enable high-technology systems for consumer electronics, mobile emissions control, telecommunications, and life sciences. With a track record of more than 160 years and a sustained investment in R&D, Corning's life-enhancing innovations deliver extraordinary benefits to everyday products. Corning is constantly driving the next wave of cutting-edge technologies, across our five business segments and around the globe.

Creative Apparel Associates, LLC

318 Augusta Rd
Belmont, ME 04952
(207) 342-5830
www.creativeaa.com



Products and Services: Manufacturer of specialty clothing for the US Military

Profile: Creative Apparel Associates is a Tribal owned venture between the Passamaquoddy Indian Tribe and J&P Apparel Associates. The principals of Creative Apparel have over 20 years of experience in manufacturing specialty clothing for the US Military. As a certified small disadvantaged business located in a HUB Zone, Creative Apparel is able to offer competitive prices while supporting the local community. Creative Apparel has some of the most sophisticated equipment on the market, to include 2 Gerber high capacity cutters, an Accumark marking system, 2 Eastman Blue Jay automatic spreaders, multiple single needle, double needle, Flatlocks, B, Safety Stitch, Auto Pkt Welt, Ultrasonic and Vacuum packing, eyelet and snap machines. All of this resides entirely in the State of Maine in over 130,000 square feet of work space.

Dahl-Chase Diagnostics

417 State St.
Suite 441
Bangor, ME 04401
(207) 941-8200
www.dahlchase.net



Products and Services: State-of-the-art pathology laboratory which provides tissue examination, histology, cytology, flow cytometry and molecular diagnostics services.

Profile: Dahl-Chase Pathology Associates and Dahl-Chase Diagnostic Services are separate but related companies working together to provide outstanding anatomic and clinical pathology services. The companies are based in Bangor, Maine, and serve physicians, hospitals, laboratories and clinics throughout Maine and across the United States. As integrated organizations serving a large geographic area in rural Maine, we serve as a model of how to provide high quality pathology services at a reasonable cost, with emphasis on best practices and the appropriate use of new technologies.

Dermalogix Partners, Inc.

P.O. Box 1510
Scarborough, ME 04070
(800) 753-0047
www.dermalogix.com



Products and Services: Topical treatments for chronic skin conditions

Profile: Dermalogix Partners, Inc. was founded in 1995 by a person who knows first-hand the physical and emotional pain of chronic skin conditions: a sufferer of severe plaque psoriasis himself. Frustrated with the far reaching impact of his condition on his life, he dedicated himself to developing a topical treatment that would both relieve his physical symptoms quickly and provide long term clearance so that he could enjoy all that life offers. He put together a small team of analytical chemists, physicians, researchers and investors. In less than a year they developed DermaZinc™, which has since become the most effective and one of the best selling topical treatments for chronic skin disorders.

East Coast Biologicals Inc.

P.O. Box 489
North Berwick, ME 03906-0489
(207) 676-7639
www.eastcoastbio.com



Products and Services: Our products are used in immunodiagnostic research and manufacturing, with a focus on the detection of drugs of abuse, therapeutic drugs, infectious disease, and hormone compounds.

Profile: EastCoast Bio is a manufacturer and supplier of high quality antigens, antibodies and specialized immunoassay reagents for the diagnostic manufacturing industry worldwide. We offer a wide selection of industry-proven, high-performance immunoassay products. Our well-stocked inventory and speedy customer service let us deliver the quantity of products you need as soon as possible — keeping your critical projects on track.

EchoHeart

P.O. Box 215
Damariscotta, ME 04543
(207) 563-2035
www.echoheart.com



EchoHeart, Inc.
Peace of Mind ~ in a Heartbeat

Products and Services: Fetal Heart Monitors

Profile: The EchoHeart Transvaginal Fetal Doppler is the only product of its kind on the market. It has been extremely useful in assisting physicians, midwives, nurses, and physician assistants in detecting early fetal tones especially for women whose physiology makes it difficult to get an early reading by traditional methods. With our exclusive easy-to-use EchoHeart Transvaginal Probe (TVP), fetal heart tones can be auscultated without using more expensive imaging ultrasound technology. Our EchoDop base unit uses interchangeable probes so the convenient and cost-effective EchoHeart Fetal Doppler is all you need for the earliest FHT detection through labor and delivery - including hydrotherapy.

Emerson Apparatus Co. Inc.

59 Sanford Dr., Unit 12
Gorham, ME 04038-2667
(207) 856-0055
www.emersonapparatus.com



Products and Services: Compression Testers, Crush Testers, Sample Cutters, Test Fixtures, Speed Dryers and other Laboratory Testing Equipment for industrial applications.

Profile: Since 1908 Emerson Apparatus has been a leading manufacturer of Precision laboratory equipment and accessories designed and manufactured to ASTM, TAPPI, and other specified standards for performance, quality, and reliability. We engineer, design, and manufacture testing equipment and software to applicable ASTM, TAPPI, and other specified standards at our integrated facilities in Gorham, Maine. Emerson Apparatus also represents select testing equipment from other manufacturers; specifically, those that complement our product line and meet our high standards for performance and reliability. Emerson supports all equipment it sells and is readily able to adapt and customize orders to meet the specific needs of customers.

Enercon Technologies

P.O. Box 665
Gray, ME 04039-0665
(207) 657-7000
www.enercontechologies.com



Products and Services: With all operations co-located, we provide seamless coordination between engineering and operations, helping customers streamline the product development cycle, reducing time-to-market and total development costs

Profile: At Enercon, we help turn your ideas into profitable new products by offering comprehensive Product Development, Contract Manufacturing and added-value services. From our state-of-the-art ISO-certified facilities in Maine, we can meet any or all of your contract manufacturing needs, from product design and engineering, through prototyping and volume manufacturing, to distribution, inventory management and service depot support.

EnviroLogix Inc.

500 Riverside Ind Pkwy
Portland, ME 04103-1486
(207) 797-0300
www.envirologix.com



Products and Services: Testing supplies for genetic traits, food and feed safety, and plant pathogens

Profile: At EnviroLogix, we manufacture on-site every test kit we develop, so we are able to monitor the quality control process from initial test development right through to manufacturing, packaging and delivery to our customers. Our 32,000 square-foot state-of-the-art manufacturing facility is equipped for optimal manufacturing conditions, with features such as separate air handling and humidity control systems, automated lateral-flow manufacturing equipment, and a management team with years of experience in strict adherence to Good Manufacturing Practices (GMPs) and implementation of ISO standards and procedures.

FHC Inc.

1201 Main St
Bowdoin, ME 04287-7302
(207) 666-8910
www.fh-co.com



Products and Services: Research products include a broad line of: single and multi contact metal microelectrodes for extracellular recording; a wide range of micro and macro stimulating electrodes; amplifiers, a new StimPulse programmable

stimulator, as well as special purpose instruments for supporting electrophysiological experiments; and micro positioning devices for acute and chronic recording/ stimulating preparations.

Profile: FHC is pleased to have served the neuroscience community for more than 40 years in its mission to advance cranial microTargeting worldwide. With a guiding principle of innovation through collaboration, FHC designs, manufactures and internationally markets leading and trusted products that provide customizable and pioneering solutions for neuroscientists and neurosurgeons as they work across the globe each day. FHC is headquartered in Bowdoin, Maine, 35 miles north of Portland, Maine and operates offices globally. Over 100 FHC employees are each empowered to serve you at your first contact

FMC BioPolymer

PO Box 308
Rockland, ME 04841-0308
(800) 526-3649
www.fmcbiopolymer.com

The logo for FMC BioPolymer, featuring the company name in a serif font on a light gray rectangular background.

Products and Services: FMC BioPolymer offers a network of product support and development resources to leading companies. Starting with the industry's broadest range of hydrocolloid and cellulosic products, FMC BioPolymer teams build innovative solutions that meet the specific needs of each customer. Here are some of the services we offer our partners: analytical services, feasibility studies, processing and manufacturing support, product and applications development, prototypes and formulations, regulatory assistance, and training.

Profile: Customers around the world rely on our regional professionals at FMC BioPolymer operations in the United States, Norway, Mexico, Brazil, the United Kingdom, France, Belgium, Germany, India and Singapore. Drawing on the expertise of a network of professionals involved in developing new technologies and applications, FMC BioPolymer offers partnerships to companies looking to increase efficiency and speed of their own research and development efforts.

Fluid Imaging Technologies

65 Forest Falls Dr.
Yarmouth, ME 04096
(207) 846-6100
www.fluidimaging.com



Products and Services: In 2004 the company began selling its technology into 'industrial' markets'. These markets include pharmaceuticals, food & beverage, chemicals, abrasives and plastics. The FlowCAM hardware has been continuously improved each year, producing industry-leading advancements such as cross-polarized illumination, laser and fluorescence-triggered acquisition and the use of an optional high precision syringe pump.

Profile: Since 1999 and the introduction of the first FlowCAM®, Fluid Imaging Technologies has been the innovator and leader when it comes to the use of digital imaging as a method for the automated analysis of microscopic particles in fluids. The system was first developed for the analysis of ocean water in oceanographic research, and then also used in fresh water applications.

Foundation for Blood Research

8 Science Park Road
P.O. Box 190
Scarborough, ME 04070-0190
(207) 883-4131
www.fbr.org



Products and Services: Diagnostic laboratories, client services, biomedical library, education programs, and research

Profile: FBR is a nonprofit medical research, service, and education institute composed of laboratory, public health, biostatistical, and education experts. Its purpose is to find more effective ways to identify, manage, and prevent human disease through clinical and laboratory investigation, epidemiology, outreach science education, computer-based analysis, public health program design, and clinical testing. Our scientific mission is to develop and improve laboratory tests as a way to help physicians identify, treat, manage and at times, prevent illness. Scientific activities within FBR involve immunology and genetics and focus in two areas of preventive medicine: the application of serum protein measurements to detect or predict medical disorders and the development of medical screening systems to identify conditions found in the general population. Our education mission is to expand scientific knowledge and awareness among health professionals, science students at all levels, and the community at large.

FVG Inc. (Fish Vet Group)

350 Commercial St.
Portland, ME 04101-5597
(207) 699-5901
www.fishvetgroup.com



Products and Services: Aquatic health services to the aquaculture, fisheries and aquaria sectors; training, environmental and advisory services across all areas of aquatic animal production, supported by a growing suite of fish health products.

Profile: Fish Vet Group has a passion for total aquaculture health. From its operations in the UK, Norway, Thailand and the USA, Fish Vet Group provides modern, evidence based aquatic health services to the aquaculture, fisheries and aquaria sectors. Alongside specialist-led veterinary consultancy, Fish Vet Group's global network of diagnosticians lead in the use of digital histopathology and other tools to provide experienced, actionable advice for aquaculture producers.

Genotyping Center of America

40 Johnson St.
Bangor, ME 04401
(207) 951-2442
www.gtcarodent.com



Products and Services: GenoTyping Center of America is a company offering low cost, high volume genotyping services to research and agricultural clients.

Profile: The founding partners of GTCA have 40 years of combined experience working in the field of molecular biology, genotyping and laboratory management. We understand ambiguity slows research. Predictability and dependability are keys. We have established uniform pricing, no fuss sample submission, guaranteed delivery time frame, definitive results, and comprehensive reporting to accelerate your studies.

Global Biotechnologies, Inc.

54 York St. Ste 1b
Portland, ME 04101
(207) 771-9977
www.globalbio.com

Global Biotechnologies, Inc.

Products and Services: Global Biotechnologies, Inc. is a world leader in the research, development and manufacturing of professional infection control and health products. Global's product portfolio includes antimicrobial skin care products along with hard surface disinfectants, immune system support products, a contaminant removal system for fruits, vegetables and meats, toxic gas removal products and health related pet products.

Profile: Global Biotechnologies, Inc., established in 1993, specializes in the research, development and manufacturing of high technology, leading edge infection control products, contaminant removal systems for fruits, vegetables and meats, immune system support products and health related pet products. Located in Portland, Maine, our facility houses our corporate offices, our research and development laboratories and some of our manufacturing. To keep up with the demand for our products, we utilize additional manufacturing facilities in New Hampshire and New York. All Global products are manufactured using strict GMP guidelines using FDA and EPA protocols.

Global Protein Products

76 Main St. Ste 3
Waterville, ME 04901
(207) 872-6522
www.globalprotein.com



Products and Services: We produce and sell ground-breaking zein-based products: Patented, edible, all natural, shelf-life extension coatings for fresh-cut vegetables that maintain the vegetables' pristine quality during cross country shipment and

distribution; protective, non-toxic coatings for agriculture and seed; coatings for the paper industry; and Zein for all purposes including bio-plastic resins.

Profile: Global Protein Products, Inc. is a zein protein coatings company. Zein protein is the storage protein in corn kernels. It has excellent film-forming and thermoplastic characteristics. GPP was founded in 1996 and currently operates from facilities in Waterville, Maine area.

Gulf of Maine Research Institute

350 Commercial St.
Portland, ME 04101
(207) 772-2321
www.gmri.org



Products and Services: We work in collaboration with fishermen to target critical information gaps that must be addressed in order to improve the region's fishery management system. GMRI collaborates with scientists, teachers, and other education professionals to develop and implement innovative learning environments. We are currently focused on developing science learning opportunities for middle school students complemented by professional development programs for their teachers.

Profile: The Gulf of Maine Research Institute (GMRI) catalyzes solutions to the complex challenges of ocean stewardship and economic growth in the Gulf of Maine bioregion. Our dynamic fusion of science, education, and community gives us range to effect change from multiple directions, while our objectivity and commitment to collaboration make us the go-to organization for marine communities grappling with contentious issues, management transitions, and new business systems.

Husson School of Pharmacy

1 College Circle
Bangor, ME 04401
(207) 941-7000
www.husson.edu/pharmacy



Products and Services: Higher Education

Profile: With one of the poorest pharmacist per capita aggregate demand indices in the country, the Maine Department of Labor projects a significant increase in pharmacy related careers in the state. The Husson University Trustees have designated approximately 25,000 square feet in the Peabody/Commons academic complex for the School of Pharmacy. Renovations have been completed and include faculty/staff offices; four 40-seat classrooms; two 80-seat classrooms; one 20-seat classrooms; a 42-seat cognitive skills laboratory with an adjoining patient counseling/assessment room; a dispensing laboratory including a simulated IV/sterile compounding area; and an 800 ft² of on-campus basic pharmaceutical sciences research laboratory space and 2000 ft² of state-of-the-art research laboratory space at the Husson University Research and Education Center on Sylvan Road.

IDEXX Laboratories Inc.

1 Idexx Dr.
Westbrook, ME 04092-2041
(207) 556-0300
www.idexx.com



Products and Services: We combine an intense desire to succeed with the passion and skill to be the leader in our markets. We achieve exceptional and sustained financial success by creating superior value for our customers and employees worldwide. We put the needs of our customers at the center of all our activities and offer unsurpassed customer service and education. We actively listen to and engage with our customers to build lasting and mutually profitable partnerships.

Profile: IDEXX Laboratories, Inc. is a leader in pet healthcare innovation, serving practicing veterinarians around the world with an integrated portfolio of diagnostic and information technology-based products and services. Our products help veterinarians provide advanced medical care and to build more economically successful practices. IDEXX is also a worldwide leader in diagnostic tests and information for the production animal industry and tests for the quality and safety of water and milk.

ImmuCell Corporation

56 Evergreen Dr.
Portland, ME 04103
(207) 878-2770
www.immucell.com

The logo for ImmuCell features the word "ImmuCell" in a blue, sans-serif font. A red horizontal line is positioned below the text.

Products and Services: Our product focus encompasses prevention, diagnosis and treatment of economically important bovine diseases.

Profile: ImmuCell is a public biotechnology company that is developing, manufacturing and selling products that improve animal health and productivity in the dairy and beef industries.

Insightful Products LLC

2 Lincoln Ave. Ste 8
Scarborough, ME 04074
(207) 885-0414
www.insightful-products.com



Products and Services: Orthotics

Profile: Insightful Products, LLC was founded by Mr. Engelman to develop products to help the medical community service the geriatric population. He has many patents and has developed the Step-Smart, an ankle foot orthosis (AFO) product & FootFunnel, an ergonomic shoe donning device.

The Jackson Laboratory

600 Main Street
Bar Harbor, Maine 04609 USA
(207) 288-6000
www.jax.org



Products and Services: Research focused on mammalian genetics research to advance human health

Profile: We are an independent, nonprofit organization focused on discovering precise genomic solutions for disease and empowering the global biomedical community in the shared quest to improve human health. Our more than 1,500 employees located in Bar Harbor, Maine, Sacramento, California, and Farmington, Connecticut, conduct genetic research, provide scientific services and genetic resources to laboratories around the world, and educate students of all ages through courses, internships and other programs. Our work uses the mouse as a research tool. Because mice and humans share 95% of their genes, mice are an effective and efficient model for human diseases. Along with our research we provide scientific resources, techniques, software and data to scientists around the world. We breed and manage colonies of mice to supply other research institutions and laboratories.

M. Kagan & Associates

PO Box 249
Dover-Foxcroft, ME 04426
www.mkaganassociates.com

M. Kagan & Associates

Products and Services: Diagnostic and life science product development

Profile: Over 25 years developing and manufacturing complex diagnostic and life science products in both large and small company environments. Experience from project planning and management thru manufacturing transfer, launch and field service support. We are available for either advisory or hands-on roles within your company.

Kennebec River Biosciences

41 ME-197
Richmond, ME 04357
(207) 737-2637
www.kennebecriverbiosciences.com



Products and Services: Export, diagnostic, and regulatory testing and health services to farms, businesses, government agencies, and scientific research institutions.

Profile: Founded in 1996, Kennebec River Biosciences is the only commercial laboratory providing comprehensive testing and health services to farms, businesses, government agencies, and scientific research institutions involved with aquatic

species. Initially focused on the needs of the salmon aquaculture industry, capabilities and services have expanded to other species and to areas such as veterinary services, bivalve shellfish testing, and contract research. Kennebec River Biosciences is United States Department of Agriculture (USDA) approved for export testing and is recognized by numerous international, state, and provincial regulatory authorities.

L.A.W. Calibration LLC

2 Main St. Ste 17-225
Biddeford, ME 04005
(207) 229-6554
www.lawcalibration.com



Products and Services: At L.A.W. Calibration we will calibrate any of your precision tools or instruments in our environmentally controlled lab or at your site (when possible). We'll even pick up and deliver your items so you stay productive. Quick turnaround time guaranteed!

Profile: L.A.W. Calibration LLC is a full service calibration laboratory located in Biddeford, Maine. We service all of Maine and New Hampshire performing calibrations at our state-of-the-art facility or at our customer's site. We strive to provide our customers with a quality calibration at a competitive price with outstanding customer service.

Lighthouse Imaging Corporation

477 Congress St. Ste 100g
Portland, ME 04101
(207) 253-5350
www.lighthouseoptics.com



Products and Services: Our mission at Lighthouse Imaging is to create quality optical devices that perform their required functions as directly and efficiently as possible. With over 15 years of experience in medical optics, we assure clients of professional guidance starting with initial feasibility studies through to manufacturing.

Profile: Lighthouse Imaging Corporation develops and manufactures optical imaging solutions for the medical device industry. We specialize in endoscopic imaging systems, endoscope test equipment, and video coupling optics. We excel in micro-video optical systems. Lighthouse Imaging is an ISO 9001/13485 certified and FDA-registered Medical Device Manufacturer. We turn our expertise into your products.

Lohmann Animal Health International, Inc.

375 China Road.
Winslow, ME 04901-0632
(207) 859-8745
www.lahinternational.com



Products and Services: Animal diagnostic testing, vaccines, and vitamins

Profile: We find practical ways of combining economic animal production with the requirements for protecting humans, animals and the environment and the needs placed on high quality food. Lohmann Animal Health is the first choice for animal health and productivity in industrial livestock production. We improve our customers' long-term competitive capabilities and promote their benefit potentials with "Integrated Solutions". We set standards for efficient food production by combining ethical responsibility and efficiency in equal measure – in Germany and throughout the world.

Lonza Rockland, Inc. (Cambrex)

191 Thomaston St.
Rockland, ME 04841
(207) 594-3400
www.lonza.com



Products and Services: Manufacturer of state of the art products to life science researchers for use in molecular biology and cell based assay markets.

Profile: The Rockland site is part of the Lonza Bioscience business sector and manufactures over 500 finished products for academic and government institutions as well as biotech and pharmaceutical companies worldwide, and continues to develop custom and innovative products for life-science research and personal care markets. Rockland is also the largest manufacturer of agarose powder worldwide.

Maine Bioproducts

191 Thomaston St.
Rockland, ME 04841
(207) 594-3400
www.mainebioproducts.com



Products and Services: Biofine technology

Profile: Maine BioProducts, LLC is a biorefinery facilities development company. MBP was formed in 2004 to finance and construct commercial facilities for the production of cellulose-derived fuels and chemicals. An in-depth study of markets and technologies led us to focus our development efforts on a powerful platform chemical technology known as the Biofine process. The bulk of our commercialization effort has been funded through the Maine Technology Institute.

Maine Biotechnology Services

1037R Forest Ave.
Portland, ME 04103
(207) 797-5454
www.mainebiotechnology.com



Products and Services: A full service antibody development and production company.

Profile: Maine Biotechnology Services is a premier provider of antibody services, from design and development to production and characterization. MBS extends the creativity and experience necessary for more complex hybridoma development projects, including small molecules and anti-idiotypic. Tools such as MultiPure technology and Octet Red kinetic analysis are utilized to allow customers the opportunity to refine their clone selection earlier in the process. MBS's development tools and expertise benefit not only service customers but also product customers as these tools are applied in the internal development of new antibody products.

Maine Manufacturing, LLC

63 Community Dr
Sanford, ME 04073
(866) 736-1250
www.mfgmaine.com



Products and Services: Maine Manufacturing is a contract manufacturer providing a diversified portfolio of products and services to the life science industry, focusing on specialty plastic, filtration, membrane and fluid technologies for a variety of life science applications and provides research and development, prototyping, low to high volume production and assembly services to accommodate those changing needs.

Profile: Founded in 2007, Maine Manufacturing is a nimble company responsive to our customers' changing needs. We work in partnership with our customers every step of the way to ensure that they receive efficient and cost-effective solutions. Our unique manufacturing capabilities and extensive expertise offer customers a single source for identifying and supplying raw materials, product and process development, manufacturing and quality services. Our exceptional knowledge and experience combined with flexibility and our state-of-the-art facility allow our customers to efficiently reach their corporate objectives and achieve ultimate success in the biomedical research, medical and diagnostic marketplaces.

Maine Medical Center Research Institute

81 Research Dr.
Scarborough, ME 04074
(207) 396-8100
www.mmcri.org



Products and Services: Medical Research

Profile: Successful medical research is a complex process requiring close collaboration of basic scientists, physicians, epidemiologists and data analysts, state-of-the-art instruments, resources to protect the interest of patients who volunteer to participate in clinical trials, and a strong commitment on the part of the Institution. All of these elements are represented in the Maine Medical Center Research Institute. We have world-class scientists working on the most advanced biomedical problems. We have been successful in bringing the benefits of new discoveries to our patients and to the world, and we have an ongoing commitment to continue to be one of the very best biomedical research communities.

Maine Medicinals, Inc.™

555 Gardiner Road
Dresden Maine, 04342
(207) 737-8717
www.mainemedicinals.com



Products and Services: Organic processor and manufacturer of standardized nutraceuticals and herbal supplements.

Profile: Working closely with farmers and scientists, Maine Medicinals™ produces the highest quality plant-based medicines, functional foods and herbal supplements from organic, sustainable and natural sources. At Maine Medicinals™ our mission is to optimize human health by merging ancient herbal traditions with current phytochemical research. We believe in the generational knowledge that comes from the field and grows in the heart.

Maine Molecular Quality Controls, Inc.

10 Southgate Rd., Suite 170
Scarborough, ME 04074
(207) 885-1072
www.mmqci.com



Products and Services: Designing and marketing molecular controls for use in inherited disease testing, infectious disease detection, and pharmacogenetics.

Profile: The company was formed in January 2000 by the two principals, Joan Gordon MT (ASCP) and Clark Rundell, Ph.D. Both founders of MMQCI have a strong background in clinical laboratory testing, as well as extensive research and development skills in the molecular biology field. As long-term workers in a clinical laboratory at Maine's largest healthcare facility, they are thoroughly familiar with the importance of controls in assuring laboratory accuracy, as well as the Federal regulations governing their use. While implementing novel genetic testing assays in the newly established Maine Medical Center Molecular Pathology Laboratory, Dr. Rundell invented and patented a process to stabilize target DNA constructs for utilization as controls in molecular-based diagnostic assays. Ms. Gordon, President of MMQCI, developed protocols based on this patented process to manufacture an FDA-

cleared quality control for an infectious disease test platform. Dr. Rundell and Ms. Gordon subsequently founded MMQCI to pursue further research and development of unique technologies to produce additional molecular control products. Funds from the National Institutes of Health and Maine Technology Institute have assisted the development of new technologies used in MMQCI products.

Maine Oxy / Spec-Air

22 Albiston Way
Auburn, ME 04210
(207) 784-5788
www.maineoxy.com



Products and Services: Specialty Gases, Calibration gasses, EPA Testing, Technical Resources

Profile: Maine Oxy was founded in 1929 by Joseph W. Albiston in Auburn, Maine under the name Maine Gas Service providing sales and service to home propane customers. In 1935 Maine Oxy was incorporated as Maine Oxy-Acetylene Supply Company and began providing welding supplies and industrial gases for customers in Auburn and Lewiston, Maine and surrounding communities.

SpecAir Specialty Gases is the largest independent specialty gas laboratory in New England. SpecAir produces and offers a complete line of specialty gases. Whether you need a scientific grade pure gas to support your analytical instrumentation or an EPA protocol for environmental emission testing, SpecAir has it all. At our Auburn, Maine laboratory we manufacture everything from confined space entry gases to high-end calibration mixes backed by NIST traceable material and weights. We go out of our way to guarantee the quality of the product we produce. SpecAir employs its own in-house chemist to support our ISO/IEC 17025:2005 accredited specialty gas laboratory and production facility. In addition to our variety of quality gases, SpecAir is ranked as one of the top laboratories in the Purity Plus network of independent specialty gas distributors.

Maine Standards Company, LLC

221 US Route 1
Cumberland Foreside, ME 04110
(207) 892-1300
www.mainestandards.com



Products and Services: Instrument calibration verification and data services

Profile: As a company, we have more than 50 years experience in calibration verification and linearity. That's why we can stand behind our products and our service with a promise of 100% satisfaction. Our experts are people who know our products in detail and can help you with any questions. We understand the strenuous demands of clinical laboratories and that is why we developed VALIDATE®, the product line with the most configurations designed for the most widely used instruments. When combined with our unparalleled technical support, flexible

ordering and scheduling, fast turnaround and commitment to innovation, it's no wonder so many labs across the country are turning to Maine Standards Company for all their calibration verification / linearity testing needs.

Microspectral Analysis, Inc.

284 Main St., Suite 400
Wilton Maine 04294-3044
(207) 645-3600
www.microspectralanalysis.com



Products and Services: The i-LAB® series handheld spectrometers

Profile: Microspectral Analysis is focused on the development and commercialization of its patented, miniaturized, integrated sensing system into new product platforms such as the iLab Hand Held Analyzing Spectrometer.

Mitokine Bioscience, LLC

13 Captain Bill Rd
Hancock, ME 04640
207-422-6838
www.mitokine.com



Products and Services: Mitokine is working in collaboration with another company to develop effective new diabetes treatments

Profile: Mitokine Bioscience was founded to impact diabetes care by developing a promising new treatment. Since opening in 2006, our company has maintained a commitment to innovative research that solves medical problems and improves the daily lives of patients. Our current focus is on 1) effective treatments that restore normal mechanisms of glucose management and 2) providing services to research scientists to advance discovery and improve health.

Mount Desert Island Biological Laboratory

PO Box 35
Salisbury Cove, ME 04672
(207) 288-3605
www.mdibl.org



Products and Services: Biomedical and environmental research

Profile: MDIBL is a creative, nimble, and independent non-profit research institution where scientists are advancing a new paradigm for 21st century biomedical and environmental research. The Laboratory was founded on the coast of Maine in 1898 with the visionary conviction that answers to many of our most pressing biological

questions can be found in nature. Selecting appropriate models from a diverse range of organisms, including zebrafish, sea urchins, and roundworms, enables us to transcend the limitations imposed by traditional laboratory models. This approach reduces costs and speeds discovery while yielding fresh insights into aging, regeneration, disease, and healing.

Molnlycke Health Care US, LLC

192 Admiral Fitch Avenue
Brunswick, Maine 04011
(207) 607-4900
www.molnlycke.com



Products and Services: Wound care dressings and products, surgical gloves and clothing, antiseptics, and ortopaedic products

Profile: Mölnlycke Health Care is a world leading manufacturer of wound care and single-use surgical products and a service provider to the healthcare sector. Mölnlycke Health Care is one of the most respected professional healthcare brands in the world, and we are particularly known for our unique, high quality range of products and innovative, patented technologies that allow patients to live better lives and help health care professionals efficiently treat more patients to better care.

Nextep, Inc.

228 Waterman Rd.
West Buxton, ME 04093-3718
(888) 886-9312
www.hearphones.com



Products and Services: Manufacturers of HearFones® technology

Profile: For centuries, singers have intuitively known that cupping a hand to their ear lets them hear themselves better. In ensemble, for example, it's sometimes hard to be sure you're singing on the right pitch. HearFones® were conceived originally to free the hands and to afford feedback symmetrically to both ears, but they've become best known for their spontaneous effect on vocal production. People using HearFones® simply sound better. The inventors modestly dubbed this phenomenon "The Miller-Mickelson Effect," knowing no other name by which to call it. HearFones is a registered trademark of Nextep Incorporated

Natural Products Research Institute

825 Atlantic Highway
Warren, ME 04864
(877) 682-9067
www.nprine.org



Products and Services: Evaluating the safety and efficacy of natural products and understanding how best to use these products for health, wellness, and fitness.

Profile: We believe that our diets are the root cause of most chronic diseases, in particular: diabetes, obesity and inflammation. Good health begins with good nutrition. We are in the process of defining on the basis of scientific principles what constitutes good nutrition and how the addition of safe and effective natural products improves our health. We believe that good health cannot be achieved with diet alone or in combination with quality natural products in the absence of exercise. Further, exercise must have an intensity appropriate component. We believe that the combination of good nutrition, science-derived and clinically tested supplements and appropriate exercise will decrease disease conditions, improve lifestyle and decrease our reliance on ethical pharmaceutical drug products.

NorDx Laboratory

301A US Route 1
Scarborough, ME 04074
(207) 396-7830
www.nordx.org



Products and Services: Laboratory testing services

Profile: NorDx was established in 1976 as the first licensed independent clinical laboratory in Maine. Since then, it has grown in scope and expertise through affiliations with Maine Medical Center (MMC), the Maine Medical Center Research Institute (MMCRI), and the Center for Lipid Research and Clinical Research Management. This consolidation of expertise has formed a single, comprehensive healthcare system, which consists of one of the largest, most sophisticated, state-of-the-art laboratories in the Northeast. The vast majority of testing is performed within the NorDx laboratory network.

Orono Spectral Solutions, Inc.

689 Odlin Road
Bangor, ME 04401
(866) 269-8007
www.ossmaine.comp



Orono Spectral Solutions, Inc.
A Full Spectrum Innovator.

Products and Services: Developing innovative absorbent materials and sampling methods which enable trace level detection of chemical/biological agents in both air and water backgrounds

Profile: OSS was incorporated in August, 2004 for the purpose of advancing and commercializing chemical and biological agent detection research being conducted at the Laboratory for Surface Science & Technology (LASST) at the University of Maine. OSS is a small, high tech company currently supported through several contracts with the Department of Defense. OSS is also actively pursuing commercial opportunities in the areas of air and water quality monitoring. Most recently, OSS has sought to develop an improved method for detecting petroleum hydrocarbons in industrial waste and produced water.

Physician Engineered Products

103 Smith Street
Fryeburg, Maine 04037
(207) 935-1256
www.peponline.com



Products and Services: At home phototherapy products, and research

Profile: Physician Engineered Products (PEP) specializes in bright light phototherapy. In 1984, PEP was the first to offer an effective, safe and conveniently portable home-care device for treating infant jaundice outside the hospital – reducing costs ten-fold. Today, PEP offers the fastest-treating devices available for home or hospital care – as well as innovative eye protection and an adjunct device that make other phototherapy devices almost as effective as PEP's.

Pondera Pharmaceuticals Inc.

209 Chadsey Road
Pownal, ME 04069
(877) 865-6926
www.ponderapharma.com



Products and Services: Endorphinate® is the only available safe and natural way to enhance and balance endorphins, critical to the restoration and maintenance of healthy stress and pain responses.

Profile: In 1973, Pondera Scientific Advisory Board member Dr. Eric Simon identified opioid receptors in the brain, and in 1976 he coined the word “endorphins”. Ever since, his colleague Dr. Stanley Crain, Professor Emeritus of Neuroscience, Albert Einstein School of Medicine and Pondera’s Chief Scientific Officer, searched for a way to unleash the power of these natural stress relievers, culminating in the discovery of Deepak Chopra Endorphinate®.

Puritan Medical Products

P.O. BOX 149
Guilford, ME 04443
(207) 876-3311
www.puritanmedproducts.com



Products and Services: Single-use products for healthcare, diagnostic, forensic, environmental surface sampling, food safety, pharmaceutical, and critical environment manufacturing applications

Profile: Puritan Medical Products Co., LLC, is an American company known worldwide as the trusted manufacturer of single-use products for the healthcare, diagnostic, forensic, critical environment, food safety, and drug manufacturing industries. We take pride in our Puritan brand. You can order with confidence, knowing that products are manufactured, packaged, and shipped from our state-of-the-art manufacturing facility in Guilford, Maine. Puritan products are available through our valued medical, industrial, and lab supply distributors.

Putney Inc.

400 Congress Street, Suite 200
Portland, ME 04101
(866) 683-0660
www.putneyvet.com



Products and Services: Developing high-quality, generic medicines for pets

Profile: Putney was founded by Jean Hoffman in 2006. Our vision is to become the leading provider of high-quality, bioequivalent and specialty drugs supporting the U.S. veterinary community. At Putney, we are committed to quality pharmaceuticals for veterinarians, and we invest in programs that support the practice of high-quality veterinary medicine. Putney's generic drugs support veterinarians' use of standard-of-care drugs to treat pets. Generics enable more pet owners to comply with the full, veterinarian-prescribed treatment, especially for chronic and frequently used drugs.

Renegade Wheelchairs, LLC

127 Main St.
South Portland, ME 04106
(866) 964-9309
www.renegadewheelchairs.com



Products and Services: All terrain wheelchairs, accessories and merchandise

Profile: If you're a wheelchair user who loves the outdoors, don't let a little mud, sand, or snow stop you from getting there. The Renegade All Terrain Wheelchair has a multi-gear, push-bar system inspired by mountain bike technology, so you can go off the beaten path with relative ease. If you're serious about the outdoors – you need a Renegade!

Rynel, Inc.

11 Twin Rivers Dr.
Wiscasset, ME 04578
(207) 882-0200
www.rynel.com



Products and Services: Manufacturing of polyurethane prepolymer and processing it into a wide array of semi-finished and finished products

Profile: We partner with our customers to provide the exact foam they need from roll and sheet stock to intricately molded parts. We are experts in every aspect of the foam-making process; we manufacture the raw materials for the foam itself. This broad base of foam-making experience allows us to engineer-in the exact characteristics and properties desired by our customers. We are continually developing and evaluating new prepolymers, because at Rynel, Foam Follows Function.

Sea Run Holdings, Inc.

76 Pine Street
Freeport, ME 04032
(207) 865-9655
www.searunholdings.com



Products and Services: Therapeutic products developed from the blood of farmed Salmon

Profile: Sea Run Holdings, Inc. is a marine biotechnology company. We discover and develop innovative biologics and therapeutics from the blood of farmed salmon. Salmon plasma proteins have unique properties that provide advantages for many indications. Salmon fibrinogen and thrombin are free from mammalian viruses and prions, a major advantage in therapeutic use. In addition to its bioactive properties, salmon fibrin degrades more slowly in vivo than mammalian fibrin, and polymerizes over a wide temperature range (4°-40°C) which could be useful for neurotrauma or surgery performed under induced hypothermia.

Sensor Research and Development

17 Godfrey Drive
Orono, ME 04473
(888) 390-5234
www.srdcorp.com



Products and Services: Gas delivery and mixing systems; Gas testing and evaluation

Profile: Founded in 1993 by Mr. Carl Freeman, Sensor Research and Development Corporation (SRD) has established itself as a premier solid-state chemical gas sensor

research and development (R&D) source for the Departments of Defense, Homeland Security and Energy. SRD utilizes semi-conducting metal oxides (SMO) and sophisticated algorithms to provide real-time, highly selective and sensitive detectors for a broad range of chemical agents, toxic industrial chemicals and explosives. Applications of our technology include flue gas monitoring, handheld detectors for warfare agents, facility monitors, food safety and security, and collective and personal protection monitors. SRD is a veteran-owned small business with 23 employees and state-of-the-art laboratory facilities. SRD's research team includes electrical, mechanical, and computer engineers, material scientists, physical and analytical chemists. Our staff holds seven PhDs and has a unique expertise in SMO sensor materials development, solid-state microelectronics and signal processing.

SolidPhase, Inc.

1039 Riverside Street, Suite 3
Portland, ME 04103
(207) 797-0211
www.solidphaseinc.com

The logo for SolidPhase, Inc. features the company name in a white, bold, sans-serif font, centered within a dark red rectangular background.

Products and Services: Custom assay development, custom iodinations and conjunctions, custom coating of solid-phase supports, and manufacturing support services such as liquid filling, component labeling and final product assembly.

Profile: SolidPhase, Inc. began business in 1993 as a contract manufacturer for the pharmaceutical and immunodiagnostic industries. The staff of SolidPhase has over half a century's worth of experience in the development, pilot production, full-scale manufacture, and technical support of diagnostic products. We operate in a FDA licensed facility in accordance with all the current cGMPs, and we work closely with our customers to ensure complete satisfaction from initial R & D pilot scale operations to full product manufacture. Our experience in the field, technical expertise, and manufacturing capabilities help ensure short turnaround times and very competitive pricing on all contract manufacturing activities.

Solstice Corporation

PO Box 1177
Portland, ME 04104
(800) 874-7922
www.xactmarkers.com



Products and Services: Mammography X-ray markers and medical applicators

Profile: Solstice Corporation incorporated on the summer solstice of 1989 in Portland, Maine, after our founder and company president, Dr. Danforth DeSena, identified a need for small, high-quality surgical applicators while working in his medical office. The Micro-Tip® Applicator was introduced and quickly became a staple in medical offices throughout the United States. Since that time, Micro-Tip cotton applicators have become indispensable not only in medical procedures but also in manufacturing,

optical cleaning, and in the fiber optic industries. Our original applicator products are even used by conservators to restore precious works of art at museums across the country and have even been used to clean the lenses of miniature cameras planted on the field during the Super Bowl game. In 1993, Dr. DeSena recognized a need for a time-saving marker to identify external points of interest on X-rays. He was awarded patent #5193106, "X-ray Identification Marker," and in 1996 the company expanded its product line with two new Xact® X-ray markers. The family of Xact imaging markers has now grown to include nipple markers, mole markers, scar markers, lesion markers, and CT markers. Solstice Corporation will soon release its much-awaited MRI marker.

Southern Maine Community College

2 Fort Road
South Portland
Maine 04106-1698
(207) 741-5500
www.smccme.edu



Products and Services: Higher Education

Profile: With 45 degree and certificate programs serving 7,500 individuals, SMCC is a comprehensive community college of the highest quality. Additionally, we provide workforce training and non-credit workshops for thousands of people every year. No college enjoys a setting more picturesque than our 80-acre South Portland Campus. At SMCC's Midcoast Campus at Brunswick Landing we offer higher education programs and business partnerships that prepare people for high-demand and high-wage careers. You can also be part of SMCC at our Bath Center, at one of our several community satellite locations, or on-line. Whether you're a current or prospective student, a graduate, entrepreneur, partner or friend of the College, we are invested in your success. With SMCC you will move forward. Envision a future!

Spin Analytical Inc.

468 Portland Street
Berwick ME 03901 USA
(207) 704-0160
www.spinanalytical.com



Products and Services: Manufactures precision instruments, tools and accessories for the biochemistry, biology, polymer, and pharmaceutical industries.

Profile: Spin Analytical is committed to developing and providing innovative products. We value our customer relations. Customer feedback has allowed us to continually improve our products and provide high quality support to the scientific research community. Spin Analytical, Inc. was founded in 2006 by Dr. Thomas M. Laue and J. Brett Austin for the purpose of developing the next generation of analytical ultracentrifuge. Our instruments and components are used to measure the

size, shape and electrostatic charge of molecules. These fundamental properties are required during the development of new pharmaceuticals and polymers, as well as used routinely in the QA/QC of existing products. Biochemists, molecular biologists and cell biologists are increasingly measuring these properties as part of the basic research into how living systems function. Spin Analytical has fewer than 10 employees and is located in an 8500 sq. ft manufacturing facility in southern Maine.

Spirometrics Medical Equipment

22 Shaker Rd
Gray, ME 04039
(207) 657-6700
www.spirometrics.com



Products and Services: Respiratory care products and complete line of pulmonary function supplies

Profile: For more than 20 years, Spirometrics has been committed to meeting the needs of the respiratory care patient and healthcare professionals by maintaining the highest quality products and service that help improve the overall quality of care. Our team of knowledgeable, highly qualified staff is available to provide you with excellent customer service and technical support. We value you our customers and we strive to continually provide 100% customer satisfaction in meeting your healthcare needs.

Sun Diagnostics, LLC

60 Pineland Drive
Auburn Hall, Suite 305
New Gloucester, ME 04260
(207) 926-1125
www.sundiagnosics.us



Products and Services: In-Vitro Diagnostic (IVD) Products

Profile: Sun Diagnostics, LLC strives to identify and develop new products for the in vitro diagnostic (IVD) industry that will contribute to the advancement of laboratory medicine and improve healthcare. Our focus is on innovative products that meet the needs of patients, clinicians, laboratories, and researchers. Sun Diagnostics is headquartered on the campus of Pineland Farms in New Gloucester, Maine. This picturesque location fosters creativity, focus, and innovation, providing a unique environment for our staff to develop cutting-edge products for the ever-evolving IVD industry.

Syris Scientific, LLC

22 Shaker Road
Gray ME 04039
(800) 714-1374
www.syrisscientific.com



Products and Services: Visualization enhancement products for dermatologic procedures

Profile: Syris Scientific, a Maine based medical company founded in 1997, is the leader in the field of advanced visualization systems for surface and subsurface viewing. Syris Scientific is committed to maintaining its roots in the high technology world and continuing its close affiliation with the medical community. Enercon contributed a valuable dimension of design and technology infrastructure that has made Syris the rapid, technology medical company it is today. Today, the v600, v300 and Vantage along with their predecessor the Seymour Light, are currently being used by over 3,000 physicians and medical professionals worldwide and are included in training courses in aesthetics and laser dermatologic surgery.

Tethys Research, LLC

53 Downing Road
Bangor, Maine 04401
(207) 942-9044
www.tethysresearch.com



Products and Services: Enzyme and chemical metabolite research and development

Profile: Tethys Research LLC was initially formed in late 2000 by Dr. Nancy Kravit and Ms. Robyn Kravit to focus on a novel strategy for biotransformation. In its early years, Tethys worked on projects to discover new chemical entities in the life sciences and bioremediation industries. In late 2004, a research request led the company to change its focus to the discovery of industrial enzymes with a specialization in the pulp and paper sector. During this period, three minority partners joined the firm, bringing additional technical and commercial expertise. Within its chosen markets, Tethys serves as a leading edge discovery company; developing technology and utilizing it under contract to or in partnership with other organizations that produce and market chemical products and processes.

Trillium Diagnostics, LLC

P.O. Box 67
Brewer, ME 04412-0067
(207) 945-0900
www.trilliumdx.com



Products and Services: Diagnostic Flow Cytometry

Profile: Trillium Diagnostics has over 30 years extensive experience in both research and clinical practice in laboratory hematology and diagnostic flow cytometry. We are ISO certified and have successfully partnered with many IVD and Pharmaceutical companies in Laboratory Hematology and flow cytometry companion diagnostics and unique assay development and consulting in clinical trials, regulatory affairs, and laboratory practice. Trillium has a strong team who understand all the steps in the regulatory process and clinical trial environment in both the USA (FDA) and Europe (CE). Trillium has high quality contract manufacturing partners both in the USA and Europe who consistently deliver the high-quality innovative products that Trillium is renowned for. Trillium specializes in the creation of cell based, novel hematology assays that replace insensitive or laborious methods.

University of Maine

5713 Chadbourne Hall
Orono, ME 04469-5713
(207) 581-1865
www.umaine.edu



Products and Services: Higher Education

Profile: Located in the town of Orono along the banks of the Stillwater River, the University of Maine offers a strong traditional education at an affordable price. The state's land-grant university and the flagship institution in the University of Maine System, UMaine is one of New England's premier universities. We help students create success stories—with a wide variety of programs and opportunities—and we do so with world-class faculty members, nationally recognized research; first-rate facilities; a friendly, safe atmosphere; and easy access to some of the best year-round recreation sites in the nation. At UMaine, you'll enjoy the world through 88 bachelor's degree programs, 70 master's degree programs, and 30 doctoral programs. Our library is ranked among the top in the country, we have one of the nation's oldest and most prestigious Honors programs, now the Honors College, and our students enjoy hands-on research, even at the undergraduate level. We offer the following majors related to field of life sciences: animal and veterinary sciences, anthropology, biochemistry, biology, botany, chemistry, clinical laboratory sciences, ecology and environmental sciences, chemical, engineering (chemical), biomedical sciences, marine sciences, and pre-veterinary.

University of New England

11 Hills Beach Rd
Biddeford, ME 04005
(207) 283-0171
www.une.edu



Products and Services: Higher Education

Profile: The University of New England is an innovative health sciences university grounded in the liberal arts, with two distinctive coastal Maine campuses and unique study abroad opportunities. UNE has internationally recognized scholars in the sciences, health, medicine and humanities; offers more than 40 undergraduate, graduate and professional degree programs; and is home to Maine's only medical school. We offer the following majors related to field of life sciences: Aquaculture and Aquarium Sciences, Biochemistry, Biological Sciences, Chemistry, Environmental Science, Laboratory Science, Marine Science, Medical biology, and Neuroscience.

University of Southern Maine

96 Falmouth St.
Portland, ME 04101
(800) 800-4USM
www.usm.maine.edu



Products and Services: Higher Education

Profile: We are meeting the challenges of change with innovation and creativity. Through partnerships with businesses and organizations, our faculty is engaged in applied research and scholarship, and our students are involved in experiential learning to help shape the future of our region. We offer the following majors related to field of life sciences: behavioral studies, biology, biotechnology, chemistry, environmental science, geosciences, health science, human biology, natural and applied science, and psychology.

Verity Software House

45 Augusta Rd # A
Topsham, ME 04086
(207) 729-6767
www.vsh.com



Products and Services: Flow cytometry analysis software

Profile: Verity Software House is a small company, but don't let that fool you; bigger is not necessarily better. We are able to respond quickly to shifting market priorities and to offer new and innovative solutions to the newer demands in the health care environment. We are able to develop a personal as well as a professional relationship with our customers. When you call Verity, you'll talk to someone who really wants to hear from you, and is committed to helping you find the solutions you need. And we've done more than simply write software! With scores of presentations, publications and chapters, and years of laboratory science and flow cytometry clinical and research experience, we are flow cytometrists who write software, not software gurus who dabble in flow cytometry. With long-standing memberships in ISAC (and SAC before that), we know your needs and interests, because they've been our needs and interests, too. At Verity, we speak your language.

ViroStat, Inc.

PO Box 8522
Portland, ME 04104
(207) 856-6620
www.virostat-inc.com

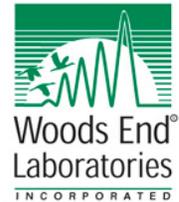


Products and Services: Infectious disease researcher and manufacturer supplier

Profile: ViroStat was founded in 1985 by Dr. Douglas McAllister to provide infectious disease antibody tools to researchers and manufacturers. These include the areas of virology, bacteriology and parasitology. Applications for these include detection of respiratory agents, STD agents, gastrointestinal agents/toxins and food borne pathogens. The company offers more than 500 infectious disease reagents including their MONOTOPE™ monoclonal antibodies, OMNITOPE™ polyclonal antibodies and numerous recombinant antigens. Many of these antibodies are used by manufacturers of rapid, point of care tests currently made and sold in the US. Because ViroStat is the primary manufacturer of these antibodies, they have the knowledge and experience to offer excellent customer service and technical support to your laboratory staff on any scale from 100 ug to 10 grams.

Woods End® Laboratories, Inc.

PO Box 297
Mt Vernon, ME 04352
(207) 293-2457
www.woodsend.org



Products and Services: Compost and biogas research

Profile: We are America's longest running compost laboratory devoted to soil and compost quality with experience in operating compost sites, process management, odor control and end-product quality research. We offer unrivaled horticultural skills for best placement of recycled amendments used by growers, nurseryman and greenhouses. Our Quality Matrix standards for optimization produce realistic nutrient assessment. Our cutting edge laboratory methodology for biogas energy recovery reveals the transformation potential of carbon in organic wastes, methane recovery and high quality of digestate. We have new technology for soil carbon quality, CO₂ Respiration measurement, stability and mineralization of recycled carbon, and soil microbial biomass carbon.

Maine Life Sciences Directory Index

DIAGNOSTICS

ALerCHECK, Inc.
Alere Scarborough
Artel
Bar Harbor Biotechnology
Beacon Analytical Systems
Bio-Rad
BioAnalyte Inc.
The Biotech Source
Bushover's Biologicals, Inc.
CAPE Technologies
Capricorn Products LLC
Chemogen
East Coast Biologicals Inc.
Emerson Apparatus Co. Inc.
EnviroLogix Inc.
Kennebec River Biosciences
Lonza Rockland, Inc.
Maine Molecular Quality Controls, Inc.
SolidPhase, Inc.
Sun Diagnostics, LLC
Trillium Diagnostics, LLC
Verity Software House

EDUCATION

Husson School of Pharmacy
Southern Maine Community College
University of Maine
University of New England
University of Southern Maine

GENETICS/GENOMICS

Cerahelix
Genotyping Center of America

MEDICAL DEVICES & PRODUCTS

Acme-Monaco Corp.
Activas Diagnostics
Alba-Tehcnic LLC
Armaid
Artel
The Baker Company
Bio-Rad
Biovation
Clear H2O

EchoHeart
FHC Inc.
Global Biotechnologies, Inc.
Global Protein Products
Insightful Products LLC
Lighthouse Imaging Corporation
Maine Oxy
Microspectral Analysis, Inc.
Molnlycke Health Care US, LLC
Nextep, Inc.
Orono Spectral Solutinos, Inc.
Physician Engineered Products
Puritan Medical Products
Renegade Wheelchairs, LLC
Rynel, Inc.
SolidPhase, Inc.
Solstice Corporation
Spin Analytical Inc.
Spirometrics Medical Equipment
Syris Scientific, LLC
ViroStat, Inc.

NUTRACEUTICALS

Coastside Bio Resources
Maine Medicinals, Inc.

OCEAN SCIENCES & AQUACULTURE

Bigelow Laboratory for Ocean Sciences
Gulf of Maine Research Institute
Sea Run Holdings, Inc.

RESEARCH

Acadia Clinical Research
Aristea Translational Medicine Corporation
The Jackson Laboratory
Maine Medical Center Research Institute
Mitokine Bioscience, LLC
Mount Desert Island Biological Laboratory
Natural Products Research Institute
Tethys Research, LLC
Woods End Laboratories, Inc.

Maine Life Sciences Directory Index (cont.)

TESTING & MEDICAL LABORATORIES

Affiliated Healthcare Systems
Aroostook Testing & Consulting
Laboratories, Inc.
Dahl-Chase Diagnostics
Foundation for Blood Research
L.A.W. Calibration LLC
Maine Standards Company, LLC
NorDxLaboratory
Sensor Research and Development

VETERINARY & ANIMAL HEALTH PRODUCTS

Coastside Bio Resources
IDEXX Laboratories, Inc.
ImmuCell Corporation
Lohmann Animal Health International, Inc.
Putney, Inc.

Maine Exports of Medical & Lab Equipment

In US Dollars

COUNTRY	ANNUAL 2013
TOTAL ALL PARTNER COUNTRIES	102,493,464
Netherlands	28,976,495
Canada	20,360,596
Japan	10,205,865
China	6,532,801
United Kingdom	4,374,799
Singapore	4,034,018
Mexico	3,783,839
Republic Of South Africa	2,040,001
Malaysia	1,766,234
Germany	1,705,086
Australia	1,607,306
Ukraine	1,351,800
Taiwan	1,000,638
Thailand	963,894
Colombia	928,038
Korea, Republic Of	829,369
Venezuela	664,550
Brazil	640,825
Indonesia	522,841
Peru	491,781

Source: U.S. Census Bureau Foreign, Trade Division



Maine Life Sciences Industry Related Organization

Maine Department of Economic and Community Development (DECD)

www.maine.gov/decd
59 State House Station, Augusta, ME 04333-0059
Ph +1 201-624-9800

Maine International Trade Center (MITC)

www.mitc.com
511 Congress Street, Portland, ME 04101
Ph +1 207-541-7400

Bioscience Association of Maine/Maine Bioscience Collaborative

www.mainebioscience.org
PO Box 97, Sebago, ME 04029-0097
Ph +1 207-482-0590

Maine Technology Institute (MTI)

www.mainetechnology.org
8 Venture Ave, Brunswick, ME 04011
Ph +1 207-582-4790

Midcoast Regional Redevelopment Authority (MRRA)—Brunswick Landing

www.mrra.us
2 Pegasus St., Suite 1, Unit 200, Brunswick, ME 04011
Ph +1 207-798-6512

Portland Technology Park

www.portlandmaine.gov/citymanagers/portlandtechnologypark
City of Portland
Ph +1 207-756-8019

Maine Community College System

www.mccs.me.edu
323 State St., Augusta, ME 04330
Ph + 1 207-629-4000

The University of Maine

www.umaine.edu
Orono, ME 04469
Ph +1 207-581-1865



This directory has been produced by:

February 2014

Maine International Trade Center
511 Congress Street
Portland, ME 04101 USA
www.mitc.com