



IGNITING IDEAS • VITAL PARTNERS

# UB BUSINESS PARTNERS DAY 2007

ADAM'S MARK HOTEL - THURSDAY, JUNE 14, 2007



# UB BUSINESS PARTNERS

## Igniting Ideas: Vital Partners

Adam's Mark Hotel, Buffalo — Thursday, June 14, 2007

### HOSTS



**Harvey G. Stenger Jr.**  
Dean, School of Engineering and Applied Sciences  
University at Buffalo

Harvey G. Stenger Jr. came to the University at Buffalo in August 2006 from Lehigh University, where he was dean of the P.C. Rossin College of Engineering and Applied Science. A chemical engineer who earned his doctorate at MIT, Stenger sought the deanship because of the UB engineering school's "reputation as a world-class research institution with outstanding undergraduate and graduate education programs."

A visionary leader, Stenger aims to expand UB's alliances with other universities and industry partners to leverage UB's resources and create mutually beneficial enterprises. Through such partnerships, UB's School of Engineering will continue to be a major catalyst for economic development in our region and beyond.



**Marsha S. Henderson**  
Vice President for External Affairs  
University at Buffalo

In the fall of 2005, President John B. Simpson appointed Marsha S. Henderson to the newly created position of vice president for External Affairs. In that capacity, she oversees the university's outreach activities and initiatives with all of its external communities, is responsible for building and maintaining effective government relations, and is charged with providing leadership for all of the university's philanthropic activities,

communications initiatives, and public relations strategies. External Affairs is specifically charged with:

- Actively supporting the university's plan for growth
- Increasing public and private support for university priorities
- Transforming and promoting UB's identity and image
- Building stronger community partnerships that enrich and enhance UB

A UB alumna, Henderson is widely recognized as a leading member of the Buffalo business community and has a longstanding record of involvement in the university and the community.

### COOPERATING GROUPS

Thank you to the following colleagues for their support of the university and the School of Engineering and Applied Sciences, and for their cooperation with UB Business Partners Day 2007:

- Amherst Chamber of Commerce
- Amherst Industrial Development Agency
- Buffalo Economic Renaissance Corporation
- Buffalo Niagara Enterprise
- Buffalo Niagara Partnership
- Empire State Development Corporation
- Erie County Industrial Development Agency
- InfoTech Niagara
- New Millennium Group of WNY, Inc.
- New York State Office of Science, Technology and Academic Research (NYSTAR)
- Niagara County Industrial Development Agency
- UB Engineering Alumni Association
- UB Regional Institute

The following UB organizations provided today's displays and demonstrations:

- Alumni Association
- The Center for Industrial Effectiveness
- Center for Integrated Waste Management and Department of Civil, Structural and Environmental Engineering
- Center of Excellence for Document Analysis and Recognition (CEDAR)
- Departments of Electrical and Industrial and Systems Engineering
- Engineering EngiNet™ and Student Employment Programs
- New York State Center for Engineering Design and Industrial Innovation (NYSCEDI)



# T N E R S   D A Y   2 0 0 7

The University at Buffalo and the School of Engineering and Applied Sciences recognize the 2007 Igniting Ideas and Vital Partners awardees as leaders who share a passion for partnership. As vital partners, they have identified the challenges, collaborated on solutions and committed to supporting the redevelopment of Western New York's economy. Their dedication to igniting ideas will promote Buffalo Niagara's success in the global marketplace and UB's role as an innovative leader in public higher education.

## PROGRAM

**11:00 a.m.**

Registration and Reception  
Demonstrations and Displays

**12:00 p.m.**

Lunch and Program

**Marsha S. Henderson**

Vice President, External Affairs  
University at Buffalo

**John B. Simpson**

President  
University at Buffalo

**Crystal D. Peoples – Igniting Ideas Award**

New York State Assemblymember

**Harvey G. Stenger Jr.**

Dean, School of Engineering and Applied Sciences  
University at Buffalo

**Norman R. McCombs – Engineer of the Year Award**

Senior Vice President, AirSep Corporation

**Lockheed Martin – Vital Partner Award**

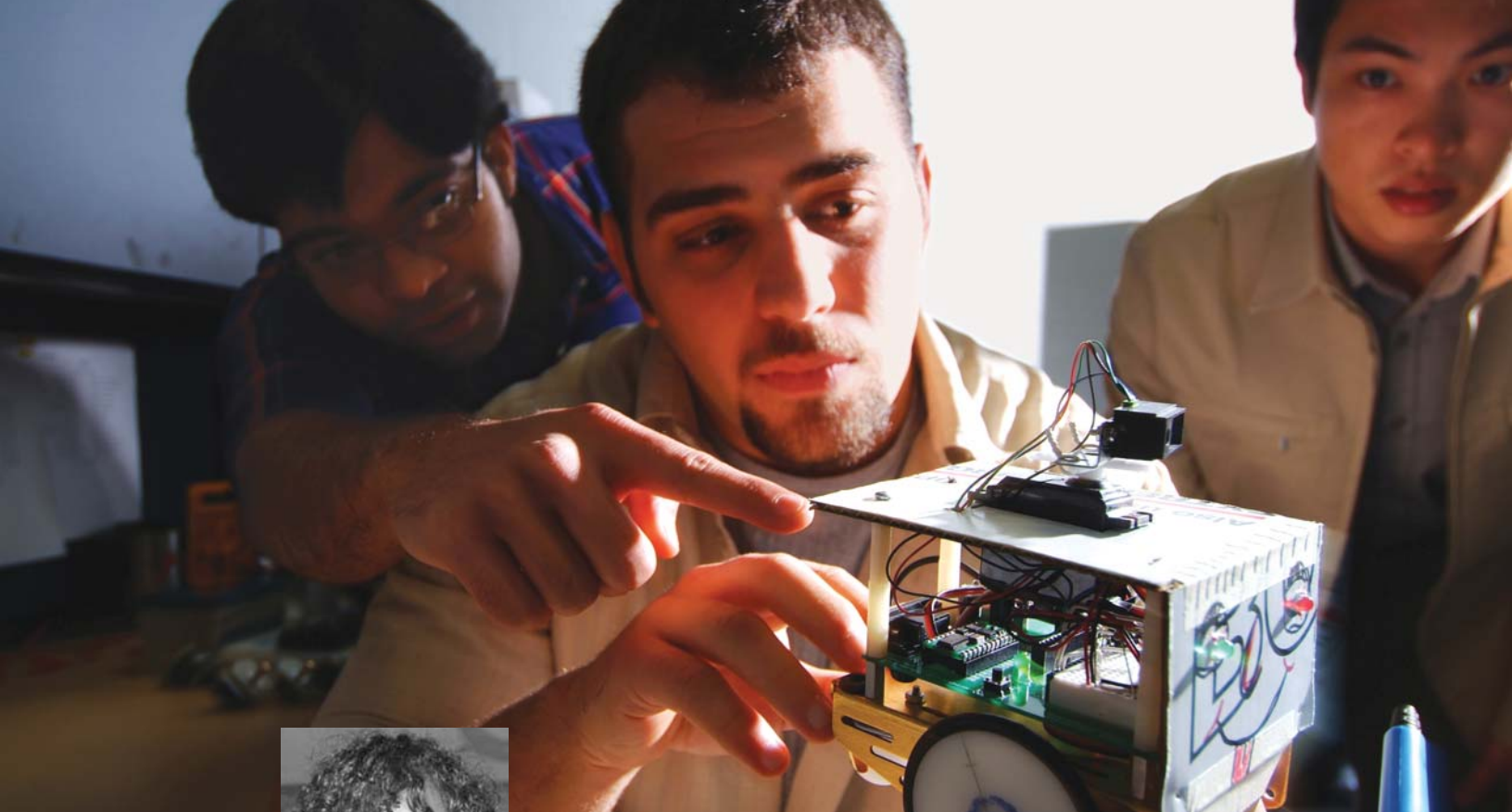
Accepting the award: Steve Lubniewski  
President, Lockheed Martin Enterprise Solutions and Services

**Dennis W. Elsenbeck**

Vice President, Business Services  
National Grid

**Steve Holliday – Keynote Speaker**

Chief Executive, National Grid PLC  
“Delivering Energy While Delivering  
Climate Change: Is it Possible?”



## IGNITING IDEAS AWARD

The University at Buffalo is pleased to present the 2007 award to the Honorable Crystal D. Peoples.

In more than 20 years of public service and 13 as a legislator, Assemblymember Peoples has been an advocate for education, the environment and UB. She has secured millions of dollars to expand Western New York's new knowledge-based economy. Her leadership has resulted in \$26 million for a new Educational Opportunity Center in downtown Buffalo, refinancing of the Superfund to clean up a toxic waste site on East Ferry Street in Buffalo, an additional \$50 million for the Buffalo Public School System, and numerous other positive impacts for the community.

Since joining the New York State Assembly in 2003, Peoples has worked tirelessly to improve the economic, environmental, cultural, academic and health conditions for her constituency. She has been an invaluable partner to the university and has provided critical leadership and support for UB's plans for growth and the continued development of our third campus in downtown Buffalo.

In November 2006, Peoples was elected to a third term in the New York State Assembly, where she represents the 141st Assembly District, a diverse section of the City of Buffalo. She chairs the subcommittee on Oversight of Minority and Women-owned Business Enterprises (MWBE). In that role, Peoples has delivered legislation to fund a disparity study to review MWBE participation in state contracts, as well as legislation to address the MWBE certification process. She serves on seven other committees and has secured funding for nurses in Buffalo Public Schools and a record state investment of \$646 million in the city of Buffalo for 2006-07.

Born and raised in Buffalo, Peoples graduated from Buffalo State College with a master's degree in student personnel administration and a bachelor's degree in elementary education. Since she has held public office, Assemblymember Peoples has been a champion of the University at Buffalo. For that commitment and for her partnership and leadership, we are proud and honored to award her the 2007 Igniting Ideas Award.





## KEYNOTE SPEAKER

*"Delivering Energy While Delivering Climate Change: Is It Possible?"*

**Steve Holliday**

*Chief Executive, National Grid Group, PLC*

Holliday joined National Grid Group, PLC as the board director responsible for the UK and Europe in March 2001.

Following its merger with Lattice Group in October 2002, he took responsibility for the Group's electricity and gas transmission businesses. He was then appointed group director responsible for UK Gas Distribution and Business Services in 2003.

Prior to joining National Grid, PLC, he was on the Board of British Borneo Oil and Gas and was responsible for the successful development of its international businesses in Brazil, Australia and West Africa. He also played a leading role in the merger with Hardy Oil & Gas in 1998. Holliday spent much of his early career with Exxon, where he held senior roles in the refining, shipping and logistics part of the business.

Holliday holds a B.Sc. degree in mining engineering from Nottingham University. Besides his role as chief executive of National Grid, PLC, he is non-executive director of Marks & Spencer.

## VITAL PARTNER AWARD

**LOCKHEED MARTIN**



Lockheed Martin is receiving the 2007 Vital Partner award, the highest award bestowed on a company from UB Engineering, in recognition of its longtime support of UB and the School of Engineering and Applied Sciences. Lockheed Martin's multiple partnerships exemplify the benefits gained by faculty, students, research, corporate partners and the community when industry and academia work together.

Among the partnerships between Lockheed Martin and UB Engineering are the federal systems contracts for the U.S. Postal System at UB's Center of Excellence for Document Analysis and Recognition (CEDAR); and supply chain management research conducted for Lockheed Martin by UB's Department of Industrial and Systems Engineering.

Lockheed Martin has also supported the UB Department of Industrial and Systems Engineering with generous philanthropic dollars, actively recruits UB Engineering and Applied Sciences graduates, and hires UB students as co-op students. The company is a sponsor of the engineering school's national engineering honor society chapter, Tau Beta Pi New York Nu, annual honors employment dinner, and UB career services job fairs.

Company executives have long been generous volunteers with our school. Steve Lubniewski, president of Lockheed Martin Enterprise Solutions and Services, is a former member of the UB Engineering Dean's Council. In 1996, Norman Augustine, then vice chairman and CEO of Lockheed Martin and also chair of the National Academy of Engineering, was the first keynote speaker for the event, then known as Industry-University Day.

## PAST AWARD WINNERS INCLUDE:

- U.S. Representative Sherwood Boehlert
- Michael D. Capellas, Chair and CEO, Compaq
- U.S. Senator Hillary Rodham Clinton
- Dorothy Gracz Price, B.S. '49, Industrial Engineering
- David Langstaff, President and CEO, Veridian
- New York State Former Governor George E. Pataki
- U.S. Representative Thomas Reynolds
- New York State Assemblyman Robin Schimminger
- U.S. Senator Charles Schumer
- New York State Assembly Majority Leader Paul A. Tokasz
- New York State Senator Dale M. Volker
- Delphi
- IBM
- Niagara Mohawk, a National Grid Co.
- Praxair Inc.



# C O R P O R A T E S P O N S

## CORPORATE PARTNERS

We thank our corporate colleagues for their support of the University at Buffalo.



Douglas C. Bean, Managing Partner,  
Eric Mower and Associates



*"At Eric Mower and Associates, our motto is: 'To be truly successful, everyone must benefit.' This epitomizes the outstanding work produced by UB's School of Engineering and Applied Sciences. Just as the school is committed to continuous improvement and innovation, so too will it help drive innovation for industry, government, education and other sectors. As evidenced by its overall dedication to excellence, there is no doubt that UB will continue to be a catalyst for growth in our region."*



Chester A. Massari, President,  
RF Communications Division, Harris Corporation



*"Harris RF Communications Division is a leading supplier of secure voice and data communications products, systems and networks to military, government and commercial organizations worldwide. Providing a solid engineering curriculum, UB produces employees ready for industry work. In addition, UB is one of the most diverse engineering schools in the Western New York region, providing Harris RFCD with a strong partnership opportunity to continue making progress on the division's diversity initiatives. We have had recent success in hiring and growing UB graduates into positions of leadership and influence within the division. Harris RFCD looks forward to continuing its longstanding relationship with the School of Engineering and Applied Sciences' Engineering Career Institute (ECI) program."*



Steve Lubniewski, President,  
Lockheed Martin Enterprise Solutions and Services



*"At Lockheed Martin, we believe our greatest asset is our people. Only by being the very best at what we do will we be able to deliver to the nation a next generation fighter aircraft, future manned space vehicle, or complex enterprise system architecture. It all starts with preparation. We are extremely proud of our enduring relationship with the UB School of Engineering and Applied Sciences, many of whose graduates are represented among the top technical and leadership talent across our corporation."*



Dennis W. Elsenbeck, Vice President,  
Business Services, National Grid



*"National Grid USA is a wholly owned subsidiary of National Grid PLC, whose U.S. core business is the delivery of electricity and natural gas. National Grid USA has established itself as one of the 10 largest utilities in the U.S. with the largest electricity transmission and distribution network in the New England/New York service area. Traditional utility structures have evolved dramatically, demanding that technology and enhanced developmental opportunities play an integral role in the future of an ever-expanding National Grid. To meet the challenges and opportunities, we will continue to look to the University at Buffalo's School of Engineering and Applied Sciences as a valued and strategic partner through its diverse program set, engineering excellence, on-site classrooms and R&D. National Grid applauds the University at Buffalo's role in the Western New York economy, industry and in the engineering community."*



John Stanfill, President,  
Northrop Grumman Corp./Amherst Systems



*"As part of a \$30 billion global defense and technology company, the Amherst Systems business unit of Northrop Grumman Corp. is committed to developing and building innovative systems, products, and value-added solutions. To ensure success at every level, we focus on forging partnerships that will strengthen our mission and uphold our corporate values. Our relationship with the University at Buffalo and its School of Engineering and Applied Sciences exemplifies our vision and is truly a significant component to our success both locally and globally. From collaborative research to investing in student scholarships, Northrop Grumman is pleased to partner with the University at Buffalo to build a strong future."*



Steve Angel, Chairman and Chief Executive Officer,  
Praxair, Inc.



*"Praxair celebrates its 100th anniversary this year, tracing its origins to the start-up of our first plant, in Buffalo, in 1907. We continue to serve our customers around the world with innovative systems designs and technologies developed at our engineering and technology center in Tonawanda, and appreciate the continued contribution of UB's graduates and professors to those efforts."*



## CORPORATE SUPPORTERS



ATTO Technology, Inc.



Phillips Lytle LLP





O R S

## CORPORATE FRIENDS

*Carlton Technologies*

*Delaware North*

*EMC<sup>2</sup>*

*Fisher-Price*

*Gerster Trane*

*IIMAK*

*Keller Technology*

*Mills Welding and Specialty Gases*

*URS*

## ABOUT UB ENGINEERING

UB Engineering, with six departments, 3,200-plus students and more than 22,000 graduates throughout the world, is SUNY's largest and most comprehensive engineering and applied sciences school. It offers undergraduate and graduate degrees in computer science and the aerospace, chemical, civil, computer, electrical, environmental, industrial and mechanical engineering fields.

Valuing disciplinary and interdisciplinary research, UB Engineering's outstanding faculty, staff and students conduct an almost \$50 million research program annually, frequently aligning their individual and center efforts with industry partners and government agencies. In preparing tomorrow's technological workforce, the school blends classroom and laboratory education with the practical experience gained through co-ops, internships and summer employment offered by industry colleagues.

**[www.eng.buffalo.edu](http://www.eng.buffalo.edu)  
716-645-2771**



# UB 2020

UB 2020 is the University at Buffalo's strategic plan for achieving enduring academic excellence. Launched by President John B. Simpson and embraced by individuals throughout the university and Buffalo Niagara communities, UB 2020 is the most ambitious transformation at UB since the campus joined the SUNY system in 1962.

In many ways, UB 2020 has become much more than a planning process. With such broad participation, this initiative is on its way to becoming the institutional culture of the university – the prism through which major decisions are made. Among the many results will be a university that is bigger in size, sharper in both focus and physical appearance, and stronger academically than ever before. Specifically, UB 2020 will focus on four strategic areas:

- **Achieving Growth:** In a drive to become one of the top research universities in the country, UB will implement plans to grow by as much as 40 percent by 2020, bringing us into alignment with our peer institutions.
- **Excelling in Academics:** By concentrating our energies in the areas of our greatest academic strengths, UB has placed a premium on academic excellence. These efforts will allow us to realign resources, make strategic investments, develop partnerships, increase synergies across the campuses, and recruit top faculty. The university has identified the following as areas of strategic strengths:
  - Artistic Expression and Performing Arts
  - Civic Engagement and Public Policy
  - Cultural, Historical, Literary, and Textual Studies
  - Extreme Events
  - Health and Wellness Across the Life Span
  - Information and Computing Technology
  - Integrated Nanostructured Systems
  - Molecular Recognition in Biological Systems and Bioinformatics
- **Building UB, The Comprehensive Physical Plan:** For UB to become a model twenty-first-century university – an open place of learning and a generator of new ideas that sets a standard of academic excellence and serves a diverse population in today's knowledge-based society – it must have a physical presence that supports those goals.
- **Transforming Operations:** We will realign operational services, such as human resources, information technology, and sponsored programs, for efficient service and process delivery.

Success through UB 2020 will position UB as one of the top research universities in the country, fashioning an institution that will lead and shape the world in the twenty-first century. A stronger UB will reap rewards for the Buffalo Niagara region through substantial job growth, a better-trained workforce for our state, expansion of commercialization efforts, and the revitalization of our urban core.



## A Greener Shade of Blue

Deeply committed to environmental stewardship through education, research, and civic engagement, UB (whose school color is blue) is a national leader in reducing costs, promoting alternative energy sources, and working to abate climate change. This semester, the university highlighted the prominent global concerns through a range of distinguished speakers known for their insights in the field, in addition to prominent, ongoing efforts of UB faculty, staff, students, and alumni in making our community and our world more environmentally sound.



*"UB has a longstanding partnership with our business community, and a major impact on industry and technology development in the region. This impact will accelerate when we achieve our full potential. As UB grows and prospers, so will Western New York. Working in partnership with our community, we will be the catalyst for regional growth for the coming generation and beyond."*

John B. Simpson  
UB President