

# BEACON Newsletter

The Biomedical Engineering Alliance and Consortium

June 10, 2002

## BEACON IN THE NEWS

During the past several months the administrative offices of BEACON have been approached by a number of organizations to: (1) provide assistance in informing the Connecticut research and development community about recent advances in the field of Biological Engineering and, (2) educate business leaders about the opportunities that innovations in new medical technology offers to the economic well being for the "Knowledge Corridor" which extends along I91 from Northampton, Massachusetts to New Haven, Connecticut. Efforts to accomplish these goals have put BEACON in the news.

### BEACON Co-sponsors CASE Symposium

During the early part of 2002, BEACON was approached by the Connecticut Academy of Science and Engineering (CASE) to assist in the development of a Symposium for its members and other interested scientists and engineers in the state of Connecticut. With this in mind, Dr. Joseph D. Bronzino, working with Drs Thom Chen (UConn), Kent Morest (UCHC) and Myron Genel (Yale), organized a Symposium "Advances in Biological Engineering". This Symposium was presented Wednesday, May 8, 2002 and featured the following speakers.

#### Neural Engineering

##### John White PhD

Biomedical Engineering Department  
Center for Biodynamics, Boston University

#### Embryonic Stem Cell Technology

##### Michael Shamblott, MD

Department of Gynecology and Obstetrics  
Johns Hopkins School of Medicine

#### Functional Genomics

##### Reen Wu, PhD

Center for Comparative Respiratory Biology and  
Medicine  
University of California

Approximately 120 attended this event. In addition, Dr. Joseph D. Bronzino was the dinner speaker at the CASE annual award ceremony that evening and presented a lecture entitled "The Evolution of Biomedical Engineering and BEACON".

### BEACON's Views Presented at the CCSU Symposium

During the past 6 months, Paul Gagnon, an individual member of BEACON, organized a Symposium to address the issue of Biotechnology's role as an economic engine for the state of Connecticut. This Symposium took place on May 9, 2002 at Central Connecticut State University (CCSU). As part of this event, Dr. Joseph D. Bronzino, the President of BEACON, was part of a panel focusing on "Biotechnology - An Engine of Regional Economic Development". The speakers on this panel included:

**Frederick Byron, Jr., Ph.D.**, Vice Chancellor for Research, University of Massachusetts, Amherst

**Peter Bakal**, Deputy Director for Economic Development, Republican Ways & Means Committee, New York State Assembly

**Bruce Carlson**, Special Assistant to the President for Economic Development, University of Connecticut, Storrs

**Joseph Bronzino, Ph.D., PE**, President of the BEACON Alliance

Over 100 people attended this event.

#### Mission Statement:

BEACON pledges to facilitate a collaborative alliance among its academic, industrial and clinical members. Our goal is to stimulate collaborative research, promote industrial partnering within the alliance and foster the development of new companies whose primary objectives are to advance biomedical science and create innovative engineering solutions in healthcare.

For more information check out our website at:

**[www.beaconalliance.org](http://www.beaconalliance.org)**

BEACON, the Biomedical Engineering Alliance and Consortium Collaborative Team (2002): Trinity College, The University of Connecticut, The University of Hartford, The University of Massachusetts at Amherst, Hartford Hospital, John Dempsey Hospital, Saint Francis Medical Center, Baystate Medical Center, The University of Stuttgart and University of Freiburg Medical School. Corporate Sponsors include Pfizer, TYCO Kendall Health Care, GE Medical, Boston Scientific, Court Square Data Group, Pepe & Hazard, Pullman & Comley, The Steinbeis Foundation (Germany), Premise Development, UBS Paine Webber, and McCormick, Paulding & Huber.

On Thursday, May 23, BEACON exhibited at the annual Connecticut Business Exposition held at the Hartford Civic Center. The exhibit included NetMarketing.com, an internet marketing and consulting company, and Premise Development, a medical software development firm, both BEACON members.



In addition, Dr. Joseph D. Bronzino, President of BEACON, spoke on a panel at the Exposition. The panel topic was "Technology: Propelling Connecticut's Businesses Into the Future" The speakers included were:

- Joseph D. Bronzino  
President of BEACON
- David Epstein  
CEO, Connecticut Telephone
- Deborah Pasquale  
President, CURE

### **Bronzino Receives ACCE Award**

At the recent AAMI (Association for the Advancement of Medical Instrumentation) conference held in Minneapolis, Minnesota, Dr. Joseph D. Bronzino was presented with "The Professional Development Award" by The American College of Clinical Engineers (ACCE). This award recognizes life-long achievement in the field of Clinical Engineering. In attendance were over 100 colleagues, many of them former students of the Clinical Engineering Internship Program.

### **BEACON Bioethics Seminar Stem Cell Research: Unraveling the Mysteries and Moral Issues**

Springfield Technical Community College  
Wednesday, June 19, 2002  
5:00-7:00pm

Dr. Thomas Chen Director of the Biotechnology Center, University of Connecticut, Storrs  
Dr. Maurice Wade Department of Philosophy, Trinity College

### **World Genomics Symposium and Exposition September 18-20, 2002 Atlantic City Convention Center, New Jersey**

BEACON has been invited to provide a presentation on "Industry and Academic Partners that Work". BEACON partners that have an interest are invited to work with the administrative offices of BEACON to participate in the presentation. All BEACON members are encouraged to attend this event, especially since BEACON members will be given free entrance to the World Genomics Exhibition and discounted conference rates.

### **BEACON Symposium, "Cardiovascular Technology: Medical Devices and Tissue Engineering", and Technology Fair**

Thursday, October 31, 2002, 8:30am – 5:00pm

To reserve poster space contact Jane Mussehl at (860)297-5364 or [jane.mussehl@beaconalliance.org](mailto:jane.mussehl@beaconalliance.org)  
To reserve exhibit space contact Bob Miller at (860)297-4017 or [robert.miller@beaconalliance.org](mailto:robert.miller@beaconalliance.org)

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