



*Dr. Alain E. Kaloyeros, vice president and chief administrative officer of the College of Nanoscale Science and Engineering*



*Gov. Eliot Spitzer*



*Dr. John E. Kelly III, senior vice president of IBM Research*

# Tech Valley's **HOT10**

## The Chamber unveils its annual list

The Albany-Colonie Regional Chamber of Commerce is proud to unveil its "Tech Valley's Hot 10" list for 2007.

Since its inception, Tech Valley has garnered national and international attention, and 2007 was no exception. The year saw significant changes in the region as major national and international corporations took root in the area; homegrown companies blossomed; leaders in government, business and education collaborated on educational initiatives and important scientific research flourished in Tech Valley laboratories. There is no doubt the 19-county region boasts some of the world's most talented and innovative leaders in business, education and government.

With the region continuously growing, the daunting task of choosing the ten most influential and innovative people in Tech Valley was not easy. Here is this year's Tech Valley's Hot 10:

**Mark Campito**  
CEO

**Marktech Optoelectronics**

Marktech Optoelectronics, located in Latham, NY, was started in 1985 by Mark Campito. The company, which has always kept a low profile in the Capital Region, is dedicated to the advancement of LED technology, design and manufacturing. Marktech is noted for providing LEDs and/or assemblies in projects such as the Times Square zipper, neon replacements for Disney Hong Kong and concert screens for U2 and Celine Dion. In addition, Marktech has a wide customer base in markets including emergency lighting for police and ambulance vehicles, architectural lighting, signage and medical applications.

Campito has more than 25 years of experience in marketing, sales and engineering. Four years ago he helped put Marktech on the global stage, establishing a manufacturing facility in China. Much of Marktech's recent growth can be

attributed to the establishment of its overseas facility. Because of significant energy savings and lifetime over conventional lighting sources such as incandescent bulbs, LEDs will continue to experience growth.

**Glenn Epstein**  
Former Chair and CEO  
**Intermagnetics General Corp.**

Glenn H. Epstein, formerly the chairman and chief executive officer of Intermagnetics General Corp., successfully negotiated the sale of Intermagnetics to Philips Medical Systems for \$1.3 billion in November 2006. He recently left Philips after leading a successful integration of both companies MR imaging businesses.

Epstein helped integrate the two companies and facilitated the move of Philips' MRI headquarters from the Netherlands to Latham, and also groomed the company's new leader, Conrad Smits. Epstein was scheduled to remain with the company into 2008, but thanks to a quicker-than-



*Dr. Shirley Jackson, president, Rensselaer Polytechnic Institute*



*New York State Senate Majority Leader, Joseph L. Bruno*



*Mark Little, senior vice president, director, GE Global Research*

anticipated integration, Epstein left Philips and is now enjoying time with his family on his horse farm in Columbia County.

Because of Epstein's efforts, Philips' MRI is now headquartered in Tech Valley and functioning on a global level. The company is building a 48,000-square-foot addition at its Latham factory and employs 450 people.

**Mike Hickey**  
President  
Pitney Bowes Software

MapInfo was acquired by Pitney Bowes in April 2007 for more than \$400 million. Pitney Bowes has now merged

the Pitney Bowes Group 1 Software and Pitney Bowes MapInfo business units, acquired separately, into a single software corporation — **Pitney Bowes Software**.

On Sept. 6, Mike Hickey was named president of Pitney Bowes Software. Hickey, who prior to the acquisition by Pitney Bowes served as chief operating officer at MapInfo for five years, brings more than 20 years of management experience and more than 12 years of software industry experience to his role. During his time as chief operating officer, Hickey spearheaded the creation of the company's location intelligence platform.

During his tenure at Pitney Bowes MapInfo, Hickey

held a number of executive management positions. As vice president and general manager, he expanded the business 175 percent over a two and a half-year period. As a cornerstone in the Tech Valley's business community, Pitney Bowes MapInfo remains an innovative provider of location intelligence solutions that help businesses across the globe drive intelligent decisions.

**Dr. Shirley Jackson**  
President  
Rensselaer Polytechnic Institute

Dr. Shirley Ann Jackson is the 18th president of Rensselaer Polytechnic Institute. Her research and policy



*Top far left: Mark Campito, CEO, Marktech Optoelectronics*  
*Bottom far left: Mike Hickey, president, Pitney Bowes Software*  
*Left: Dr. Glenn McGee, director of the Alden March Bioethics Institute*  
*Below: Glenn Epstein, former chair and CEO of Intermagnetics General Corp*



focus includes global energy security and the national capacity for innovation, including addressing the "quiet crisis" in the U.S. science, technology, engineering, and mathematics workforce.

Through her perseverance, researchers at RPI will continue to advance the frontiers of computational science with the help of IBM's Blue Gene supercomputer. Awarded under IBM's Shared University Research program, this Blue Gene will complement the \$100 million partnership between Rensselaer, IBM, and New York state to create one of the world's most powerful university-based supercomputing centers.

The equipment will provide a resource for scientists to gain experience with the Blue Gene computing environment, while also supporting a project to develop new simulation technologies for understanding biological systems. The center allows faculty and students to take the lead in research that will enable key nanotechnology innovations in the energy, biotechnology, arts and medicine fields.

**Dr. Alain E. Kaloyeros**  
**Vice President and Chief Administrative Officer**  
**College of Nanoscale Science and Engineering (CNSE)**

This is the fifth time Dr. Alain E. Kaloyeros has appeared on the Tech Hot 10 list, having been named every year since the inception of the list in 2003.

Dr. Kaloyeros has been a driving force in the development and implementation of New York's strategy to become a global leader in the nanotech-

nology-enabled economy of the 21st century, and again in 2007, that mission took major steps forward on all levels.

In education, the **UAlbany NanoCollege** was ranked by *Small Times* magazine as the world's number one college for nanotechnology. In research, CNSE and corporate partners at its Albany NanoTech complex, including **IBM**, AMD, Tokyo Electron, AMAT and ASML, combined to develop a record number of nanotechnology patents, while supporting breakthroughs like IBM's "airgap" technology.

Due to his efforts, International SEMATECH decided to expand its operations at CNSE, a \$760 million initiative that further stamps Albany as a worldwide leader in nanoelectronics innovation; construction began on two new buildings, a dual \$150 million project that will provide office and cleanroom space; and, more than 1,000 candidates applied at job fairs conducted by CNSE and **Vistec Lithography**.

**Dr. John E. Kelly III**  
**Senior Vice President and Director**  
**IBM Research**

**IBM Senior Vice President** Dr. John E. Kelly III was named director of IBM Research in July of 2007. He leads the worldwide operations of IBM Research, with 3,200 technical employees in eight laboratories in six countries around the world and helps guide IBM's overall technical strategy.

Dr. Kelly played an instrumental role in bringing a world-class research center to New York state this May when **Rensselaer Polytechnic Institute**, IBM and

New York state announced the Computational Center for Nanotechnology Innovations (CCNI). This \$100 million partnership will advance the science, engineering, and manufacturing of nanoscale materials, devices, and systems. Anchored by one of the globe's most powerful supercomputers — an IBM Blue Gene — CCNI will enable new modeling and simulation methods, all aimed at reducing the time and cost of designing devices and products that depend on the control of nanoscale processes.

**Mark Little**  
**Senior vice president, director**  
**GE Global Research**

As Senior Vice President and Director of **GE Global Research**, Mark Little leads one of the largest and most diversified industrial research and technology organizations in the world. He oversees a \$500 million research and development budget that is part of GE's overall \$5.5 billion annual technology spend and is responsible for nearly 3,000 employees.

Under Mark's leadership in 2007, the company announced plans to build a new \$165 million health-care manufacturing facility which will produce state-of-the-art digital X-ray mammography machines in the Rensselaer Technology Park. The facility will represent the first expansion of high tech medical equipment manufacturing by GE in New York state.

GE Global Research also delivered technologies to address some of the world's most pressing challenges, from predicting and diagnosing disease before symptoms occur to driving alternative energy solutions with solar and wind power. Advancements

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were made throughout 2007 to support GE's growing portfolio of eco-friendly products, bringing innovations in energy efficiency and lower emissions.

**Dr. Glenn McGee**  
Director

**Alden March Bioethics Institute**

Dr. Glenn McGee is director of the Alden March Bioethics Institute (AMBI), a comprehensive bioethics research and education organization of the Albany Medical College comprised of faculty from 14 institutions of higher learning and research in the Capital Region.

At 40, McGee is the youngest director of a bioethics institute in the United States and holds the John A. Balint Endowed Chair in Medical Ethics at the **Albany Medical College**. From 1995-2005 McGee served as assistant professor and associate director of the Center for Bioethics at University of Pennsylvania.

Professor McGee is the founding editor-in-chief of *The American Journal of Bioethics*, the leading journal in the field of bioethics. He is senior editor of bioethics for The MIT Press. Dr. McGee created bioethics' first website, bioethics.net, which is used by more than 20 million visitors each year.

As Tech Valley has become recognized on a global scale, the high-tech happenings here have not gone unnoticed. McGee has shared his knowledge with local and national media, garnering more attention for Tech Valley.

**New York State Senate**

The New York state Senate awarded a \$250,000 grant to the Tech Valley Chamber Coalition to expand the GE Presents Love SAM (Science and Math) and Teacher Externship programs throughout the Tech Valley region. These innovative programs are designed to help create the future workforce in Tech Valley.

The Senate's financial commitment shows their understanding of the importance of education as Tech Valley competes globally. Bolstering science, math and technology education will help students achieve throughout their educational and professional careers.

"We are pleased to provide this grant to allow the Tech Valley Chamber Coalition to expand these worthwhile programs, giving teachers new tools that encourage their students to pursue careers in math, science and technology, while better preparing them for the future," said Senate Majority Leader, Joseph L. Bruno.

This funding helps to capture the imagination of students and teachers, giving them renewed enthusiasm. If we can't educate the future workforce, then we won't be successful.

**Eliot Spitzer**  
Governor

**New York State**

Gov. Eliot Spitzer was inaugurated as New York's 54th governor on Jan. 1, 2007. In his inaugural address, Gov. Spitzer said, "Every policy, every action and every decision we make in this administration will further two overarching objectives: We must transform our government so that it is as ethical and wise as all of New York, and we must rebuild our economy so that it is ready to compete on the global stage in the next century."

Gov. Spitzer did just that when he announced that International SEMATECH, the global consortium of leading nanoelectronics manufacturers, was moving to Tech Valley. The \$300 million proposal and a seven-year agreement include an expansion at the Center of Excellence in Nanoelectronics and Nanotechnology at the **University at Albany** - one of the largest expansions in the history of the consortium. This move will put New York as a global leader in research and development of the next generation of computer chips. ■

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