



David A. Paterson
Governor



Edward Reinfurt
Executive Director

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Foundation News

FIRSTNANO/CVD AND CUNY BROOKLYN COLLEGE/NYSTAR-CAT SIGN SPONSORED RESEARCH AGREEMENT TO DEVELOP ZNO NANO MATERIALS AND RELATED DEVICES

FirstNano, a division of CVD Equipment Corporation (CVD) and The City University of New York at Brooklyn College, announced the signing of a Sponsored Research Agreement to jointly develop Zinc Oxide (ZnO) nano materials and related semiconductor devices. This joint research is also supported by a matching NYSTAR-CAT Grant. Under the terms of the agreement, CVD has a non exclusive license and an option to an exclusive license of CUNY Intellectual Property related to this project and that is developed either solely by Brooklyn College researchers or jointly with the First Nano/CVD team. [See Press Release](#) [TOP](#)

STONY BROOK UNIVERSITY RESEARCHER ACHIEVES BREAKTHROUGHS IN MID-IRREDIRED DIODE LASERS

Stony Brook University's NYSTAR-designated Center for Advanced Sensor Technology announced the achievement of record-breaking output performance by new electrically pumped semiconductor lasers emitting in the mid-infrared spectral region. Developed in the laboratory of Gregory Belenky, Distinguished Professor in the Department of Electrical and Computer Engineering at Stony Brook University, the devices operate at room temperature in contrast with conventional devices, and produce continuous output of up to 32 times the power of devices previously reported. [See Press Release](#) [TOP](#)

UALBANY NANOCOLLEGE CHOSEN FOR PRESTIGIOUS INTERNATIONAL CONSORTIUM FOCUSED ON RENEWABLE ENERGY TECHNOLOGIES

The International Renewable Energy Technology Institute ("IRETI") announced that the College of Nanoscale Science and Engineering ("CNSE") of the University at Albany has been selected to participate on behalf of the State of New York in this newly formed global consortium designed to accelerate the adaptation and implementation of renewable energy technologies around the world. [See Press Release](#) [TOP](#)

CAMM RESEARCH HUB OPENS IN ENDICOTT

**Edward
Reinfurt at
CAMM
Opening**

Edward
Reinfurt at
CAMM Opening

The Center for Advanced Microelectronics Manufacturing, inaugurated in Endicott, will function as a research and development hub where industry and academia come together to build new types of electronic systems, tools and processes for use in areas such as the military, homeland security and solar energy applications. CAMM's corporate members include EI, General Electric, Kodak, Corning, Texas Instruments and Samsung Electronics. Additional partners and supporters include NASA, the Army Research Laboratory and New York

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State Foundation for Science, Technology and Innovation. [See Article](#) [TOP](#)

NY LOVES BIO ANNOUNCES INNOVATION AWARD WINNERS

New York Loves Bio, in partnership with NYSTAR, announced the winners of a competition for two \$10,000 Innovation Awards in life sciences. The awards will allow two of New York's emerging life science firms to participate fully in the New York State Pavilion at BIO International 2008 in San Diego, June 17-20.

"NYSTAR congratulates these two emerging life science companies for being selected as the NY Loves Bio 2008 Innovation Award Winners. The Bio International 2008 Conference will provide these companies a unique opportunity to showcase their talent to an international audience and establish new industry partnerships to further their successful growth here in New York State." said Edward Reinfurt, Executive Director of the New York State Foundation for Science, Technology and Innovation (NYSTAR). [TOP](#)

NEW STAFF MEMBERS JOIN NEW YORK STATE SCIENCE AND TECHNOLOGY LAW CENTER

The New York State Science and Technology Law Center (NYS STLC) at Syracuse University College of Law has announced the appointment of two associate directors, H. Hubert Yang and Molly C. Zimmermann, who will lead and direct the research, administrative and other grant-related activities of the NYS STLC. [See Press Release](#) [TOP](#)

New York State Economic Development Council Editorial: SHAPING NEW YORK'S FUTURE "INNOVATION ECONOMY"

There is good news about the growth of New York's innovation economy; Technology leadership is driving innovation and creating job growth. As Executive Director of the Foundation for Science, Technology and Innovation (NYSTAR), everyday I see examples of old and new partnerships between academia and business continuing this momentum. New collaborations among government, academia and industry have contributed to the growth of an economy in New York that is increasingly knowledge-based, globalized, IT-driven, and innovation-based. New York's strategic plan to invest in R&D leads to commercialization of new technologies and economic growth.

[See Editorial](#) [TOP](#)

Crain's New York Business: BILLIONS FLOW IN SCIENCE RACE

In January, Yeshiva University's Albert Einstein College of Medicine opened 40 laboratories for examining everything from new vaccines to the best treatments for diabetes. Einstein hopes the 200,000 square feet of modern lab space will lure more of the nation's top researchers and help the school claim a bigger piece of the National Institutes of Health's funding pie. "We've got a lot of work ahead of us," says Edward Reinfurt, executive director of the New York State Foundation for Science, Technology and Innovation. "We've lost part of our share of the nation's funding over the last 20 years, and it's a challenge for everyone involved in supporting medical research in the state to regain that share." [See Article](#) [TOP](#)

\$6 MILLION RESEARCH LAB WILL PRODUCE ETHANOL AND OTHER BIOFUELS FROM GRASSES AND BIOMASS

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A former agricultural engineering, power and machinery lab at Cornell is being gutted to make way for a state-of-the art Biofuels Research Laboratory that will convert perennial grasses and woody biomass into cellulosic ethanol and other biofuels and will occupy the entire east wing of Riley Robb Hall by January 2009. [See Press Release](#) [TOP](#)

New York State News

GOVERNOR PATERSON ANNOUNCES GRANTS FOR UNIVERSAL BROADBAND

Governor David A. Paterson announced that nine public/private sector partnerships will receive funds to help promote the research, design and implementation of innovative solutions to create affordable broadband Internet access for underserved urban and rural communities throughout the state. [See Press Release](#) [TOP](#)

MORE THAN 1,000 NEW YORKERS JOIN COALITION TO PUSH FOR COMPREHENSIVE UPSTATE REVITALIZATION PLAN

During a visit to Rochester, Governor David A. Paterson reaffirmed his commitment to the Upstate Revitalization Fund and accepted signatures from more than 1,000 members of a growing statewide coalition of New Yorkers who support a comprehensive plan for revitalizing the Upstate economy. The community leaders joined together to endorse the administration's plan and affirm their commitment to creating a vital Upstate economy. [See Press Release](#) [TOP](#)