

Office of Medical Education — Learning and Teaching

Faculty Development Series: Curricular Integration—The “Genes to Society” Model

March 4, 2015 | AHC 4 101 | 1:00 p.m. —2:30 p.m.

RSVP at chacast@fiu.edu

WITH JOHNS HOPKINS PROFESSOR CHARLES M. WIENER, M.D.

In *The Structure of Scientific Revolutions* (1962), Thomas Kuhn utilized the word ‘paradigm’ to characterize a set of scientific beliefs that differed from current dogma. Kuhn postulated that science does not progress in a linear fashion, but rather through periodic ‘paradigm shifts’ instigated by research and technological advancement. Medicine is currently in the early stages of its next historical paradigm shift precipitated by the elucidation of the human reference genome in 2003. In this new medical paradigm, the continuum of human health and disease will be understood, investigated, and practiced in the context of individuality. Genes to Society represents the translation of this paradigm into education and practice. This presentation will briefly review medical paradigms that preceded the Individuality Paradigm; discuss the context for prevention, risk assessment, treatment, and education in the new paradigm; and stimulate discussion of strategies to improve human health within the framework of individuality.

About the Speaker

Charles M. Wiener, M.D., is Professor of Medicine and Physiology at Johns Hopkins School of Medicine. From 2010-2014, he was the founding Dean/CEO of Perdana University Graduate School of Medicine (PUGSOM) in collaboration with Johns Hopkins School of Medicine in Selangor, Malaysia. PUGSOM is the first and only graduate entry medical school in Malaysia.

Dr. Wiener graduated from Duke University (Management Science) and the University of Miami School of Medicine. He completed specialty training and Chief Residency in Internal Medicine at the University of Washington in Seattle from 1982-1986. In 1986-1987 Dr. Wiener was an American Heart Association Research Fellow in the Hammersmith Hospital Respiratory Physiology unit in London. He joined the faculty at Johns Hopkins in 1991 after completing his fellowship in Pulmonary and Critical Care Medicine. From 2000-2010, he was the Vice Chairman of the Department of Medicine and Director of the Osler Internal Medicine Training Program. From 2003-2008, he was Chair of the Curriculum Reform Committee that created the novel “Genes to Society” medical school curriculum that was implemented at Johns Hopkins in 2009. Beginning July 2015, he will be the Director of the a new undergraduate major at Johns Hopkins in Medicine, Science, and Humanities.

Dr. Wiener has won numerous awards at Johns Hopkins for medical student teaching and housestaff mentorship including the Johns Hopkins Professors Teaching Award, the Osler Housestaff Teaching Award, and the George Stuart Award for Clinical Teaching. He is the author of numerous scientific publications; Harrison’s Internal Medicine Self-Assessment (editions 16, 17, 18) and is an Associate Editor of the American Journal of Medicine. He serves as an educational consultant for Duke Corporate Education and is on the International Advisory Board of the new Qatar University College of Medicine.

Dr. Wiener and his wife Anne Rompalo, M.D., also a Professor of Medicine (Infectious Disease) at Johns Hopkins, live in Baltimore. He is an avid sailor, squash player, and scuba diver.

