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Future of Health Technology Summit™ Investigates how Science, Technology, Medicine, Art Can be Mined for Happier, Longer Lives

CAMBRIDGE, Mass., Sept. 22, 2011 – The annual Future of Health Technology Summit™ will take a forward look at how developments in science, technology, medicine and art can be mined for happier, longer lives.

The summit, presented by the Future of Health Technology Institute of Hopkinton, will take place Monday and Tuesday at the MIT Faculty Club.

Among the many looks into the future, Dr. Charles O. Pannenberg, formerly chief health advisor and health scientist at the World Bank, will take a look at fundamental changes in global health technology patterns in 2025 and beyond.

Dr. Michael Gillam, director of Microsoft Healthcare Innovation labs, will consider advances in health information technology. Albert Di Rienzo, president and CEO of Blue Highway will look at anticipated changes in the medical device industry. And Alex Pentland of the MIT Media Laboratory will look to future social networks and the impact on public health.

Professor Sanjay Sarma, an MIT professor of mechanical engineering, will provide general remarks on the future, while Allan Cameron and James Wilson of Continuum Advanced Systems speak about the future of humanistic design.

The future of medicine will include lectures on rehabilitation by Franco Molteni, director of Italy's Valduce Hospital; a talk on implantable diamond neurosensors by Professor Heidi Martin of Case Western Reserve University, the simulation of disease processes for patient education by Dr. John Moore of the MIT Media Lab, a scenario where medical devices can peek at medical records instead of doctors by Albert Goldfain of Blue Highway, and update on virtual health workers from Tim Bickmore of Northeastern University.

Daniel G. Anderson of the MIT-Harvard Science Technology Program will look at the future of cancer research, and Neal Woodbury, professor of chemistry and biochemistry at Arizona State University will speak on the future of anticipatory medicine, whereby monitoring devices detect and fix problems such as low blood sugar before the patient experiences any symptoms.

Among demonstrations, developer Matt Centrella, a recent graduate of Berklee College of Music's electronic production and design department, will show of his TheriPad Suite, a set of

games developed for the iPad by which simple gestures and touches evolve into a unique musical experience.

Marvin Minsky will talk about music, a subject he has written and commented on for more than 30 years. Peggy Coddington of Berklee will give an address on the music and brain.

In the area of software and computing, Jim Karkanias, Microsoft's senior director of applied research and technology, will give a presentation on brain-like software. And David Ferrucci will speak about his work on intelligent software for the Watson computer that created a television sensation when it competed on The Jeopardy Challenge.

A look at the future of quantum computing by Paola Capellaro of MIT's Department of Nuclear Engineering and Engineering as well as "materials as software" by Neri Oxman of the Media Lab will take the group into 2030.

Dr. Craig Feied of Microsoft Health Solutions Group and Georgetown University will receive the 2011 Future of Health Technology Award for his pioneering work in medical informatics.

This year's entire conference soon will become available on YouTube, FutureofHealthTech channel. The conference from 2010 has been posted.

The full agenda for the conference is available at www.fhti.org.

About The Future of Health Technology Institute

The Future of Health Technology Institute in Hopkinton, Mass., is the leading 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) 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, visit the Web site at www.fhti.org.

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