Cornell's Research Serves the Region

2002

Small Business Development

Office of the Vice Provost for Research

"In the 2002 economy and beyond, small, focused companies founded upon solid research and creative approaches will prove more flexible, sustainable, and rewarding for their communities than the inflated technology money-driven corporations of recent years." —concept systems, inc.

PUBLISHED BY
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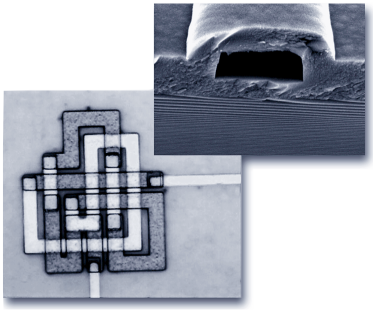
contents

Companies in the Greater Ithaca Region

Nanofabricated tools for bioanalysis and preparation

A scanning electron micrograph showing the profile of a tube made using the proprietary sacrificial layer removal technique.▼



▲ An optical micrograph showing a demonstration device with two levels of fluidics. It employs vertical interconnects as well as non-intersecting overpasses. —Nanofluidics, Inc.

contents

"academic entrepreneurship is essential for economic development and the strategic robustness of the local, regional, and state-wide economies."
—paracelsian, inc.

contents

"All current big companies were small once." —Transonic Systems, Inc.

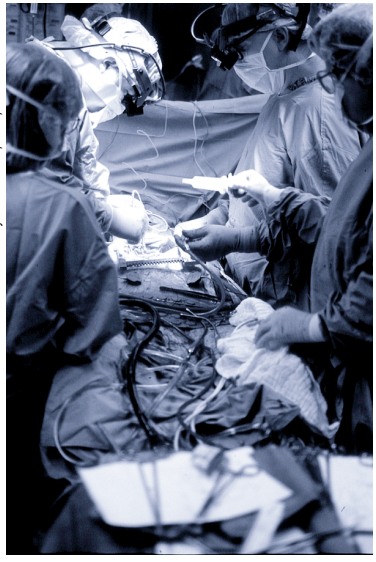


Photo courtesy of E. Grossi, M.D., NYU Medical Center

Cardiothoracic surgeons worldwide use Transonic Flow-QC measurements routinely during coronary artery bypass grafting (CABG) surgery to assure successful outcomes.

Companies Outside the Greater Ithaca Region, Within New York State

Companies Started in Ithaca, Now Merged or Relocated

Cornell's research, scholarship, and creativity is immensely beneficial to the public. Through the university's programs and efforts in technology transfer and outreach, human lives are enriched—new knowledge is shared, social problems are aided or solved, new jobs become available, new products emerge, and the economy is stimulated. Technology transfer occurs in many ways. For example, whenever a Cornell graduate leaves the university and takes a place in the world of industry—whether joining a company or starting a company—a transfer of university-based knowledge takes place.

New companies in the region—direct spin-offs of Cornell technology and start-ups by Cornell faculty, staff, students, or graduates—contribute directly to the economic development of the region. These companies create new industry sectors (usually in high technology fields thereby helping to diversify the state's economy), more jobs, and more revenue for the region and the state. They translate the results of Cornell's research and technology into products and services, thus serving the public in essential ways. With $415 million (FY 2001) in research expenditures, Cornell's potential for serving the region through economic development continues to grow, particularly as the university persists in making the process of transitioning from the research bench to the formation of small businesses easier.

This positive climate for small business development extends throughout campus and into the community. Cornell has created a nurturing and supportive environment on campus and a working partnership with Tompkins County. Cornell's Office of Economic Development puts forth a new thrust in commercializing Cornell technology and in supporting the mission of economic development in the region and state.

Cornell's Research Serves the Region: Small Business Development illustrates how technology transfer and outreach are achieved through small business development. It documents 86 small businesses that have emerged as a result of Cornell's extensive academic resources—its people, research, and facilities. These businesses employ more than 3,177 people in the region and 6,995 worldwide. Fifteen companies report a total of $534.2 million in annual revenue. (Most companies do not reveal revenue.)

This directory includes companies with three types of Cornell connections:

- Companies founded by Cornell faculty, staff, students, or alumni with a definitive transfer of university technology or knowledge;
- Companies based on specific Cornell technologies;
- Companies whose proximity to Cornell's intellectual resources is crucial to their formation or to their relocation and retention in the region.

Cornell's Research Serves the Region: Small Business Development organizes the companies into three categories: companies in the greater Ithaca region; companies outside the greater Ithaca region within New York State; and companies started in Ithaca, now merged or relocated.

Cornell's commitment to technology transfer and outreach through small business development remains firm. As start-ups continue to develop—taking research advances of the university to the public—Cornell looks forward to further economic growth in the region.

Cornell University thanks each of the companies participating in this project.

Robert C. Richardson
Vice Provost for Research
Cornell University

Since the Year 2000… Stats at a Glance

The Companies

- A total of 86 businesses are covered
- 8 new companies formed in Ithaca
- 5 companies became defunct
- 3 companies merged with larger conglomerates, but retained a major component in Ithaca
- 69 companies are in the greater Ithaca region
- 9 companies are outside the greater Ithaca region, within New York State
- 10 companies have employees located worldwide
- 2 of the companies started in Ithaca but relocated, became defunct; 8 are still in business
- One of the new companies acquired former employees of one of the defunct companies
- One company previously listed is not included in this edition because of company policy, but it is still in business
- 15 companies reported a total of $534.2 million in revenue (most companies do not reveal revenue)
- 25 of the companies are located in the Cornell Business and Technology Park

"cornell is an incredible brain trust and resource for small tech companies in the area. it gives them an excellent edge over companies in other regions who do not have a cornell to collaborate with."
—odyssey research associates

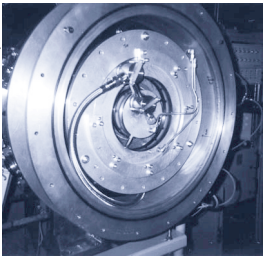


Photo courtesy of APP

Ion diode installed in customer's equipment

The Employees

- A total of 6,995 people are employed by the companies; 3,177 are in the greater Ithaca region and within New York State
- 2,321 scientific and technical staff are employed by the companies; 810 are in the greater Ithaca region and within New York State
- 162 Cornell graduates are employed by the companies
- Increases in the number of employees, ranging from 2 to 200 occurred in 18 companies in the greater Ithaca area

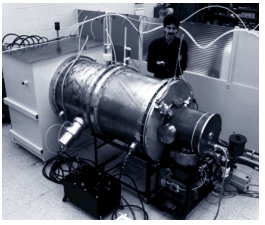


Photo courtesy of APP

Intense pulsed x-ray source —Applied Pulsed Power, Inc.

The Cornell Connection

- 38 companies were founded by Cornell faculty, staff, students, or alumni with a definitive transfer of university technology or knowledge
- 17 companies reported that their proximity to Cornell's intellectual resources is essential to the success of their businesses
- 21 companies were founded to commercialize specific Cornell technologies and have or have had license agreements with the university

Office of Economic Development (OED)

The Cornell University Office of Economic Development (OED) leverages Cornell's intellectual capital and other resources for the economic benefit of local and regional businesses, New York State, and the world. OED is a principal point of contact and liaison for business and industry interested in collaborations with faculty and the use of high technology facilities at Cornell. On campus, OED facilitates entrepreneurial activities among Cornell faculty by assisting the development of technology transfer and business start-ups. OED operates in conjunction with the Cornell Business and Technology Park and academic programs across the university to support new business development. It also works closely with local and regional economic development partners toward a shared goal of enhancing the economic vitality of the Upstate New York region.

The Office of Economic Development maintains a strong link with the Cornell Research Foundation (CRF). While CRF is Cornell's patents and licensing arm, OED works "upstream" by helping faculty to collaborate with corporate partners in bringing research concepts to market. OED networks with Cornell alumni who are interested in supporting start-up business and industrial partnerships. OED works in concert with New York State and local agencies to find financial support for research programs with the potential for economic growth.

OED assistance includes:

- Identification and nurturing of corporate partners
- Grant writing assistance
- Forums for discussion of technology transfer issues common across the campus
- Business planning assistance
- Business Plan starter kit
- Technology Development Fund
- Matching funds for collaboration with industry

OED
Paul L. Carey
Director
econdev@cornell.edu

130 Biotechnology Building
Ithaca, NY 14853-2703
(607) 255-2300
Fax: (607) 255-6249
http://www.research.cornell.edu/OED/EconomicDev.html

Cornell Research Foundation, Inc. (CRF)

Cornell Research Foundation (CRF) manages the intellectual property created by Cornell University's faculty and staff. CRF is responsible for obtaining appropriate patent, trademark, or copyright protection on Cornell-owned intellectual property, while concurrently licensing the intellectual property to appropriate commercial partners. The mission of the Cornell Research Foundation, as the fiduciary for Cornell's intellectual property, is to:

- Foster creativity and inventiveness at Cornell
- Support Cornell's educational and research mission
- Enhance and protect the intellectual property interests of Cornell and its employees
- Manage intellectual property for the benefit of Cornell's research and educational enterprise and for its inventors

These activities are undertaken to promote local, regional, and national economies and, ultimately, to disseminate intellectual properties for the greatest public good.

Cornell Research Foundation provides intellectual property and related advice to Cornell employees for their sponsored research and consulting. The management role of Cornell Research Foundation in the protection and commercial development of inventions and creations includes the following:

- Determine patentability, trademark, or copyright
- Evaluate commercial potential
- Obtain appropriate intellectual property protection
- Locate suitable commercial development partners or research and development (R&D) collaborators and market Cornell's intellectual property to them
- Negotiate and manage licenses for Cornell intellectual property

Cornell Research Foundation recognizes that intellectual property supports Cornell's overall mission. CRF endeavors to position the university's educational and research interests before the concerns of intellectual property.

CRF
James A. Severson
President
jas245@cornell.edu

Richard S. Cahoon
Vice President
rsc5@cornell.edu

20 Thornwood Drive
Ithaca, NY 14850
(607) 257-1081
Fax: (607) 257-1015
http://www.crf.cornell.edu

Cornell Center for Advanced Technology (CAT) in Biotechnology

The CAT is a "NYSTAR Designated Center for Advanced Technology℠," established in 1983 by Cornell and the State of New York. Currently there are fifteen NYSTAR designated CATs in the state with a common mission: "to capitalize on New York's outstanding university research resources, and use those resources to create jobs and opportunity." The Cornell CAT pursues programs that address specific economic development needs of biotechnology and life sciences industries. These needs include research and development, education and training, and technology development and transfer. Since 1991, the CAT has been involved with 23 new companies in the Ithaca area. These have been start-ups based on Cornell technologies funded by the CAT or companies that were attracted to the area to take advantage of Cornell resources. The Cornell CAT has leveraged NYSTAR support with industrial and other state and federal government funding.

The CAT supports research and development programs for Cornell faculty in partnership with New York companies representing many diverse disciplines in the biological, computational, engineering, and physical sciences.

The CAT's Biotechnology Resource Center offers access to core technologies on a fee-for-service basis, as well as training and access to technologies to students, faculty, and industry researchers. Technologies include peptide synthesis; DNA synthesis, sequencing, and fragment analysis; protein sequencing; mass spectrometry; high-performance liquid chromatography, microscopy, and imaging; amino acid analysis; and computer services.

NYSTAR℠
NEW YORK STATE OFFICE OF SCIENCE, TECHNOLOGY & ACADEMIC RESEARCH

CAT
Stephen Kresovich
Director
sk20@cornell.edu

130 Biotechnology Building
Ithaca, NY 14853-2703
(607) 255-2300
Fax: (607) 255-6249
http://www.research.cornell.edu/Biotech/Biotech.html

Alliance for Nanomedical Technologies

An enhanced Center for Advanced Technology (eCAT)

The Alliance for Nanomedical Technologies brings together academia and the private sector of New York State to develop the next generation of nanomedical devices. Established by Cornell and New York State, the Alliance is funded by NYSTAR as part of its enhanced CAT program.

In addition to a research program, the Alliance partners with the Tompkins Cortland Community College in a workforce training project.

A state-of-the-art fabrication facility, the nanoBioFab is being built specifically for handling biomaterials. This model facility will support the private sector and serve as a training facility.

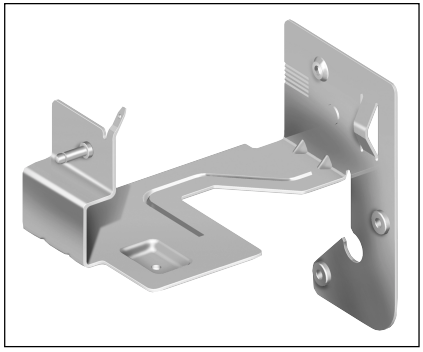
eCAT
Carl A. Batt
Project Leader
cab10@cornell.edu

139 Biotechnology Building
Ithaca, NY 14853-2703
(607) 254-5376
Fax: (607) 255-6249

NYSTAR
NEW YORK STATE OFFICE OF SCIENCE, TECHNOLOGY & ACADEMIC RESEARCH

Cornell Business and Technology Park (CBTP)

Established in 1951 and managed by the Cornell Real Estate Department, the Cornell Business and Technology Park provides space and facilities for more than 80 local, national, and international businesses and research firms. The CBTP is designed to create a fertile working environment that maximizes the creativity and productivity of the executive and scientific labor force, while providing an interface between Cornell University and the business community.



Sheet metal prototype produced by INCODEMA

"In today's world of custom products, built-to-order, and time-to-market goals, companies must rely on dedicated suppliers who share their vision. start-ups frequently fit the bill, and in most niche markets, start-ups have become the backbone of the vendor base. INCODEMA has found its niche in the time-to-market arena."
—INCODEMA

CBTP
John E. Majeroni
Director
jem21@cornell.edu

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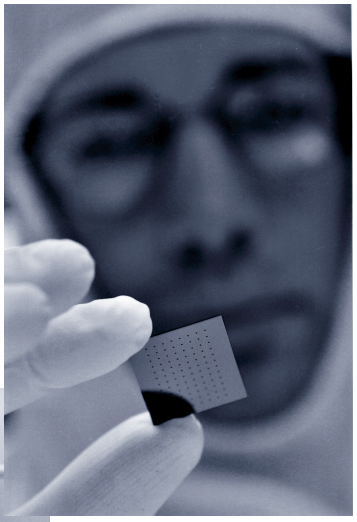
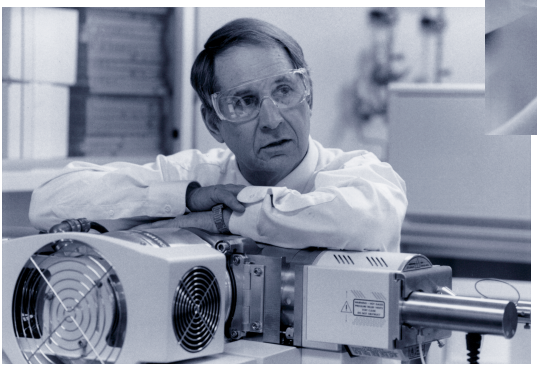
Ithaca, NY 14850
(607) 266-7870
Fax: (607) 266-7876
http://www.cornellbtp.com



Advion's ESI Chip™ technology unleashes the power of mass spectrometry.



Dr. Jack Henion, Advion's President and CEO, co-developed a technique to efficiently couple liquid chromatography and mass spectrometry as a professor of toxicology at Cornell. Advion utilizes this technique for pharmaceutical research.
—Advion BioSciences, Inc.

companies in the greater Ithaca Region

"I contacted the Cornell Research Foundation in search of new entrepreneurial opportunities. I had two initial criteria. First, I was looking for technology that addressed a pending regulatory issue; second, I hoped to find an inventor with an international reputation who was interested in being involved in the start-up." —Tony Eisenhut, president, Kensagroup

Acquisition Systems, LLC

26 Lake Street
Trumansburg, NY 14886
staff@acqsys.com
http://www.acqsys.com

Acquisition Systems designs and produces end-user configurable hardware and supporting software for digital data acquisition and coprocessing development on PCI bus platforms, bringing the benefits of reconfigurable hardware to the end user. The company's products are regularly used in astronomy research at major observatories. Recent research includes the first-ever, simultaneous optical and infrared pulsar observations.

The company's desktop platform incorporates a medium-size Altera FPGA and 1/2 Megabytes of SRAM on a half-size PCI card. Interchangeable daughter cards provide high-speed TTL and fiber optic I/O channels. Acquisition Systems's CompactPCI platform has two large Altera FPGAs and two SHARC digital signal processors, with dual-ported SRAM shared by the FPGAs and DSPs. Embeddable "pods," also containing FPGAs, link to the base desktop or CompactPCI platform via fiber optics, and are configurable over those lines.

Software support includes NT 4.0 and Win2K drivers and application programs providing easy access to the back-end application with graphical user interface controls and a comprehensive interpreted language. Acquisition Systems successfully completed a research contract with DARPA involving FPGA/DSP integration.

Cornell Connection

The company was founded by Cornell staff in the Center for Radiophysics and Space Research.

Employees
2

Revenue
N/A

Founded
1995

Director of Research
Bruce Pirger

RIOPCI, RIODSP, RIOPOD (hardware); ASbridge (software)

Advanced Digital Information Corporation (ADIC)

A Cornell Business and Technology Park Company

ADIC is a leading device-independent storage solutions provider to the open systems marketplace. It has an installed base of more than 75,000 automated libraries, innovative storage management software, Fibre Channel Storage Area Network (SAN) solutions, and Network Attach Storage (NAS) devices.

ADIC, headquartered in Redmond, Washington, merged with Pathlight Technology in May 2001. Pathlight Technology was a pioneering developer of the Storage Area Network (SAN) technology. Pathlight's co-founder and executive vice president became Executive Vice President of Research and Development at ADIC.

Cornell Connection

The former company, Pathlight, now ADIC, was co-founded by a Cornell alumnus. Pathlight's former president is an alumnus of Cornell's S. C. Johnson Graduate School of Management. The company's proximity to Cornell is one reason that ADIC remains in the Ithaca area.

10 Brown Road
Ithaca, NY 14850
(607) 266-4000
Fax: (607) 241-4920
http://www.adic.com

Employees
1,000 worldwide
50 in Ithaca

Revenue
N/A

Founded
1983

Executive Vice President of Research and Development
Said Rahmani Khezri

Advanced Plastic and Material Testing, Inc.

Warren Road Business Park
42 Dutch Mill Road
Ithaca, NY 14850-9785
(607) 257-8378
Fax: (607) 257-1586
apm@apmtesting.com
http://www.apmtesting.com

APM Testing does materials testing and failure analysis to improve quality control in a broad range of industries, including automotive, aerospace, computer, chemical, railway, medical, military, tool and machinery, and consumer products. Testing, analysis, identification, and certification are done on metals, plastics, rubbers, circuit boards, ceramics, paints, lubricants, adhesives, and coatings. The company also honors requests for custom testing. Accreditations include A2LA (ISO/IEC 17025), Boeing, Bombardier/Canadair, Parker Hannifin, and Pratt & Whitney.

APM Testing does materials testing and failure analysis for companies around the world. The company's work helps to ensure product quality, safety, and reliability in trains, cars, airplanes, electronics, and a variety of consumer goods.

Cornell Connection

The company's president and quality assurance manager both received doctorates from Cornell. The university's facilities provide broader opportunities to generate information for customers.

Employees
17

Revenue
$1 million

Founded
1983

President
John Wanagel, Ph.D.

Materials testing and failure analysis

Advion BioSciences, Inc.

15 Catherwood Road
Ithaca, NY 14850-1071
(607) 266-0665
Fax: (607) 266-0749
info@advion.com
http://www.advion.com

Advion BioSciences provides the pharmaceutical and agrochemical industries with liquid chromatography tandem mass spectrometry (LC/MS/MS) analytical services. The company determines drug concentrations in biological samples from drug metabolism and pharmacokinetics studies for method development, method validation, and biological sample analysis. Advion is expanding its business vision to include the development of chip-based analytical technology employing mass spectrometry for high-throughput analysis. Advion is commercializing this technology for proteomics, drug discovery, and genomics applications. Advion plays a key role in improving health through innovation and support of pharmaceutical development.

Cornell Connection

The LC/MS/MS technology used at the company was developed at Cornell by the company's president, who is a professor of toxicology.

Employees
77

Revenue
N/A

Founded
1993

President and CEO
Jack Henion, Ph.D.

Advion BioSciences

Agave BioSystems

401 E. State Street, Suite 1B
Ithaca, NY 14850
(607) 272-0002
Fax: (607) 272-0089
jtabb@agavebio.com

Agave BioSystems is a start-up biotechnology company specializing in the design and delivery of biological components for sensors and related technology. Agave's core competencies are in the development of novel biomolecules and optical components based upon extensive experience in recombinant DNA and microfabrication technologies. The company's mission is to integrate biological components into nano- and micro-fabricated devices to develop new classes of sensors with unparalleled specificity and sensitivity.

Cornell Connection

Agave BioSystems was co-founded by a Cornell professor in the Department of Food Science. The company collaborates with several Cornell faculty members and seeks to remain closely allied with the university to the mutual benefit of both.

R&D engineering services for design and production of nanofabricated biosensors and related technologies

Employees
6

Revenue
N/A

Founded
1998

President
Noe A. Salazar

Scientific Director
Carl A. Batt, Ph.D.

Alltech, Inc.

A Cornell Business and Technology Park Company

Alltech is acknowledged as one of the fastest growing and leading suppliers of enzymes and feed additives derived from fermentation technology. The company provides technical and marketing support to the dairy and livestock industry. Alltech develops all-natural solutions to many of today's agricultural challenges, including Bio-Mos, Yea-Sacc, MTB-100, and Sel-Plex. The company is guided by the philosophy of being "first with the issues and first with the solutions."

Alltech is headquartered in Nicholasville, Kentucky, and has four bioscience research centers: one in the United States, one in Ireland, and one in China. At these facilities, cooperative research is conducted with local universities and sponsored research evaluates products and programs appropriate to the industry and producers in the region. The fourth bioscience center was established recently in Alexandria, Ontario, to serve the Northeast area.

Cornell Connection

Alltech established the Northeast Regional Office in 1996 to better serve its business partners in the region. The interaction with Cornell research faculty provides an edge in agribusiness.

Northeast Regional Office
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95 Brown Road, Suite 139
Ithaca, NY 14850
(607) 257-4877
Fax: (607) 257-9535
scarter@alltech-bio.com
http://www.alltech-bio.com

Employees
600 worldwide
2 in Ithaca

Revenue
N/A

Founded
1980

President
T. Pearse Lyons, Ph.D.

Regional Manager
Scott Carter, Ph.D., P.A.S.

Alltech, INC.
"Where biotechnology, quality, and service meet"

Yea-Sacc, Bio-Mos, MTB-100, Sel-Plex

AnAerobics, Inc.

P.O. Box 307
Aurora, NY 13026-0307
(315) 364-5062
Fax: (315) 364-7713
info@anaerobics.com
http://www.anaerobics.com

AnAerobics generates renewable fuel through its delivery of cost-effective water treatment solutions using proprietary products and a complete management system. The process, Mobilized Film Technology, has potential for control and treatment of organic waste streams generated by residential and municipal locations, food processors, landfills, wineries, breweries, and a variety of other high- and low-strength biodegradable wastewaters. AnAerobics is successfully treating domestic sewage anaerobically using the company's Mobilized Film Technology. The company's Complete Management System includes designing, building, owning, and operating all components necessary for successful, economical wastewater treatment.

AnAerobics has multiple contracts with a number of Fortune 500 companies. The company's power generation capabilities from current contracts are in excess of 1.5 MW.

Cornell Connection

The CEO, president, vice president for business development, and many board members are Cornell alumni. One of the company's founders is also a former staff member of Cornell's Department of Biological and Environmental Engineering. AnAerobics's technology was initially based on research conducted at Cornell.

CONQUERING A WORLD OF WASTE
AnAerobics

Employees
10

Revenue
>$500,000

Founded
1993

CEO
George Slocum

President
Edward Heslop

Animal Ultrasound Services, Inc. (AUS)

A Cornell Business and Technology Park Company

AUS develops and distributes software programs for computer analysis and interpretation of ultrasonic images of live animals and carcasses. The company is a sales distributor of real-time ultrasonic equipment and associated accessories to universities, seed stock suppliers, producers, and meat packers for evaluation, selection, and value-based marketing of live animals and carcasses. AUS also provides consulting services for domestic and international customers.

Cornell Connection

The company's president is a professor emeritus in the Department of Animal Science. The company's director of research and development received advanced degrees from the same department.

Langmuir Laboratory
Box 1035
95 Brown Road, Suite 248
Ithaca, NY 14850
(607) 257-7649
Fax: (607) 257-7649
aus@auskey.com
http://www.auskey.com

Employees
4

Revenue
N/A

Founded
1990

President
James R. Stouffer, Ph.D.

Software and real-time ultrasound and associated equipment for live animal and carcass evaluation

Animusic

317 Nye Road
Cortland, NY 13045
(607) 756-0190
info@animusic.com
http://www.animusic.com

Animusic produces unique digital content: music-driven animation. Combining computer graphics animation and music synthesis results in animated instruments on the video screen that appear to play themselves.

Through algorithms developed over many years, much of the animation is automated by processing MIDI (Musical Instrument Digital Interface) data. This allows many of the animation parameters to be generated automatically, where using manual computer animation techniques would take prohibitively long, and not yield accurate results.

Animusic targets the home video market with their video albums on DVD and VHS. The content is enjoyed by an unusually diverse audience.

Cornell Connection

Animusic's founder and president is a graduate of Cornell's Program of Computer Graphics who joined the Cornell Theory Center staff as a scientific visualization producer in 1988. Animusic has been a member of the Theory Center's Corporate Partnership Program, and it has used Theory Center computational and video resources for various elements of production.

animusic™

Employees
2

Revenue
N/A

Founded
1996

President
Wayne Lytle

Music-driven computer graphics animation

Applied Pulsed Power, Inc. (APP)

A Cornell Business and Technology Park Company

The mission of Applied Pulsed Power is the development of products for industrial applications where pulsed power technology has compelling advantages over existing methods. APP develops intense ion beam technology for industrial surface treatment. The company also designs and supplies prototype systems including high-peak power pulse generators, pulsed high-magnetic field coils, and high-speed gas valves. APP performs contract research and development in pulsed power and plasma physics.

Cornell Connection

Cornell faculty and staff members founded APP. Research performed at Cornell's Laboratory of Plasma Studies formed the basis of the company's product line.

Langmuir Laboratory
Box 1020
95 **Brown Road, Suite** 207
Ithaca, NY 14850-1257
(607) 257-1971
Fax: (607) 257-5304
app@epix.net

Employees
5

Revenue
N/A

Founded
1990

President
Steven Glidden

BinOptics Corporation

15 Thornwood Drive
Ithaca, NY 14850
(607) 257-9135
Fax: (607) 257-9753
info@binoptics.com
http://www.binoptics.com

A Cornell Business and Technology Park Company

BinOptics is a pioneer in next-generation optical devices based on leading-edge semiconductor innovations. The company's proprietary technology places it in a unique position to address the challenges facing the rapidly growing optical components industry.

Cornell Connection

The company's CEO earned a Ph.D. from Cornell's School of Electrical Engineering. The company also uses the resources of the Cornell Nanofabrication Facility.

BINOPTICS

Employees
10

Revenue
N/A

Founded
2000

CEO
Alex Behfar, Ph.D.

Bionexus, Ltd.

30 **Brown Road,** #3
Ithaca, NY 14850
(607) 266-9492
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info@bionxs.com
http://www.bionxs.com

A Cornell Business and Technology Park Company

Bionexus is a company with focus on the development, marketing, and selling of dietary supplements to the medical community, specializing in the treatment of HIV patients. Over the last three years, the company has established a reputation of strong scientific knowledge and integrity in the HIV medical community. Bionexus's first product, NutriVir™, was introduced in January 1998.

Cornell Connection

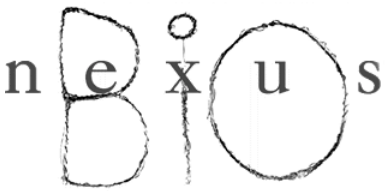
Bionexus was co-founded by a former Cornell professor of pharmacology from the College of Veterinary Medicine and past founder, president, and CEO of Paracelsian, a Cornell technology transfer company, and by a Cornell advanced degree alumna.

Employees
2

Revenue
$730,000

Founded
1997

President and CEO
Linda M. Pacioretty, Ph.D.



BioWorks, Inc.

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(315) 781-1703
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http://www.bioworksbiocontrol.com

BioWorks is a leading supplier to the agriculture industry of biological control products and biotechnologies that enhance plant health, plant productivity, and consumer and worker safety.

Cornell Connection

The company's core technologies were developed at Cornell, and the principal investigator of BioWorks's core technologies is a Cornell faculty member. BioWorks licenses technology from the Cornell Research Foundation.

BioWorks, Inc.
The BioControl Company

Employees
15

Revenue
N/A

Founded
1993

President and CEO
William J. Foster

RootShield, PlantShield, T-22 Planter Box, TurfShield, RootShield Home & Garden

Calient Optical Components

22 **Thornwood Drive**
Ithaca, NY 14850-1263
(607) 257-1525
Fax: (607) 257-1612
contactus@calient.net
http://www.calient.net

A Cornell Business and Technology Park Company

Calient Optical Components, a wholly owned subsidiary of Calient Networks, Inc., of San Jose, California, develops and manufactures optical MEMS (microelectromechanical systems). Single-crystal silicon MEMS, including mirror arrays, lenses, and fiber alignment plates, are fundamental components in Calient's all-optical switching systems.

The Calient Optical Components subsidiary was formed in January 2001 following Calient's acquisition of Kionix, Inc. Calient Optical Components's MEMS expertise, coupled with the resources of Calient's world-class Photonics Design Center in Santa Barbara, California, provides the leading-edge optical subsystem used in Calient's DiamondWave™ photonic switches. The 7,000-square-foot cleanroom in Ithaca, New York, houses comprehensive fabrication capabilities ranging from optical lithography to high-density reactive ion etching to wafer-level packaging and dicing. In addition to its captive supplier role, Calient Optical Components is developing a portfolio of optical component products available for sale to third parties. A key accomplishment is the development of the micromechanical optical mirror array technology.

Cornell Connection

Calient Optical Components's microelectromechanical technology originated with research done in Cornell's School of Electrical Engineering. As part of the acquisition of Kionix, Calient assumed ownership or exclusive rights to nearly 80 MEMS patents and patent applications. The president/CEO and executive vice president, as well as a number of employees, are Cornell graduates.

Employees
37

Revenue
N/A

Founded
2001

President
Gregory J. Galvin, Ph.D.

Calient™
OPTICAL COMPONENTS

The CBORD Group, Inc.

61 **Brown Road**
Ithaca, NY 14850-1247
(607) 257-2410
Fax: (607) 257-1902
jea@cbord.com
http://www.cbord.com

A Cornell Business and Technology Park Company

The CBORD Group is a worldwide provider of foodservice and nutrition services software and systems for campus-wide ID card programs, housing management, and cashless dining. CBORD systems are used in colleges and universities, hospitals and nursing homes, business foodservices, correctional institutions, restaurants, grocery stores, theme parks, casinos, and even at the Olympic games. CBORD develops, markets, sells, installs, and supports its base of more than 4,000 clients from its headquarters in Ithaca. Additionally, CBORD hosts two annual User Group Conferences in Ithaca, attracting more than 500 participants annually. CBORD's information systems and services improve the operating performance and competitive advantage of its customers.

Cornell Connection

The company's president and founder is an alumnus of Cornell's College of Arts and Sciences and the S. C. Johnson Graduate School of Management. The CBORD Group grew out of a set of programs designed by the company's president while a graduate student working in Cornell Dining.

CBORD
Celebrating 25 Years

Employees
240

Revenue
$24 million

Founded
1975

President
John E. Alexander

Information systems and services for the food and institutional services market

Concept Systems, Inc. (CSI)

CSI creates team intelligence by combining the knowledge, information, and beliefs of stakeholders to answer mission-critical questions, frame an action plan, and assess progress, performance, and success. CSI's products and services enable awareness of issues, shared agreement, and commitment to action on the issue. Clientele include federal agencies, corporations, and small companies and organizations.

Cornell Connection

The software was created by a Cornell professor in the Department of Policy Analysis and Management in the College of Human Ecology, who also co-founded the company.

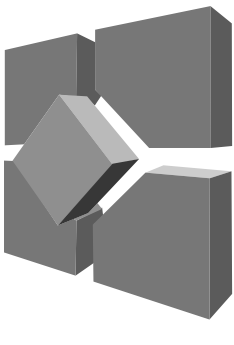
118 Prospect Street, Suite 309
Ithaca, NY 14850
(607) 272-1206
Fax: (607) 272-1215
mkane@conceptsystems.com
http://www.conceptsystems.com

Employees
7

Revenue
N/A

Founded
1994

President
Mary Kane



The Concept System®, The CS Application Suite™, CSGlobal™, CS Reporter™, CSKWIC™, consulting, research services, training

Conceptual Reality Presentations, Inc. (CRPInc)

30 W. Meadow Drive
Ithaca, NY 14850-9015
(607) 257-8335
crp11@cornell.edu

CRPInc provides experienced consulting and production of data-based computer graphic images for analysis, videotape and web animation for presentation, and special effects graphics for marketing. The company's specialty is the conceptualization and conversion of technical data for high-tech businesses and industries. Data of any size or complexity can be transformed into meaningful graphic imagery and animation for in-house analysis and for presentation to clients and customers. CRPInc produces broadcast-quality video productions for any business application, and provides special effects animations to other media producers. The company's goal is to make complexity comprehensible.

Cornell Connection

CRPInc's corporate partnership with the Cornell Theory Center provided the company with access to state-of-the-art scientific visualization computing equipment, and video production facilities. The principals are Cornell graduates and long-time staff members. The company's president has 11 years of experience as a scientific visualization producer at the Cornell Theory Center.

Computer graphic animations and images derived from technical data

CONCEPTUAL REALITY PRESENTATIONS • INC.

Employees
2

Revenue
N/A

Founded
1995

Vice President/Visual Producer
Chris Pelkie

Cummins Nursery, Inc.

Cummins Nursery is focused on the production of disease-resistant apple and pear trees from breeders at the Cornell Agricultural Experiment Station, Geneva, and other institutions, and the production of the new disease-resistant apple rootstocks developed by the Cornell-Geneva breeding team. The nursery also produces heirloom apple varieties; cherry trees, including the new self-fertile varieties from Cornell-Geneva; fire-blight resistant pears; and the newest varieties of plums.

Cornell Connection

The owner's father was the apple rootstock breeder at the Cornell Agricultural Experiment Station in Geneva for 30 years, and was part of the team that developed the Geneva series of resistant rootstocks. Cummins Nursery licenses the Geneva apple rootstock series. The owner maintains close contacts with Cornell faculty and research pomologists at Geneva.

1408 **Trumansburg Road**
Ithaca, NY 14850
(607) 273-9544
18 **Glass Factory Bay**
Geneva, NY 14456
(315) 789-7083
jmc1@epix.net
http://www.cumminsnursery.com

Employees
3

Revenue
N/A

Founded
1993

Owner
Stephen T. Cummins

Data Description, Inc.

840 **Hanshaw Road, Suite** 9
Ithaca, NY 14850
(607) 257-1000
Fax: (607) 257-4146
sales@datadesk.com
http://www.datadesk.com

Data Description is a software development company. Its Data Analysis Unit develops and sells tools for data visualization, data exploration, and statistical analysis. Products include Viz!on, a data visualization add-in for Excel; Data Desk/XL, a statistics add-in for Excel; Data Desk/Healthcare, a set of data exploration tools for the healthcare industry; and Data Desk, the company's flagship data exploration and statistical analysis product.

Data Description's Computer-Based Training Unit develops and sells multimedia education software. Products include ActivStats, ActivStats for Excel and ActivStats for SPSS, multimedia introductory statistics courses; ActivEpi, an introductory epidemiology course; and ProgramLive, an introductory computer programming course.

Cornell Connection

The company's CEO is a Cornell professor in the Department of Social Statistics. The COO graduated from Cornell's S. C. Johnson Graduate School of Management.

Employees
9

Revenue
N/A

Founded
1985

CEO
Paul F. Velleman, Ph.D.

COO
John C. Sammis

Statistics and education software

DatapointLabs

A Cornell Business and Technology Park Company

DatapointLabs was started in 1995 as Datapoint Testing Services, a testing laboratory committed to meeting the materials property needs of engineers who were designing with plastics. Today, DatapointLabs is the number one materials testing laboratory for the product development community, with expertise in plastics, rubber, food, ceramics, and metals. The company's name is synonymous with on-time delivery of precision, design-quality materials properties.

DatapointLabs is a leader in the generation of analysis-ready input materials properties for structural analysis, computational fluid dynamics, and process simulations. Its TestPaks provide design analysts with the unparalleled convenience of "load & go" materials models for more than a dozen CAE programs. DatapointLabs has a loyal customer base of more than 200 companies from every industry segment where quality product development occurs: automotive, aerospace, biomedical, consumer products, food, and toys.

Cornell Connection

The company was founded by Cornell alumni. DatapointLabs also works with Cornell researchers and scientists on long-term projects.

Langmuir Laboratory
Box 1017
95 **Brown Road, Suite** 164
Ithaca, NY 14850
(607) 266-0405
Fax: (607) 266-0168
lobo@datapointlabs.com
http://www.datapointlabs.com

Employees
10

Revenue
N/A

Founded
1995

President
Hubert Lobo

DATU, Inc.

122 N. Genesee Street
Geneva, NY 14456
(315) 787-2240
Fax: (315) 787-2397
tea2@nysaes.cornell.edu
http://www.nysaes.cornell.edu/datu

CharmAnalysis™ is DATU's technology. It is a proprietary gas chromatography-olfactometry (GCO) system that measures the odor-activity of chemicals. Chromatograms can be produced from extracts of foods, and both quantitative and qualitative descriptions of the chemical components that cause smell can be produced.

Cornell Connection

CharmAnalysis™ was developed in the Flavor Chemistry Laboratory at the Cornell Agricultural Experiment Station in Geneva, New York, which is part of the College of Agriculture and Life Sciences. The company's principals are employees or former employees of Cornell. DATU has licensed technology from the Cornell Research Foundation and expects to license more technology in the future.

DATU Inc.
Technology Transfer

Employees
2

Revenue
N/A

Founded
1989

President
Terry Acree, Ph.D.

Digicomp Research Corporation

Digicomp Research Corporation undertakes government contract research and development in computer and other electronic hardware and software.

Cornell Connection

Digicomp was founded by Cornell alumni, and the company uses Cornell faculty members as consultants.

930 **Danby Road**
Ithaca, NY 14850-5720
(607) 273-5900
Fax: (607) 273-8779
webmaster@digicomp.com
http://www.digicomp.com

Employees
40

Revenue
N/A

Founded
1975

President
Om P. Gupta

DIGICOMP RESEARCH

DLtech, Inc.

Langmuir Laboratory
Box 1003
95 Brown Road, Suite 244
Ithaca, NY 14850
(607) 266-6401
Fax: (607) 266-7037
DLtech@clarityconnect.com

A Cornell Business and Technology Park Company

DLtech serves agriculture through leading-edge electrotechnology. The company provides engineered electrotechnology, research, and educational services that enable farmers to produce a better product, conserve energy, and improve profitability.

Cornell Connection

The company's president is a retired faculty member in Cornell's Department of Biological and Environmental Engineering.

DLtech

Employees
3

Revenue
N/A

Founded
1996

President
David C. Ludington, Ph.D.

Environmental Associates, Ltd.

24 **Oakbrook Drive**
Ithaca, NY 14850
(607) 272-8902
Fax: (607) 256-7092
info@eal-labs.com
http://www.eal-labs.com

Environmental Associates serves the drinking water and wastewater industries with testing and research on waterborne pathogens, including enteric viruses and parasites such as *Giardia* and *Cryptosporidium*. The testing is used in a wide variety of circumstances, from watershed monitoring to the development of new water treatment processes and devices. Since its inception, the company has been active in the development of improved testing methods. Environmental Associates uses Good Laboratory Practices (GLP) for its contract research. The company is 8(a) Small Disadvantaged Business (SDB) and Woman Business Enterprise (WBE) classified for federal contracts.

Cornell Connection

Environmental Associates collaborates with Cornell researchers through grants from Cornell's Center for Advanced Technology (CAT) in Biotechnology to develop innovative assays for pathogens of environmental concern. The Ithaca area provides a unique location rich in resources with a highly skilled labor force critical to the expansion and diversification of the company.

Employees
15

Revenue
N/A

Founded
1987

President
Susan N. Boutros, Ph.D.

ENVIRONMENTAL ASSOCIATES LTD.

Environmental microbiology, virology, molecular diagnostics (PCR), and protozoology testing services and product testing

Etron, Inc.

P.O. Box 4645
Ithaca, NY 14852-4645
999 Peru Road, Route 38
Groton, NY 13073
(607) 266-0686
Fax: (607) 266-0685
etroninc@aol.com

Etron develops, manufactures, and markets microcomputer control systems for dairy farms. The company's PumpMaster™ vacuum control system saves dairy farms up to 80 percent of electric energy on vacuum pumps. Etron is researching and developing other smart control systems.

Cornell Connection

The company president, an alumnus of Cornell, was a research associate in Cornell's Department of Biological and Environmental Engineering.

Employees
5

Revenue
N/A

Founded
1997

President
John F. Guo, Ph.D.

PumpMaster™, DataMaster™, VacuMaster™

Fingerlakes Aquaculture, LLC

Fingerlakes Aquaculture is a high-tech seafood production and processing company specializing in indoor recirculating aquaculture. The Groton, New York, facility, approximately 40,000-square-feet in area, has a production capacity of 1.25 million pounds of tilapia (*Oreochromis niloticus*) per year. Currently, Fingerlakes Aquaculture is selling all of its tilapia product to the live market with the long-term goal of selling processed tilapia fillets into the mainstream U.S. whitefish market.

Cornell Connection

Fingerlakes Aquaculture utilizes technologies and techniques that were developed by the Cornell Aquaculture Program. The company's founder and scientific adviser is a faculty member in Cornell's Department of Biological and Environmental Engineering.

P.O. Box 126
502 **Cortland Road**
Groton, NY 13073
(607) 898-7684
Fax: (607) 898-3912
http://www.indoorfish.com

Employees
9

Revenue
>$500,000

Founded
1996

President and COO
David M. Belcher

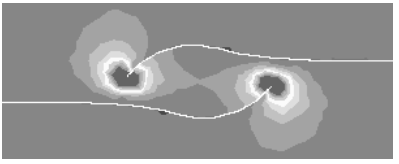
Fracture Analysis Consultants, Inc. (FAC)

121 Eastern Heights Drive
Ithaca, NY 14850-6345
(607) 257-4970
Fax: (607) 257-4970
ari1@cornell.edu
http://www.cfg.cornell.edu

FAC provides computer-based failure analysis, product and process redesign, and life-prediction capabilities to the aerospace, turbomachinery, petrochemical, and automotive industries. The company has unique finite and boundary element–based software for simulating the initiation and propagation of cracks in metallic, concrete, rock, and composite structures. The company's signature service is interactive consulting in which FAC works to educate engineering and management personnel in the underlying principles and use of the company's software, while also assisting in the solution for the target problem. FAC is also developing commercial state-of-the-art simulation software for the U.S. Navy and Air Force.

Cornell Connection

A Cornell faculty member and two former doctoral students founded the company. Research from Cornell continues to add to the company's knowledge and experience. Cornell research also inspired commercial versions of the software.



Employees
3

Revenue
N/A

Founded
1988

President
Anthony R. Ingraffea

Engineering consulting and computer software

Gene Network Sciences, Inc. (GNS)

2359 **N. Triphammer Road**
Ithaca NY 14850
(607) 257-0332
Fax: (607) 257-5428
colin@gnsbiotech.com
http://www.gnsbiotech.com

GNS is a visionary computational biotechnology company positioned to impact pharmaceutical drug discovery. The GNS technology platform combines tools and methods from theoretical physics, molecular biology, chemistry, chaos theory, computer science, and bioinformatics to systematically integrate data from molecular biology, genomics, and proteomics into data-driven predictive computer models that are refined and validated in the wet lab. With patented methods and software from Cornell University and Princeton University, GNS has created technology platforms for the mathematical and computational modeling of the genetic and biochemical networks of disease (Digital Cell™, Diagrammatic Cell Language™, Cell Object Language™, and Math Cell™) and for data mining and bioinformatics approaches (BioMine™). These computer modeling platforms and bioinformatics tools are combined with quantitative experiments to create the GNS Digital Disease Models™ to aid drug discovery for specific diseases.

GNS technology fills the critical gap that connects DNA sequence to disease. GNS technology will save pharmaceutical and biotech companies billions of dollars and will enable the rapid discovery of drugs by prioritizing new drug targets and lead compounds.

The company completed the beta version of BioMine™ and shipped the test version September 2001.

Cornell Connection

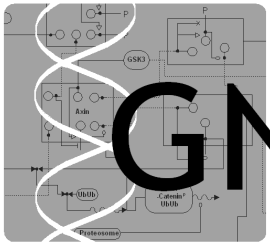
Gene Network Sciences, Inc., was founded by two Cornell physics graduate students and was aided by Cornell faculty and an alumnus. The company has extensive interactions with Cornell faculty from many different departments.

Employees
21

Revenue
N/A

Founded
2000

CEO/President
Colin Hill



GNS

BioMine 1.0™, Digital Cell™, Diagrammatic Cell Language™

Genex Cooperative, Inc.

P.O. Box 5518
Ithaca, NY 14852-5518
(607) 272-2011
Fax: (607) 272-3928
info@crinet.com
http://www.crinet.com

Genex supplies dairy and beef cattle genetics—semen and breeding service—to dairy and beef producers throughout the world. This member-owned farmer cooperative has 20,000 members and thousands of nonmember patrons. Genex is a subsidiary of Cooperative Resources International, a Wisconsin-based holding cooperative.

Cornell Connection

Genex funds research performed by the physiology group and the genetics group in Cornell's Department of Animal Science, College of Agriculture and Life Sciences. Genex works closely with the veterinarians of the Large Animal Clinic of Cornell's College of Veterinary Medicine to monitor the health program and treat any health problems that occur within Genex's 800-animal herd. The company also works closely with the Diagnostic Laboratory to monitor the health program and to complete a comprehensive series of health tests on all of Genex's livestock.

Genex Cooperative, Inc.
A subsidiary of Cooperative Resources International

Employees
800
57 in Ithaca

Revenue
$66.6 million

Founded
1996

President
Dave Hileman

Dairy and beef cattle genetics

GrammaTech, Inc.

GrammaTech develops and markets programming environments that increase programmer productivity and reduce errors. Commercial products include the Synthesizer Generator, a CASE tool generator; Ada-ASSURED, a language-sensitive editor and coding standards enforcement tool for Ada programmers; and CodeSurfer, a software development and maintenance tool that lets engineers navigate and understand the detailed dependence relations in source code.

Cornell Connection

GrammaTech is an outgrowth of more than 17 years of research in incremental computation and language-based environments at Cornell. The company was formed by a Cornell professor and a former doctoral student. GrammaTech continues to provide subcontracting and software for Cornell projects.

317 **N. Aurora Street**

Ithaca, NY 14850

(607) 273-7340

Fax: (607) 273-8752

info@grammatech.com

http://www.grammatech.com

Employees
14

Revenue
$1.5 million

Founded
1988

President
Tom Reps, Ph.D.

Engineering Manager
Paul Anderson, Ph.D.

GRAMMATECH, INC.

Software development and code transformation tools

H & I Agritech, Inc.

Langmuir Laboratory
Box 1030
95 Brown Road, Suite 217
Ithaca, NY 14850
(607) 266-0181
Fax: (607) 266-0193
rkh1@cornell.edu

A Cornell Business and Technology Park Company

H & I Agritech appraises, manages, and conducts basic and applied research in agriculture, biology, and the environment. The company strives to uncover new knowledge and skills that will profit agriculture and improve the well-being of all people. The discovery, development, and marketing of new products resulting from the knowledge is the vehicle for rewarding the company's investors, and for contributing to the economic development of the community and the welfare of the ecology.

Cornell Connection

The company is a spin-off of Cornell research on biocompatible chemicals for controlling plant diseases and pests. The company's president is a professor emeritus in the Department of Plant Pathology.

Employees
5

Revenue
N/A

Founded
1992

President
R. Kenneth Horst, Ph.D.

Harvester Technology, Inc. (HTI)

HTI develops, manufactures, and markets laboratory equipment. Harvester's first product was the Matrix Mill, a device that reduces by 95 percent the time required to extract PCR-ready DNA from plant and animal tissue. Other products now available are an optical interface replacement for optical spectrometers, which increases their performance, and a device that improves the safety and quality of cutting thin material for end grain inspection. A common denominator of Harvester's products is that they apply technology to solve problems documented in the laboratory market.

104 **Sperry Lane**

Lansing, NY 14882-8861

(607) 533-4018

Fax: (607) 533-4018

rw19@cornell.edu

http://home.tweny.rr.com/htihome

Cornell Connection

HTI's founder and president is a former faculty member of Cornell's Sibley School of Mechanical and Aerospace Engineering. A co-inventor of the Matrix Mill is also a former Cornell faculty member; the inventor of the optical interface is a Cornell staff member and graduate student. HTI has licensed both technologies from Cornell University.

Employees
2

Revenue
N/A

Founded
1999

President
Richard H. J. Warkentin, Ph.D.

DNA isolation, optical interface, and cutting system equipment

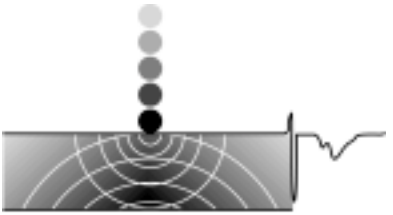
Impact-Echo Consultants, Inc.

P.O. Box 3871
Ithaca, NY 14852-3871
(607) 257-3390
Fax: (607) 257-3390
wbs3@cornell.edu
http://www.impact-echo.com

Impact-echo is an acoustic, nondestructive method for locating internal cracks and other flaws in concrete structures, including bridges, highways, dams, buildings, and tunnels. Impact-Echo Consultants conducts seminars and short courses on the impact-echo method; carries out computer simulation studies related to impact-echo testing; performs exploratory field testing; and develops software for impact-echo testing.

Cornell Connection

The impact-echo method was invented by a Cornell professor of civil and environmental engineering during graduate study at Cornell. The patent for a portable impact-echo field unit is owned by Cornell. The company's president is dean of engineering emeritus.



Employees
1

Revenue
N/A

Founded
1994

President
William B. Streett, Ph.D.

Impact-echo technology and software for nondestructive testing of concrete and masonry structures

Impact-Echo Instruments, LLC

Impact-echo is an acoustic, nondestructive test method for locating cracks, voids, and other flaws in plain, reinforced, and post-tension concrete and masonry structures, including bridges, highways, dams, buildings, and tunnels. It can also make accurate measurements of the thickness of concrete slabs, such as highway pavements, floors, and retaining walls. Impact-Echo Instruments manufactures and sells portable, computer-operated, impact-echo test systems for on-site testing and evaluation of concrete and masonry structures.

Cornell Connection

The impact-echo method was invented and perfected by a professor of civil and environmental engineering. The president of Impact-Echo Instruments is dean of engineering emeritus at Cornell, and is the author of the software used with the test systems marketed by the company.

P.O. Box 3871
Ithaca, NY 14852-3871
(607) 257-3390
Fax: (607) 257-3390
wbs3@cornell.edu
http://www.impact-echo.com

Employees
3

Revenue
N/A

Founded
1994

President
William B. Streett, Ph.D.

Vice President
Charles M. Curley

IEI *Impact-Echo Instruments, LLC*
Ithaca, New York

Portable, computer-operated test systems for concrete and masonry structures

IMR Test Labs

131 Woodsedge Drive
Lansing Business and Technology Park
Lansing, NY 14882
(607) 533-7000
Fax: (607) 533-9210
imr@imrtest.com
http://www.imrtest.com

A division of Ithaca Materials Research and Testing, IMR Test Labs is a material and product testing laboratory specializing in chemical analysis of all alloy types; metallurgical analysis; mechanical testing and physical analysis; failure and defect analysis; plating and coating analysis; salt spray corrosion testing; polymer and nonmetallic properties; microelectronics analysis; and benchmarking of competitive products. IMR has experienced three consecutive years of dynamic growth.

IMR is certified by the Performance Review Institute to the strict requirements of NADCAP, the National Aerospace and Defense Contractors' Accreditation Program, and the American Association for Laboratory Accreditation (A2LA), which certifies that the lab is compliant to ISO guide 25; it is recognized by many ISO organizations, including the big three automakers. IMR is recognized and accredited by companies such as Boeing, Pratt & Whitney, Lockheed Martin, Parker Hannifin, Bombardier Aerospace, GE Aircraft Engines, Learjet, Schweizer Aircraft, and the nuclear industry to the NQA-1 standard.

Cornell Connection

The company's president, a Cornell graduate, founded the company while doing consulting at Cornell. It was originally started at Langmuir Laboratory, Cornell Incubator. IMR Test Labs has performed research at the Cornell Nanofabrication Facility and is involved in the Entrepreneurship and Personal Enterprise Program, working with undergraduate and graduate students.

IMR TEST LABS

Employees
36

Revenue
N/A

Founded
1984

President
Steve Ruoff

Failure analysis and material testing laboratory

INCODEMA, Inc.

Langmuir Laboratory
Box 1016
95 Brown Road, Suite 167
Ithaca, NY 14850
(607) 257-0956
Fax: (607) 257-0957
sales@incodema.com
http://www.incodema.com

A Cornell Business and Technology Park Company

INCODEMA manufactures accurate, detailed, sheet metal prototypes extremely rapidly using computer-aided stamping technology. The company's CNC precision workstation, in combination with state-of-the-art CAD software, makes expensive and time-consuming tooling unnecessary. Miniature components are a specialty. INCODEMA also offers mechanical CAD and design services.

INCODEMA can produce prototypes in a wide range of materials, from carbon steel to plastics, incorporating operations such as contouring, embossing, riveting, and more. INCODEMA delivers quality and speed to its product development customers, including Borg Warner, Siemens, Motorola, and Eaton.

Cornell Connection

INCODEMA's location allows the company to pursue present and future opportunities to work with Cornell both as a resource and a client.

Employees
3

Revenue
N/A

Founded
2000

President
Sean E. Whittaker

INCODEMA *rapid prototype manufacturing*

Innovative Dynamics, Inc. (IDI)

2560 N. Triphammer Road
Ithaca, NY 14850-1252
(607) 257-0533
Fax: (607) 257-0516
idi@idiny.com
http://www.idiny.com

Innovative Dynamics is a technology development and engineering services company with expertise in electronics, sensors, signal processing, and electromechanical systems. IDI was founded in 1988 to develop intelligent transportation systems for improved aircraft and ground vehicle safety, especially when operating in hazardous winter weather conditions.

IDI has developed numerous innovative applications of its technology under contract from various government customers through Small Business Innovative Research (SBIR) grants, state-sponsored research, and private companies. These technologies have significant application to the transportation industry.

IDI's vision is to work with strategic manufacturing partners to develop the technologies into salable products.

Some of IDI's key accomplishments include the invention of a "smart" rubber deicing boot, an "all metal" expulsive deicer boot (first to fly), a "shape memory alloy" deicer for helicopters (first to test), and pattern recognition software for finding mechanical defects and delaminations in structures. The company developed a sensor to measure meteorite impacts (currently flying on STRV2 satellite), developed acoustic sensors that measure aerodynamic flow around vehicles, and deployed IR sensors to detect highway snow and ice.

Cornell Connection

The company's proximity to the university provides opportunities to use Cornell as a resource.

Employees
20

Revenue
N/A

Founded
1986

President
Joseph J. Gerardi

Insights International, Inc.

P.O. Box 6401
Ithaca, NY 14851-6401
(607) 564-9422
Fax: (607) 564-9566
phw1@cornell.edu
http://www.electronranch.com

Insights International is a documentary and interactive media design company specializing in technology transfer, science education, engineering subjects, and children's programming.

Insights produces videotapes, builds websites, and produces video and audio for websites as well as for other delivery systems. All production services feature the current broadcast formats: Betacam SP including 16/9 widescreen, Digital Betacam, and both off-line and on-line digital postproduction. Insights offers a full range of production services, from design, scripting, and shooting to on-line editing to standards conversion and duplication.

Having two locations, Ithaca and New York City, allows the company to better serve both the local and international needs of clients.

Cornell Connection

The company's proximity to the university enables its staff to use Cornell as a resource, as well as to recruit the university as a client. The two principals of the company are Cornell science graduates. The original concepts for technology transfer resulted from the academic research of one of the company's principals.

Employees
2–5

Revenue
N/A

Founded
1982

President
Ann Michel

Vice President
Philip Wilde

Insights International, Inc.

InterLex Associates, Inc.

Langmuir Laboratory
Box 1021
95 Brown Road, Suite 201
Ithaca, NY 14850
(607) 257-8663
Fax: (607) 257-5226
sola@interlexithaca.com
http://www.interlexithaca.com

A Cornell Business and Technology Park Company

InterLex Associates markets the InterLex Lab for Windows 95/98, a versatile design for enhancing second-language writing skills and "knowledge-base" building at all levels. Currently available for Spanish, Portuguese, and English, 30-day shareware copies and online individual and site licensing are downloadable from the InterLex website.

The program combines a second-language word processor with powerful tools to add words, examples, and word families of particular interest to the learner. Innovative export/import features create tradable database-enrichment modules for cooperative local-network or Internet projects. "WinSalsa," for Spanish, and "WinColega," for Portuguese, contain rich help files and dictionary and example translations in English. With a significant design improvement for English as a second language, "WinFriends: Building Your English Knowledge-Base" allows users to supply translation equivalents and prepare help files in any language within the range of the Windows International English Keyboard Layout, including Spanish, Portuguese, French, German, and numerous others, thus intending to reach out to a worldwide market.

Cornell Connection

The company's president is professor emeritus of modern languages and linguistics at Cornell. InterLex originated from prize-winning foreign language learning software developed at Cornell.

INTERLEX ASSOCIATES INC.

Employees
2

Revenue
N/A

Founded
1989

President
Donald F. Solá, Ph.D.

Foreign language learning software

International Food Network, Inc.

A Cornell Business and Technology Park Company

The International Food Network serves the international food and beverage industry, including ingredient manufacturers and consumer products companies. The company is a comprehensive product development laboratory. Services include concept and prototype development, process development and scale-up, commercialization, ingredient development and substitution, line extensions, product and process cost efficiencies, quality improvement, accelerated shelf-life testing, sensory testing and analysis, consumer testing, and naturalization.

The company, with three Cornell graduates, launched International Food Network, Ltd., in England in 1999. This recent venture currently has 12 employees and $1 million in revenue.

Cornell Connection

Many of the company's employees are Cornell graduates. The company also utilizes Cornell's Department of Food Science research facility.

Langmuir Laboratory
Box 1010
95 **Brown Road, Suite** 135
Ithaca, NY 14850
(607) 257-5129
Fax: (607) 257-4695
info@intlfoodnetwork.com
http://www.intlfoodnetwork.com

Employees
20 in Ithaca
12 in the United Kingdom

Revenue
$3.5 million

Founded
1987

President
Peter M. Salmon

THE INTERNATIONAL FOOD NETWORK, INC.

kahani.com, Inc.

P.O. Box 6733
Ithaca, NY 14851-6733
(607) 277-6470
Fax: (253) 981-1513
info@kahani.com
http://www.kahani.com

kahani.com is an Internet-based publishing company. Its mission is to bring entertaining stories inspired by India's rich culture to children around the world. The website, www.kahani.com, is the cornerstone of the company's operation. It showcases the talents of contributors and provides a meeting place for families to explore India. *How Baby Krishna Got His Blue* is a retelling of an ancient story in a version that is suitable for very young children.

Cornell Connection

Two of the three founders of kahani.com are graduates of the S. C. Johnson Graduate School of Management. They decided to launch kahani.com after they developed the business plan in an entrepreneurial course.

kahani.com

Employees
1

Revenue
N/A

Founded
1999

CEO
Binni Rana

KensaGroup, LLC

KensaGroup is an intellectual property (IP) development business dedicated to commercializing promising university-owned scientific discoveries in the fields of chemistry, biochemistry, chemical engineering, and computational modeling. KensaGroup's focus is on new technologies that meet a demand posed by looming economic or regulatory issues. KensaGroup's objective is to recognize novel technologies that may be developed from basic research. Then, KensaGroup provides the necessary scientific, professional, and financial bridges that lead from initial discovery to successful product development.

Cornell Connection

The company was founded by a Cornell graduate and a Cornell faculty member. KensaGroup originated with research conducted in the Department of Chemistry and Chemical Biology, which was licensed exclusively from the Cornell Research Foundation.

179 **Graham Road, Suite F**

Ithaca, NY 14850

(607) 257-6830

Fax: (607) 257-8523

info@kensagroup.com

http://www.kensagroup.com

Employees
4

Revenue
N/A

Founded
2001

President
Tony Eisenhut

Kionix, Inc.

36 **Thornwood Drive**
Ithaca, NY 14850-1263
(607) 257-1080
Fax: (607) 257-1146
info@kionix.com
http://www.kionix.com

A Cornell Business and Technology Park Company

Kionix designs and manufactures microelectromechanical devices. In this technology, microfabrication techniques are used to reduce mechanical components to the scale of microelectronics. The business strategy for Kionix is to exploit its MEMS technology across a wide array of market opportunities, ultimately building multiple individual business units in the most significant sectors. Over the past seven years, the company has focused on inertial sensors, data storage, and microfluidics.

Starting in 2000, Kionix added an effort in micromechanical components supporting optical switching. This latter activity resulted in the acquisition of the company by Calient Networks in December 2000. Prior to the acquisition, the inertial sensor, data storage, and microfluidic businesses were spun out to shareholders in a new company that will continue the Kionix name. A new 40,000-square-foot facility is currently under construction for Kionix in the Cornell Business and Technology Park.

Cornell Connection

Kionix's microelectromechanical technology originated with research done in Cornell's School of Electrical Engineering. Kionix has an exclusive license to the technology from the Cornell Research Foundation. The company also uses the semiconductor processing resources of the Cornell Nanofabrication Facility. The two founders and several employees are Cornell graduates.

Employees
16

Revenue
N/A

Founded
1993

CEO
John M. Galvin

LanguageLink

LanguageLink was created in 1998 to provide fast, high-quality translating services to university presses, publishing houses, corporations, and individuals. Its services cover all steps, from manuscript preparation to final production. The company specializes in generating, translating, editing, copy-editing, and formatting documents. Its personnel have varied experience in trade and educational publishing.

Cornell Connection

LanguageLink was founded by Cornell staff and alumni. Cornell is both a resource for the company and a client of the company.

1 Winthrop Place
Ithaca, NY 14850
(607) 266-6435
lang4link@aol.com
http://interlakes.com/languagelink

Employees
1

Revenue
N/A

Founded
1998

President
Miguel Angel Piery

Life Network Engineering Technologies, Inc. (LifeNET)

210 Eddy Street
Ithaca, NY 14850-4614
(607) 275-9360
LifeNETinc@aol.com
http://www.child-abuse.com/lifenet/

LifeNET produces and delivers Internet products and information services for professionals in health and human services in the United States and around the world. LifeNET products provide solutions for persistent and pernicious problems in our human environment, beginning with the identification, prevention, and treatment of child abuse and neglect. Target markets served include health and medicine, human services, law enforcement, and education. LifeNET is the only worldwide provider of 100 percent Internet-based resources in the field of child abuse and neglect. It is a global leader in knowledge acceleration in the medical aspects of child abuse.

In 2000, more than 300,000 people in 85 countries used LifeNET's child abuse prevention resources. Private membership subscription services, Internet development contracts, and corporate sponsorships and endorsements provide the revenue of the corporation. LifeNET's strategic approach to Internet enterprise is easily adapted to the needs of a variety of related markets.

Cornell Connection

From 1995 to 1999, LifeNET collaborated with Cornell's internationally respected Family Life Development Center (FLDC) in the creation and support of early efforts at child abuse prevention on the Internet. FLDC continues to be a key partner and member of LifeNET's Child Abuse Prevention Network. Cornell is a major resource to LifeNET for collaborative research and development.

LifeNET
LIFE NETWORK
ENGINEERING TECHNOLOGIES, INC

Employees
5

Revenue
N/A

Founded
1995

Chair and CEO
Herbert O. Truesdale

Executive Vice President
Thomas P. Hanna

Marmotech, Inc.

4 **Sunny Knoll**
Ithaca, NY 14850
(607) 275-9710
Fax: (607) 275-0907
ptenn1963@aol.com

Marmotech conducts research on viral hepatitis and focuses on the discovery and development of antiviral drugs. Collaborators include large pharmaceutical companies and early-stage U.S. and international biotechnology companies. The goal is to develop and improve methods for treatment and prevention of hepatitis B, C, and delta virus infections, cirrhosis of the liver, and primary liver cancer, among the most serious human diseases worldwide.

The company has become the world leader in the commercial use of the woodchuck in viral hepatitis research and in antiviral drug discovery and development.

Cornell Connection

In close collaboration with Cornell University scientists, a new class of compounds has been identified with potent antiviral activity against the hepatitis C virus family.

Employees
12

Revenue
N/A

Founded
1991

President
Priscilla A. Tennant

MARMOTECH
INCORPORATED

Cell-based systems and animal models for viral hepatitis research and relevant support services

Moldflow Corporation

31 Dutch Mill Road
Ithaca, NY 14850-9785
(607) 257-4280
Fax: (607) 257-6355
John_Wisor@Moldflow.com
http://www.moldflow.com

Moldflow is the world leader in process-wide solutions for optimizing the design and manufacture of plastic products. Moldflow's complete suite of software products provide the tools that allow companies to address plastic part design and manufacturing issues at the earliest possible stage to eliminate problems and costly downtime on the manufacturing floor. As the plastics product design and manufacturing industry becomes increasingly competitive, Moldflow continues to provide solutions that maximize productivity and profitability.

Moldflow has acquired C-MOLD and Branden Technologies, Inc. Moldflow is an IPO company (NASDAQ-MFLO).

Cornell Connection

Moldflow acquired C-MOLD in April 2000. C-MOLD, established in Ithaca in 1986, licensed the technology developed at the Cornell Injection Molding Program (CIMP), which applies scientific principles to the plastic injection molding process.

Moldflow Plastics Advisers™, Moldflow Plastics Insight (MPI™), C-MOLD 2000 EZ-Track™, Moldflow Plastics Xpert (MPX™), Shotscope™

Employees
270 worldwide
31 in Ithaca

Revenue
$39 million

Founded
1978

President
Marc J. L. Dulude

Moore Computer Consultants, Inc. (MCCI)

MCCI provides a full range of computer system tools and design services to suit high-volume consumer electronic and custom requirements. The company specializes in embedded computing applications. Such applications are found in USB (Universal Serial Bus) peripherals, PCMCIA host adapters, PDA's, GPS terminals, 1394 (Firewire), and satellite attitude control systems. MCCI also provides Windows 3.1/95/NT software design services as well as production management services.

Cornell Connection

MCCI's manager of operations is an alumnus of Cornell. The company's president has participated with Cornell in international and regional meetings.

3520 Krums Corners Road
Ithaca, NY 14850-9540
(607) 277-1029
Fax: (607) 277-6844
sales@mcci.com
http://www.mcci.com

Employees
26

Revenue
N/A

Founded
1977

President
Terrill M. Moore

MOORE COMPUTER CONSULTANTS INCORPORATED

Tools and design services for high-volume embedded computer systems

Multiwire Laboratories, Ltd.

Langmuir Laboratory
Box 1018
95 Brown Road, Suite 165A
Ithaca, NY 14850
(607) 257-3378
Fax: (607) 257-3378
salesinfo@multiwire.com
http://www.multiwire.com

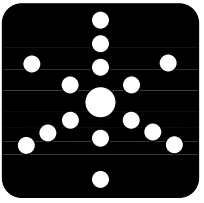
A Cornell Business and Technology Park Company

Multiwire Laboratories develops and manufactures products for rapid x-ray orientation of single crystals by Laue back-reflection method. Industrial and academic laboratories utilize the real-time detector, motorized orientation stages, and computer analysis of back-reflection images to characterize or determine the orientation of the lattice planes in a variety of crystal materials such as silicon, gallium arsenide, sapphire, geological minerals, and turbine blades.

Cornell Connection

The original technology was developed at Cornell under the company president's direction.

MWL 110 Real-Time Back-Reflection Laue camera system and accessories, MWL 400 ScanOrient Laue imaging analysis



Employees
2

Revenue
N/A

Founded
1981

President
Donald H. Bilderback, Ph.D.

Vice President
Margaret E. Rich

Nanofluidics, Inc.

17 Sheraton Drive
Ithaca, NY 14850-1677
(607) 257-5437
Fax: (607) 257-5437
sturner@nanofluidics.com
http://www.nanofluidics.com

Nanofluidics is a biotechnology company specializing in the use of nanofabrication techniques to enable new and better tools for bioanalysis and biopreparation. In addition to licensing technologies developed at the Cornell Nanobiotechnology Center, Nanofluidics is also taking advantage of the resources of the Cornell Nanofabrication Facility to develop new technologies. These include methods for separation and analysis of long-strand DNA, which provide up to 100-fold increase in performance over standard methods.

Cornell Connection

Both founders of Nanofluidics are Cornell graduates; one is a Cornell faculty member. The core technology on which the company is based was developed under the auspices of Cornell.

Employees
2

Revenue
N/A

Founded
2000

President
Stephen Turner, Ph.D.

NANOFLUIDICS, INC.

Nanofabricated tools for bioanalysis and biopreparation

Nutrimed Biotech

Langmuir Laboratory
Box 1037
95 Brown Road, Suite 275
Ithaca, NY 14850-1257
(607) 257-1166
Fax: (607) 257-1166
nutrimedbt@aol.com

A Cornell Business and Technology Park Company

Nutrimed Biotech specializes in research, development, and production of functional lipids, lipid-conjugates, and derived liposomal systems for the biotechnology, biomedical, cosmetic, nutrition, and related industries. The company markets novel proprietary technology and materials for controlled and targeted drug delivery, antigen presentation in diagnostics, and nutritional and cosmetic formulations. The company also markets phosphoinositides involved in intracellular signaling. Nutrimed Biotech undertakes contract research and development in all areas of chemistry and biotechnology of lipids.

Nutrimed has four U.S. patents, three pending patent applications, and several publications in the area of lipid transducers of cell signaling and drug delivery.

Cornell Connection

The founder of the company is a former visiting professor of biochemistry in Cornell's Section of Biochemistry, Molecular and Cell Biology. Nutrimed conducts collaborative research with Cornell and retains Cornell faculty members as consultants.

Liposomal systems; lipids, phospho-, cationic-, and PEG conjugates; phosphoinositides; contract R&D

Nutrimed Biotech

Employees
7

Revenue
N/A

Founded
1984

President
Rajindra Aneja, Ph.D.

Odyssey Research Associates (ORA)

A Cornell Business and Technology Park Company

ORA has more than 19 years of legacy providing its clients with state-of-the-art research and analysis in the areas of information security policy and architecture, intrusion detection, data integrity/assurance, vulnerability assessment, secure collaboration, object-based security, computer forensics, and mathematically based tool design. The company is a security architect for a major DARPA effort.

In July 1999, Architecture Technology Corporation (ATC), based in Minneapolis, Minnesota, acquired ORA. ATC is a leading provider of network-based products, services, and research.

Cornell Connection

ORA currently works with the Cornell Computer Science NUPRL group to provide formal analysis to help insure that a group communication protocol will have the right properties. The company has teamed with Cornell on several other research efforts.

33 **Thornwood Drive**
Suite 500
Ithaca, NY 14850-1250
(607) 257-1975
Fax: (607) 257-1972
ruk@oracorp.com
http://www.oracorp.com

Computer security and software, mathematically based design tools, network analysis products

Employees
80 parent company
15 in Ithaca

Revenue
$2 – 4 million

Founded
1982

President
Peter N. Rukavena

ODYSSEY RESEARCH ASSOCIATES
A Subsidiary of Architecture Technology Corporation

OptiGen®, LLC

767 Warren Road, Suite 300
Ithaca, NY 14850
(607) 257-0301
Fax: (607) 257-0353
genetest@optigen.com
http://www.optigen.com

A Cornell Business and Technology Park Company

OptiGen is a private veterinary laboratory that develops and provides DNA-based diagnostic testing services for animals, initially for inherited diseases of the eye in purebred dogs. OptiGen's services include genetic counseling based on the results of these tests. The information is used by breeders to help plan breeding schemes and by owners and veterinarians for the health care of pets. The current services are made available in the United States, primarily through kennel clubs, breeders, and veterinarians. Certain tests done exclusively by OptiGen are available internationally. The company has expanded its testing for diseases in 19 breeds of dog. OptiGen's goal is to expand into nonvision inherited diseases in dogs and into similar conditions in other animals, for example, cats.

Cornell Connection

The company's core tests for eye diseases in purebred dogs were developed at Cornell. Two of the company's principal founding members are faculty and staff at Cornell's James A. Baker Institute for Animal Health, College of Veterinary Medicine.

OPTIGEN llc

Employees
4

Revenue
N/A

Founded
1997

President
Jeanette S. Felix, Ph.D.

Genetic testing service for purebred dogs

Palisade Corporation

31 Decker Road
Newfield, NY 14867
(607) 277-8000
Fax: (607) 277-8001
palisade@palisade.com
http://www.palisade.com

Palisade Corporation brings the latest innovations in analytical software to clients around the world. The company released the world's first risk analysis add-in software, @RISK, in 1987. Since then, it has advanced the field of risk and decision analysis software with the DecisionTools® product line, including the DecisionTools Suite. Palisade's mass spectrometry division develops reference databases and software for mass spectrometry data systems.

Cornell Connection

Palisade works closely with faculty in Cornell's Department of Chemistry and Chemical Biology in developing mass spectrometry programs. Palisade also participates in the Co-operative Education Program of the College of Engineering, allowing engineering students to benefit from work experience in the software industry. In addition, the company holds software training seminars at the S. C. Johnson Graduate School of Management.

Employees
30

Revenue
N/A

Founded
1984

President
Sam McLafferty

Risk and decision analysis software, mass spectrometry data systems

Paracelsian, Inc.

Langmuir Laboratory
Box 1005
95 Brown Road, Suite 222
Ithaca, NY 14850
(607) 257-4224
Fax: (607) 257-2734
http://www.paracelsian.com

A Cornell Business and Technology Park Company

Paracelsian has developed a unique technology for the cost-effective analysis of very toxic substances known as dioxins and dioxin-like chemicals. Dioxins and dioxin-like chemicals are formed in combustion processes common to many industrial and waste incineration operations. As such, they have found their way into the environment and food chain. The global pollution monitoring market is $10 billion. Paracelsian will capture 10 percent of the market. The company signed a license agreement with the Kubota Corporation for the sale and distribution of the Ah-Immunoassay® kits in Japan.

Cornell Connection

Initial products of the company were developed using technologies based on Cornell's research and were licensed from Cornell. Each semester, Paracelsian works with Cornell MBA students.

PARACELSIAN

Employees
5

Revenue
$400,000

Founded
1991

President and CEO
T. Colin Campbell, Ph.D.

PhotoSynthesis Productions, Inc.

PhotoSynthesis Productions offers complete film, video, and QuickTime movie production services. The company's client list includes the National Geographic Society, national PBS-TV, Cornell University, and Ithaca-area businesses. PhotoSynthesis productions are supported by the National Science Foundation, the Ford Foundation, MetLife, and others. The company's nonlinear digital editing system is the most advanced of any available. It enables customized multiple-version productions for all means of distribution.

Cornell Connection

Two of the company's principals are Cornell graduates. Since its founding, PhotoSynthesis has produced all of Cornell's university-wide recruitment films. The company has close ties with many Cornell faculty and staff members, who have been resources as well as clients.

418 **N. Tioga Street**

Ithaca, NY 14850-4229

(607) 272-4242

Fax: (607) 272-4241

dhg2@cornell.edu;
info@film-video.com

http://www.film-video.com

Employees
7

Revenue
N/A

Founded
1980

President
David H. Gluck

PHOTOSYNTHESIS
PRODUCTIONS, INC.

Films, videos, and QuickTime movies for the WWW

Phyton, Inc.

Langmuir Laboratory
Box 1008
95 Brown Road, Suite 125
Ithaca, NY 14850
(607) 257-5058
Fax: (607) 257-5515
phyton@clarityconnect.com

A Cornell Business and Technology Park Company

Phyton, founded in 1990, is a premier biotech company focused on discovery, development, and commercialization of valuable plant-derived compounds for pharmaceutical, cosmetic, and related uses. Phyton's platform technology, PCF™, provides a controlled process for producing plant-derived compounds without requiring whole plant cultivation or harvest. Phyton developed PCF™ in a strategic collaboration with Bristol-Myers Squibb Company (BMS) to manufacture and supply paclitaxel, the active ingredient in BMS's blockbuster anticancer drug, Taxol®.

Phyton is a closely held private company employing 85 associates in two locations: 50 at the R&D headquarters in Ithaca, New York, and 35 associates at its state-of-the-art manufacturing facility, Phyton GmbH, located in Ahrensburg, Germany.

Cornell Connection

Phyton's close proximity to Cornell has provided the company with key employees and other academic resources.

PHYTON INC.

Employees
50 in Ithaca
35 in Germany

Revenue
N/A

Founded
1990

President
Venkataraman Bringi, Ph.D.

Paclitaxel, the active ingredient in the anticancer drug, Taxol®

Prescient Code Solutions

Prescient Code Solutions develops Internet-based software for the education and Web-developer markets. *The Banner Generator, Critique,* and *Mailform* are Web-developer tools supported by advertising, attracting 20,000 unique users weekly. *The Neverending Tale* is an educational language-arts resource for K–12 students.

Cornell Connection

Prescient Code Solutions was founded by Cornell alumni; the company has worked with COTABA and with Cornell faculty members.

Box 6642
Ithaca, NY 14851-6642
(519) 575-3733
Fax: (309) 285-2840
daniel@coder.com
http://www.coder.com

Employees
4

Revenue
N/A

Founded
1996

President
Daniel R. Allen

Prescient Code Solutions

Internet-based software

Reed's Seeds

3334 **NYS Rte.** 215
Cortland, NY 13045-9440
(607) 753-9095
Fax: (607) 753-9511
reeder@clarityconnect.com

Reed's Seeds develops hybrid cabbage varieties for wholesale and retail sales. The company uses both traditional breeding and biotechnology methods.

Cornell Connection

The company's owner is a Cornell graduate. Reed's Seeds has worked with Cornell researchers on Cornell's Ithaca and Geneva campuses for more than 50 years.

Reed's SEEDS
Since 1909

Employees
10

Revenue
N/A

Founded
1909

Owner
Donald P. Reed

Reliable Network Solutions, Inc.

127 W. State Street
Ithaca, NY 14850
(607) 273-9977
Fax: (607) 273-3994
info@rnets.com
http://www.rnets.com

Reliable Network Solutions is a provider of e-business communications technology for vendors focused on large-scale, highly reliable, secure Internet applications. A typical use of company software is to enable real-time collaboration across multi-functional, multi-national, multi-company teams. The company extends and complements traditional Internet and client/server architecture by providing both the appropriate network communication tools, and tools to manage global networks of application servers.

Cornell Connection

Faculty and staff members of the Cornell Computer Science Department founded the company in late 1997. After two and a half years of careful foundation building, the company began growing rapidly in May 2000, and now has 20 employees in its offices in Ithaca, New York; Mountain View, California; and New York City.

Employees
15 in Ithaca
5 in California

Revenue
N/A

Founded
1998

President and CEO
Kenneth P. Birman

RP Solutions, Inc.

2415 N. Triphammer Road
Ithaca, NY 14850
(607) 257-7778
Fax: (607) 257-7779
info@rpsolutions.com
http://www.rpsolutions.com

RP Solutions develops software to automate the processing of retail remittance payments (bills for utilities, credit cards, taxes, or subscriptions and payments for loans and mortgages) and the processing of ATM deposits. As an authorized reseller of NCR equipment, RP Solutions markets and delivers its software with NCR document processing and imaging workstations. RP Solutions is built on strong core values and is committed to the care and success of each of its employees and customers.

Cornell Connection

The company's president is a Cornell alumnus.

Payment processing and ATM deposit balancing software and hardware

RP Solutions Inc.

Employees
18

Revenue
N/A

Founded
1995

President
David B. Johnson

Rumsey-Loomis

330 George Road
Freeville, NY 13068
(607) 844-3535
Fax: (607) 844-5294

Rumsey-Loomis is a small, privately owned company dedicated to engineering, research, and development. Concepts are developed in the virtual world with three-dimensional, textured, real-to-life visualization, frequently with animation and camera motion. What results is a video with a realistic rendering of the product before it is actually built. Computer simulations save time and money. The company also serves the industry in low- to mid-volume reworks/screw machine and CNC lathe and mill prototypes.

Cornell Connection

The company co-invented a DNA prep device with a professor of horticultural sciences at Cornell's Geneva campus. Rumsey-Loomis also aided in building the first genetic acceleration devices developed by Biolistics, Inc.

Employees
10

Revenue
N/A

Founded
1960

Owner
Dale Loomis

Smith Marketing Services, LLC (SMS)

Langmuir Laboratory
Box 1032
95 Brown Road, Suite 237
Ithaca, NY 14850
(607) 257-7000
Fax: (607) 257-2389
doug@onlinesms.com
http://www.onlinesms.com

A Cornell Business and Technology Park Company

Smith Marketing Services offers powerful creative solutions to achieve specific marketing objectives. The company's core competencies comprise market research, strategic planning, graphic design, public relations, direct marketing, interactive media, and sales training. SMS brings smart, innovative specialists into the process on an as-needed basis, and works with clients' in-house resources to share ideas, engage employees, and ultimately save time and money. The company works with high-tech start-ups, universities, financial institutions, utility companies, B2B, professional firms, and economic development specialists.

Cornell Connection

SMS's proximity to Cornell, and past and present working relationships, enables the company to regard the university as both a resource and a client. The president of the company has guest lectured at Cornell's S. C. Johnson Graduate School of Management, and the vice president of creative services is an alumna of the College of Architecture, Art, and Planning.

SMITH MARKETING SERVICES, LLC

sms

Employees
4

Revenue
N/A

Founded
2000

President
Douglas C. Smith

SpeechWorks International, Inc.

127 W. State Street
2nd floor
Ithaca, NY 14850
(607) 277-6778
Fax: (607) 277-0600
shertz@speechworks.com
http://www.speechworks.com

SpeechWorks International, which recently acquired the Ithaca-based company, Eloquent Technology, Inc., offers solutions for speech-enabled applications over the telephone, on the desktop, and in mobile devices, such as cell phones and automotive electronics. SpeechWorks provides both speech recognition and text-to-speech technology.

The Ithaca group, formerly Eloquent Technology, focuses exclusively on developing the text-to-speech software, including ETI-Eloquence, a multi-voice, multi-language text-to-speech toolkit with which application developers can integrate speech into their products. Versions of ETI-Eloquence are currently available for a variety of platforms and for twelve languages.

ETI-Eloquence is widely recognized as one of the premier multi-language text-to-speech systems in the world. It is used in IBM's ViaVoice line of speech products and in a wide variety of other vendors' applications, such as unified messaging, voice portals, and screen readers for blind individuals.

Cornell Connection

The director/lead scientist of text-to-speech technologies and former president of Eloquent Technology is a part-time adjunct associate professor in the Department of Linguistics at Cornell. The ETI-Eloquence synthesis product is an outgrowth of a synthesis system developed as part of the director's doctoral work at Cornell.

Employees
400 worldwide
17 in Ithaca

Revenue
$30 million

Founded
1994

Director/Lead Scientist
Text-to-Speech Technologies
Sue Hertz, Ph.D.

SpeechWorks

Syracuse Bioanalytical, Inc. (SBI)

Langmuir Laboratory
Box 1013
95 Brown Road, Suite 144
Ithaca, NY 14850
(607) 266-0609
Fax: (607) 266-0609
syrbio@aol.com
http://www.vetdiagnostics.com

A Cornell Business and Technology Park Company

SBI develops, manufactures, and markets quality diagnostics for veterinary medicine. SBI's initial products are aimed at the diagnosis of infectious diseases within farm animals. SBI currently manufactures and sells a patented and USDA-licensed ELISA kit for the detection of the bovine viral diarrhea virus (BVDV) antigen. SBI's other products include a USDA-licensed kit for the detection of bovine coronavirus antigen, and a soon-to-be-licensed kit for the detection of group A rotavirus antigen. Other kits are under development.

Cornell Connection

Assay development and validation have been conducted jointly with Cornell's Veterinary Diagnostic Laboratory. Key raw materials for these test kits are licensed from Cornell and other institutions.

Syracuse Bioanalytical, Inc.
Quality Diagnostics for Veterinary Medicine

Employees
4

Revenue
N/A

Founded
1994

President and CEO
Roy F. Huchzermeier, Ph.D.

Transonic Systems, Inc.

34 **Dutch Mill Road**
Ithaca, NY 14850-9787
(607) 257-5300
Fax: (607) 257-7256
cor@transonic.com
http://www.transonic.com

Transonic Systems manufactures ultrasonic and laser Doppler blood flowmeters for medical research, intraoperative surgical use, and clinical patient monitoring. The blood flowmeters are used with perivascular sensors during patient surgery, in acute and chronic animal studies, and with sterile tubing (clamp-on) sensors during medical procedures such as cardiac by-pass and hemodialysis.

The company's CU-developed transit-time flowmetry is now the gold standard for animal research and intraoperative heart surgery use. Transonic Systems's ultrasound indicator dilution flowmeter has revolutionized hemodialysis access patency management. Cornell has been and continues to be an important proving ground for the company's new measurement technologies.

Cornell Connection

Transonic Systems is a spin-off from research conducted by the company's president while a senior research associate in the Department of Physiology in Cornell's College of Veterinary Medicine. Transonic Systems and Cornell continue an active collaboration on research and development projects involving blood flow, pressure sensing, and nanofabrication technologies.

Transonic Systems uses Cornell's nanofabrication facilities for development of new flowmetering devices.

Employees
100

Revenue
$9.5 million

Founded
1983

President
Cornelis J. Drost

Transonic Systems Inc.
Excellence in Quantitative Hemodynamics

Transonic blood flowmeters for intraoperative use, hemodialysis patient monitoring, animal studies, and lab research

Transtech DSP, LLC

20 Thornwood Drive
Ithaca, NY 14850-1263
(607) 257-8678
Fax: (607) 257-8679
sales@transtech-dsp.com
http://
www.transtech-dsp.com

A Cornell Business and Technology Park Company

Transtech DSP manufactures floating point DSP systems that are used in a variety of applications and markets. These include embedded systems, signal processing, image processing, and supercomputing.

Cornell Connection

Cornell and other universities have exploited Transtech technology in a variety of areas, including education, research, and joint university and industrial collaborations.

Employees
20

Revenue
N/A

Founded
1989

President
Andy Stevens

Parallel processing, DSP, and imaging hardware and software

Vector Magnetics, LLC

Vector Magnetics specializes in oil field services for precision directional drilling of relief wells and parallel horizontal wells.

Cornell Connection

Vector Magnetics's technology is based on research performed at Cornell by the company's president. He is professor emeritus in the School of Applied and Engineering Physics.

236 **Cherry Street**

Ithaca, NY 14850-5023

(607) 273-8351

Fax: (607) 273-6137

mail@vectormagnetics.com

http://www.vectormagnetics.com

Employees
10

Revenue
N/A

Founded
1985

President
A. F. Kuckes, Ph.D.

Viral Therapeutics, Inc. (VTI)

33 Thornwood Drive, Suite 104
Ithaca, NY 14850
(607) 266-0860
Fax: (607) 257-6356
info@viral-therapeutics.com
http://www.viral-therapeutics.com

A Cornell Business and Technology Park Company

VTI develops and manufactures recombinant proteins used in the in vitro diagnosis of human infectious diseases and other human disorders. The company's capabilities also include the development of assays for the use of its products and contract research and development. VTI's products are used worldwide in both research and diagnostic laboratories. An important aspect of VTI's growth is achieved through the formation of alliances and partnerships for both product development and sales. VTI has a number of proprietary technologies licensed from the Tulane Medical School, Marine Biological Laboratories at Woods Hole, Research Corporation Technologies, and the Guthrie Foundation. Several products in development include new technologies for detection of bacteria and removal of their byproducts that induce potentially fatal inflammatory responses in humans and detection assays for a number of infectious disease–causing viruses.

Cornell Connection

The company was developed, in part, through assistance from the S. C. Johnson Graduate School of Management and the Cornell Biotechnology Program. Several of Cornell's faculty are advisers to VTI in science and business matters.

Recombinant proteins, diagnostics, and contract R&D

Viral Therapeutics, Inc.

Employees
8

Revenue
N/A

Founded
1995

President
Lee A. Henderson, Ph.D.

companies outside the greater Ithaca Region, within New York state

"Although we are no longer a start-up, we continue to depend on universities such as Cornell to generate, develop, and evaluate new product ideas. We are unable to invest heavily in infrastructure at the start of projects, and Cornell provides resources during the development phase—prior to investing."
—DMV International Nutritionals

AgriVirion, Inc.

460 W. 25th Street
New York, NY 10001-6535
(212) 463-7325
Fax: (212) 463-7325
jlcompton@agrivirion.com
http://www.agrivirion.com

AgriVirion is an applied biotechnology company with expertise in the production of recombinant proteins. The company offers contract production of proteins for analytical and research purposes, including high-throughput screening, crystallography, and reagent development for diagnostics and therapeutics.

AgriVirion's proprietary in vivo production system increases the efficiency of baculovirus-based protein expression by as much as 100-fold, enabling fast, cost-effective production on scales ranging from milligrams to kilograms. Production can begin immediately without modification of existing baculovirus clones.

The system is flexible, permitting everything from the production of small quantities of many different proteins for screening or preliminary characterization, to increasing quantities of a single protein as it moves through the development process.

Cornell Connection

The company is based on technology licensed from the Boyce Thompson Institute for Plant Research.

AgriVirion

Employees
4

Revenue
N/A

Founded
1992

President and CEO
John Lee Compton, Ph.D.

DMV International Nutritionals

DMV International Nutritionals utilizes innovative technology to create consistent, high-quality, value-added ingredient systems and services for the nutritional and health-related industries. The company specializes in the manufacture of protein hydrolysates from any protein source, using sophisticated enzymatic and acid hydrolysis, state-of-the-art extraction and separation methods, and spray-drying. Specialty proteins, peptones, and bio-active peptides designed for use in systems from weight management and stress recovery to antimicrobial systems are also key ingredients produced by DMV.

The company's focus is on functional, nutraceutical, enteral, clinical, health, and sport food systems, as well as systems for microbiological analyses and fermentation cell growth. DMV has developed hypoallergenic proteins for infant formula and a bio-active peptide to reduce blood pressure.

Cornell Connection

DMV uses Cornell as a resource for the manufacturing of hydrolysates and media plates. The company also uses pilot lab and process equipment in the Department of Food Science.

40196 State Highway 10

Delhi, NY 13753

(607) 746-0100

Fax: (607) 746-2710

brauns@dmv-ny.com

http://www.dmv-international.com

Protein hydrolysates, bio-active peptide, lactoferrin

Employees
180 worldwide
115 in New York

Revenue
N/A

Founded
1970

President
Steven Braun, Ph.D.

Genencor International, Inc.

200 **Meridian Centre Blvd.**
Rochester, NY 14618-3916
(716) 256-5200
Fax: (716) 256-6952
ablackwell@genencor.com
http://www.genencor.com

Genencor International is a diversified biotechnology company that develops and delivers innovative products into the healthcare, agriculture, industrial, and consumer markets. The company's current products are used in the cleaning, textile, and grain processing markets. Genencor is developing novel ways to produce vitamin C from renewable resources; convert agricultural waste to ethanol; develop new high-performance fabrics from glucose; and cure the incurable human papilloma virus, a sexually transmitted disease believed to be a leading cause of cervical cancer. Genencor's portfolio includes more than 250 commercial products and in excess of 3,400 owned and licensed patents and applications.

Cornell Connection

Genencor has collaborated with Cornell scientists on projects such as the ice nucleation product, Snowmax Snow Inducer™, and a developmental agribiotechnology product.

Genencor International, Inc.®

Employees
1,500

Revenue
$315 million

Founded
1990

CEO
W. Thomas Mitchell

Innovative Biotechnologies International, Inc. (IBI)

335 **Lang Boulevard**
Grand Island, NY 14072
(716) 773-4232
Fax: (716) 773-4257
info@ibi.cc
http://www.ibi.cc

IBI identifies and licenses technologies from U.S. universities. The company concurrently identifies and establishes strategic marketing partnerships for various products, based on the technologies licensed. IBI continues to focus its activities on combining several Cornell University technologies into an integrated, microchip-based diagnostic platform with applications in multiple market niches, including human and veterinary diagnostics, environmental/food testing, and detection of chemical and biological analytes in air and water.

The company is currently under contract to the New York State Energy Research and Development Authority (NYSERDA) to develop a rapid, on-site test for the detection of *Cryptosporidium parvum* in drinking water. IBI was recently notified of another NYSERDA contract to develop a microchip-based test for the detection of a food/waterborne pathogen.

IBI has granted sublicenses to the Cornell technologies and is working with several other companies to bring about commercialization of products based on the Cornell technology. The company has established a strategic relationship with a major U.S. defense contractor that has resulted in the granting of a Department of Defense contract to develop a system, based on the Cornell technology, to detect chemical and biological warfare agents in air and water.

Cornell Connection

The company has obtained a series of Cornell technologies that are being integrated into a platform that will permit microchip-based detection of chemical and biological analytes in multiple market niches.

Employees
4

Revenue
N/A

Founded
1994

President
Richard A. Montagna, Ph.D.

INNOVATIVE BIOTECHNOLOGIES INTERNATIONAL, INC.

Transforming Today's Discoveries into Tomorrow's Products

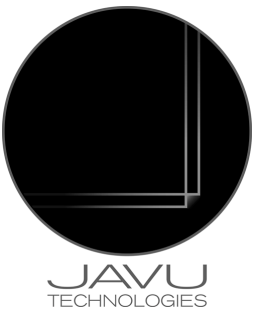
Javu Technologies, Inc.

Chelsea Piers, Pier 62
Suite 204
New York, NY 10011
(212) 209-2400
Fax: (212) 209-2416
contact@javu.com
http://www.javu.com

Javu's proprietary systems architecture enables the editing, transcoding, and re-purposing of video to be processed directly on a server rather than a desktop machine. This fundamental paradigm shift from the desktop to the server complements the market shift toward centralized rich media content storage and management. Javu's target clients consist of organizations with substantial video archives, including global 2000 companies, news media organizations, government and educational institutions, and Internet content providers.

Cornell Connection

The company was founded by Cornell computer science students, based on technology licensed from Cornell.



Employees
30

Revenue
N/A

Founded
1998

President
Daniel C. Stein

Javu Video Processing Server, Javu Transcoder, Javu Clip Compiler, Javu Dubbing Server

Jigalin Cheese Co., Inc.

The Jigalin Cheese Company converts and flavors varieties of cheese. The company is a wholesale and retail distributor of cheese and dairy products.

Cornell Connection

The company president consults with Cornell's Department of Food Science.

P.O. Box 235

Pulaski, NY 13142-0235

(315) 298-2141

Fax: (315) 298-4661

jigalin@dreamscape.com

http://www.colossecheesestore.com

Employees
13

Revenue
N/A

Founded
1989

President
Gary E. Raiti

NeuwGhent Technology (NGT)

3 **Cross Road**
LaGrangeville, NY 12540-5705
(845) 223-3359
Fax: (845) 227-7568
gvanderghe@aol.com
gvanderg@frontiernet.net

NGT develops and manufactures specialized electronic sensors and instrumentation for bio-environmental monitoring. NGT's initial product is the BEM family of sensors for in situ monitoring of oxygen, moisture, and temperature in high solids, organic biodegradation processes. The BEM solutions have applications in municipal and industrial solid waste processing facilities. They provide a robust, real-time means of monitoring constituents without the need for external sampling. The instrumentation provides single-user response or networked interconnection for multi-node monitoring environments.

Cornell Connection

NGT responded to a request from Cornell's Department of Biological and Environmental Engineering for robust, reliable, in situ sensor technology for biodegradation monitoring, which was lacking in the marketplace. The company developed the technology and manufactured prototype systems for Cornell's use.

Sensor and instrumentation solutions for bio-environmental monitoring

ngt NeuwGhent Technology
Sensor and Instrumentation Solutions

Employees
2

Revenue
N/A

Founded
1993

President
George B. VanderGheynst

Rainbow Displays, Inc. (RDI)

RDI specializes in the development and manufacture of flat-panel displays larger than 32 inches diagonal using TFT LCD technology. The displays are created from the seamless combination or tiling of multiple TFT panels into one display that is uniform in appearance. With its proprietary assembly, optical, and color matching technology, Rainbow is positioned to become a leading supplier of large flat-panel displays in such market segments as conference rooms, videoconferencing, public signage, and consumer television. In November 1999, Rainbow signed a joint development agreement with a unit of Royal Philips Electronics, one of the world's largest consumer electronics companies.

Cornell Connection

RDI was founded by two Cornell faculty members and two IBM executives. The company holds a license for Cornell-developed technology from the Cornell Research Foundation. In October 2000, RDI entered into a contract with Cornell to provide research in RDI's Tiled Microdisplay project. This project has received an award from the NIST Advanced Technology Program and will run for three years.

Glendale Technology Park
1041 Perimeter Road East
Endicott, NY 13760
(607) 754-5670
Fax: (607) 754-7218
ruane@rainbowdisplays.com
info@rainbowdisplays.com
http://www.rainbowdisplays.com

Employees
26

Revenue
N/A

Founded
1996

CEO
Thomas A. Ruane

RAINBOW DISPLAYS INC.

Saulsbury Fire and Rescue Apparatus

P.O. Box 690
Tully, NY 13159-0690
(315) 238-8909
Fax: (315) 238-8924
rsaulsbury@saulsburyfire.com
http://www.clarityconnect.com/webpages/saulsburyfire/

Saulsbury Fire and Rescue Apparatus manufactures and sells fire apparatus. The company is a subsidiary of Federal Signal Corporation. The company has increased production by more than 30 percent within the last year.

Cornell Connection

Saulsbury Fire and Rescue Apparatus worked with Cornell's Industrial Innovation Extension Service beginning in 1985. The company also worked with Cornell on several major projects involving productivity improvement, plant layout design, multi-project planning and scheduling, and total quality control. Cornell's Program for Employment and Workplace Systems has also been a partner.

saulsbury
FIRE & RESCUE APPARATUS

Employees
275

Revenue
$40 million

Founded
1971

CEO
Wayne Heyer

companies started in Ithaca, now merged or relocated

Blackboard, Inc.

1899 L Street, NW
5th Floor
Washington, DC 20036
(202) 463-4860
Fax: (202) 463-4863
info@blackboard.com
http://www.blackboard.com

Blackboard was founded to transform the Internet into a powerful environment for teaching and learning. The company offers a complete suite of enterprise software products and services that power a total "e-Education Infrastructure" for schools, colleges, universities, and other education providers. Blackboard solutions deliver the promise of the Internet for online teaching and learning, campus communities, auxiliary services, and integration of Web-enabled student services and back office systems. Blackboard's flagship product, Blackboard 5™, was developed in cooperation with several Cornell faculty members and instructors. The company was founded in 1997. Today, Cornell is a leading customer of Blackboard 5, having used the product to put more than 1,100 courses online, supporting approximately 10,000 students.

Chromatic Technologies, Inc.

4320 Northpark Drive
Suite B
Colorado Springs, CO 80907
(719) 592-1557
Fax: (719) 592-1455
cti@interactivecolors.com
http://
www.interactivecolors.com

Chromatic Technologies develops and markets products, as well as licenses technologies, that incorporate thermochromic and photochromic materials. These technologies enable the enhancement of existing products and the creation of new products ranging from textiles to paper products to cosmetics. The company principals are graduates of Cornell's Departments of Biological and Environmental Engineering and Applied Economics and Management. The company maintained an Ithaca, New York, office until 1998.

eePulse, Inc.
Formerly Valour, Inc.

eePulse delivers a Web-based communication platform that allows confidential and frequent communication between employees and employers. Using eePulse's proprietary, one-question Pulse metric, clients receive real time data on the energy of their work force and the critical issues affecting performance. The company's founder is a former assistant professor in Cornell's School of Industrial and Labor Relations (ILR), the vice president of research is a Ph.D. graduate of ILR and A.B. graduate of the College of Arts and Sciences, and the director of client relations is an M.A. graduate of ILR. The company, formerly Valour, Inc., was founded in Ithaca, New York, in 1996.

905 W. Eisenhower Circle
Suite 110
Ann Arbor, MI 48103
(734) 996-2321
Fax: (734) 996-2388
info@eepulse.com
http://www.eepulse.com

Epicor Software Corporation
Formerly C-Way Systems, Inc.

The former company, C-Way Systems, Inc, was founded in Ithaca, New York, in 1991. The principals of the company are former Cornell faculty members, and many of the employees were graduates of Cornell's College of Engineering. It merged with Epicor in 1999.

195 Technology Drive
Irvine, CA 92618
(949) 585-4000
Fax: (949) 585-4091
http://www.epicor.com

Nova Crystals, Inc.

174 Component Drive
San Jose, CA 95131
(408) 434-6682
Fax: (408) 434-6330
info@novacrystals.com
http://www.novacrystals.com

Nova Crystals produces solid-state lighting, tele- and data-communications products, and intrachip-communication devices. The company was founded in Ithaca, New York, in 1998 by Cornell faculty members, and its president is a Cornell alumnus. The company moved to California in 2000. Recently, Nova announced landmark surface emitting lasers (OC-48 and OC-192) that enable the migration towards super efficient optical networking in the LAN/WAN/MAN and access environments. Nova has begun sampling its lasers with selected customers.

Spectrum Signal Processing, Inc.

#200-2700 Production Way
Burnaby, BC V5A 4X1
(604) 421-5422
Fax: (604) 421-1764
sales@spectrumsignal.com
http://
www.spectrumsignal.com

Spectrum is the worldwide leader in high-performance DSP systems. Spectrum designs and manufactures DSP-based products including hardware, software, ASIC, and system-level solutions. Spectrum Signal Processing acquired Alex Computer Systems, Inc., formerly of Ithaca, New York, in mid-1998. The Cornell Theory Center was a significant resource for Spectrum's engineering and product development centers.

Survey Intelligence International (SII)

SII is a marketing research and consulting firm, focusing on custom research for high-tech companies with a global vision. The company's mission is to provide critical market intelligence and identify strategic opportunities for clients. The company was founded in Ithaca, New York, in 1996. The company's president received an M.P.A. from Cornell, and was a Cornell researcher for seven years. SII has been a Cornell independent contractor since 1996 and continues to serve its long-term Cornell clients from offices near Washington, D.C.

6624 **Midhill Place**
Falls Church, VA 22043
(800) 583-7950
Fax: (703) 536-4217
info@surveyint.com
http://www.surveyint.com

Visionary Design Systems, Inc.

Formerly 3D/EYE, Inc.

3D/EYE, Inc., was founded in 1981 by members of Cornell faculty and staff. In the early years of the company, Cornell research made significant contributions to the company product line—3D modeling, illustration, and animation software. In 1997, 3D/EYE merged with Visionary Design Systems, Inc. VDS changed its name to Alventive and launched as a new company focused on collaborative design solutions, in 2000, with Samir Hanna as president and CEO, and headquartered in Santa Clara, California. In 2001, IronCAD spun off from Alventive, keeping the IronCAD product.

700 **Galleria Parkway**
Suite 400
Atlanta, GA 30339-5943
(800) 339-7304
Fax: (770) 937-0700
http://www.ironcad.com