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**2010 Future of Health Technology Award  
Presented to Professor Benjamin L. Miller of the University of  
Rochester on Sept. 27 at the MIT Faculty Club**



(Photo caption: The Future of Health Technology Award, presented annually, is in the form of a statue of Pegasus, the winged horse of inspiration.)

**HOPKINTON, MA., Aug. 19, 2010**—Professor Benjamin L. Miller of the University of Rochester has been named the recipient of the 2010 Future of Health Technology Award for his pioneering work in the development of super-sensitive diagnostic devices, it was announced today.

The award will be presented during the annual Future of Health Technology Summit, to be held in Cambridge from Sept. 27-28. The summit will focus on the development of new health technologies across the globe.

Miller's work is exemplified by the development of new biosensors and diagnostic devices, including the "DNA NanoLantern" and sensors sensitive enough to detect single viruses.

He has detailed some of this work in a recent chapter, “Diagnostics for a Personalized Medical Future: Extending our Senses to the Molecular Scale,” that appears in the book “Strategy for the Future of Health,” published by IOS Press. He has also been instrumental in developing new drug discovery methods, described in a recent book, “Dynamic Combinatorial Chemistry.”

“The award is given to those whose work can help reduce suffering, maximize the potential for self-realization and extend human potential with technology. Professor Miller’s efforts truly improve the human condition and will revolutionize the way we live,” said Renata Bushko, director of FHTI.

Miller is currently developing a new interdisciplinary program of study called, “Systems for Continuous Self Care: Bringing Health Care Home” at the University of Rochester.

The Future of Health Technology Award is in the form of a statue of Pegasus, the winged horse of inspiration. The award features crystal eyes and one extra nano-diamond eye in the middle of the forehead to reflect extra insight that future health technologies will provide. Apollo Diamond Inc. provided the laboratory-grown diamond crystal.

### **About The Future of Health Technology Institute**

The Future of Health Technology Institute in Hopkinton, Mass., is the health technology think tank dedicated to defining the health technology agenda for the 21st century. The institute was established to identify the most promising technologies to improve the quality of health care and to define promising health technology research areas needed to meet future health challenges. Renata Bushko ([Bushko@fhti.org](mailto:Bushko@fhti.org)) has chaired annual Future of Health Technology summits since founding the institute in 1996. These summits engage creative minds from the technology and healthcare fields in envisioning the future of technology for global healthcare. For further information and summit registration, visit the Web site at [www.fhti.org](http://www.fhti.org).