Cornell University

Center for Technology Enterprise and Commercialization

WHERE INNOVATIONS MEAN BUSINESS

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Welcome to Cornell Technology Transfer

The Cornell Center for Technology Enterprise and Commercialization (CCTEC) recently welcomed its new leader, Dr. Alan Paau from the University of California San Diego where he led the technology transfer program for the last nine years. Dr. Paau's appointment as Executive Director and Vice Provost for Technology Transfer and Economic Development reflects the significance that Cornell attaches to it technology transfer program and its land-grant missions. Dr. Paau will supervise the CCTEC offices both in Ithaca and at the Weill Cornell Medical College in New York City as he splits time between the two campuses. For more info, see the announcements for Ithaca and Weill.
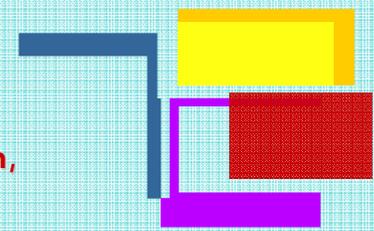
CCTEC is committed to facilitating the development of Cornell innovations into beneficial products for public good. It also seeks to leverage such opportunities for regional economic development by active and broad interactions with potential industry partners that include companies, entrepreneurs, investors, consultants and service providers to cultivate a favorable ecosystem that may nourish technology-based industry clusters using the Cornell campuses as the nuclei of such activities.

Interested parties may look forward to increased communications and outreach efforts by CCTEC to promote networking and collaboration opportunities. CCTEC welcomes suggestions and will look forward to receiving your input at cctecconnect@cornell.edu

Cornell Faculty Breakfast with Venture Capitalists

Did you know? Cornell scientists at the Vet School invented the vaccine for the canine parvovirus, one of the standard vaccinations the vet will give your puppy

In partnership with the New York City Investment Fund (NYCIF), CCTEC recently hosted a breakfast gathering for regional venture capitalists on May 4 in the Weill Greenberg Center at Weill Cornell Medical College to meet with selected Weill Cornell faculty members.
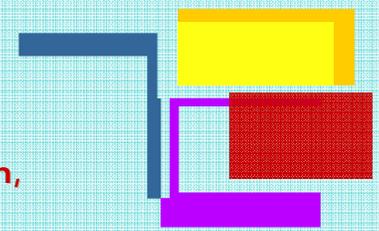
The following Cornell faculty briefed attending venture capitalists on their research projects:

- Douglas J Ballon, PhD, Radiology
- Neil H Bander, MD. Urology
- Jochen Buck, MD, PhD, Pharmacology
- Claudia Henschke, MD, PhD, Radiology
- Lonny R. Levin, PhD, Pharmacology
- Hsiou-Chi Liou, PhD, Immunology
- Theodore H. Schwartz, MD, Neurosurgery
- Kendall A. Smith, MD, Immunology
- Jonathan D. Victor, MD, PhD, Neurology
- David Yankelevitz, MD, PhD, Radiology

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Cornell faculty Hsiou-Chi Liou and Jonathan Victor present their research

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Representatives from the following venture investment organizations were among the attendees: KBL Healthcare Ventures, Elm Street VEntures, NGN Capital, BioCatalyst International, Ascent Biomedical Ventures, Easton Hunt Capital Partners, Accelerated Technologies Partners, L Capital Partners, New Enterprise Associates, OrbiMed, WFD Ventures, CHL Medical Partners, Cross Atlantic Partners, Health Enterprise Partners, Foundation Medical Partners, and Ivy Capital Partners. Other attendees included members of the New York City Economic Development Corp., NYCIF, the Eisenhower Fellowship and CCTEC.

Based on the positive feedback received by CCTEC, we look forward to hosting similar events in the future. We also would like to thank Dr. Maria Gotsch of NYCIF and Dr. Caren Heller, Assistant Dean for Inter-Campus Initiatives, Weill Cornell Medical College, for their interest, support and taking the initiative with the event.

***Did you know?** Last year Cornell had active licenses for technologies in over 50 states and in Canada, Europe, South American, Africa and Asia*

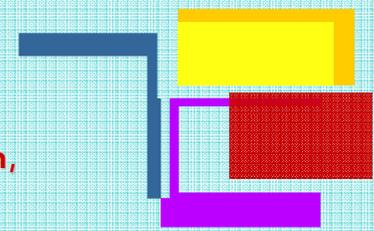## Achronix: Cornell Technology in Silicon Valley

Achronix Semiconductor (http://www.achronix.com) is a thriving startup founded on a Cornell invention by Professor Rajit Manohar of (Electrical & Computer Engineering) in 2004. The computer chip technology not only speeds up the performance of a type of chip called "field programmable gate array," or FPGA chips, but also allows them to maintain the performance in extreme environmental conditions.   FPGA chips have an estimated $4 billion market and are devices commonly used in products such as video game units, cameras, automobiles and many others.

After finishing the initial development work in Ithaca, the company established its presence in San Jose to facilitate its commercial development activities. The company recently received $25.4 million in Series A equity financing in January, 2007 and then announced an alliance with Mentor Graphics in May 2007.

Achronix is a licensee of several Cornell technologies and has been recognized by EETimes in its list of top 50 companies in 2005 and in its version 5.1 of "Silicon 60" of emerging companies.

For more information, go to www.achronix.com or contact Ernie Davis, emd37@cornell.edu

Upcoming Events at CCTEC

Local Events

June 12, 2007 in Ithaca, NY

"Pizzas and IP" will be held from noon to 1 PM in the Upson Lounge on campus. Our campus host will be the Cornell College of Engineering and the event will be sponsored by the Bond Schoeneck & King (BSK) law firm. In this informal town hall event, CCTEC professionals and Mr. William Greener, a representative of BSK, will be present to lead discussions on issues related to technology-based startups. This is a free event. Please register by email to cctecconnect@cornell.edu

July 12, 2007 in Palo Alto, CA

Dr. Alan Paau of CCTEC will be a guest speaker at this Cornell Entrepreneur Network in Silicon Valley event to share with Cornell alumni his vision on technology transfer, entrepeneurship and economic development. Please go to http://cen.cornell.edu/event_attendance.php?event_id=218 for more information and registration.

If you would like to sponsor or co-host an event with CCTEC, please contact cctecconnect@cornell.edu

Do you know someone who would be interested in receiving future CCTEC newsletters? Please send mail to cctecconnect@cornell.edu with their complete contact information.

About CCTEC
The Cornell Center for Technology Enterprise and Commercialization (CCTEC) connects industry partners to technological innovations created by Cornell researchers. CCTEC supports faculty at Cornell's main campus in Ithaca, New York and at the Weill Cornell Medical College in New York City. CCTEC facilitates the commercialization of Cornell technologies by securing the proper intellectual property rights protection, and by marketing and licensing the technologies to businesses.

***Did you know?** That Ezra Cornell, the founder of Cornell University, first got involved in the telegraph business by inventing a machine that dug a trench, laid a pipe with the telegraph wire inside, and then buried the pipe as it went.*

Despite his impressive invention, condensation in the buried lead pipe impeded the electrical current in the wire and therefore transmission of the Morse code. Ezra Cornell then demonstrated his problem-solving ability by hanging the wire in telegraph poles instead and made his fortune as a founder of Western Union. Although his patented invention later found many other practical uses, it did not contribute significantly to the business fortune he made with Western Union.