Symposium

Post-Graduate Medical Education

Date: November 13 (Tuesday), 2007  
From 17:30 to 19:30

Place: Shinryoku-kaikan (Alumnus Hall), School of Medicine,  
Kusunoki cho, Chuo-ku, Kobe

Chairman: Prof. Masafumi Matsuo, Department of Pediatrics

The Graduate School of Medicine invited two speakers from the University of Washington to give us an insight on the future of doctoral education and what is expected of Medical School.

Molecular Medicine: New Training at the Interface of Medical and Graduate Education

The last decade has seen enormous advances in our ability to apply advances in the basic biomedical and genomic sciences and in biotechnology to the understanding, diagnosis and treatment of human disease. We need to train a new generation of researchers to use advances in basic sciences to solve problems relevant to human disease; and, conversely, to use insights from human disease processes to solve fundamental biological problems. How can we best do this? At the University of Washington, we have launched a new program, the Molecular Medicine Training Program, which introduces elements of medical school training in the Ph.D. curriculum: case-based courses and clinical exposure. Similar initiatives have been started at other US institutions. This may provide a new model for education of biomedical researchers.

(Excerpt from Dr. Nancy Maizels' abstract)

Designing Future Oriented Doctoral Education

Common, but outdated assumptions have shaped approaches to doctoral education and the thinking about successful PhD outcomes worldwide. Global forces affecting the market for knowledge are changing the enterprise of doctoral education. Today national governments worldwide view doctoral education as a key component in efforts to achieve economic competitiveness through research and innovation. Forward thinking leaders know that graduate education must continuously assess its performance against current and future standards of success. Professors will need to not only prepare PhD students for multiple careers inside and outside academe and foster professional development, but also, they will need to prepare themselves and their doctoral students to become world-citizens.

(Excerpt from Dr. Maresi Nerad's abstract)
Speakers

Nancy Maizels, Ph.D., Professor, Departments of Immunology and Biochemistry
University of Washington School of Medicine

Nancy Maizels is a Professor of Immunology and Biochemistry at the University of Washington School of Medicine, and Director of its Molecular Medicine Training Program. Dr. Maizels received her undergraduate degree from the University of California at Berkeley; her PhD. from Harvard University; and was a Junior Fellow of the Society of Fellows at Harvard. She was Professor of Molecular Biophysics and Biochemistry and of Genetics at Yale University School of Medicine prior to moving to the University of Washington in 2000. Dr. Maizels' laboratory studies mechanisms of genomic stability and instability in mammalian cells, particularly in antigen-stimulated B cells. Her research has practical implications for understanding the origins of cancer and for creating new approaches to gene therapy.

Maresi Nerad Ph.D., Associate Graduate Dean; Director, Center for Innovation and Research in Graduate Education (CIRGE); and Associate Professor at University of Washington

In Fall 2002, Maresi Nerad became the founding director of the Center for Innovation and Research in Graduate Education (CIRGE), the first such center for studies on graduate education in the US and worldwide. A major resource for information on doctoral education, CIRGE establishes empirical bases for trend assessment, policy decisions, and evaluation of innovations in graduate education in an international context. Its research enables graduate programs to respond effectively to the most challenging issues in graduate education today: accountability, internationalization, interdisciplinary work, and the increase of dual career PhD couples in the workforce. Under her leadership CIRGE produces publications, presentations and forums which foster broad, insightful dialogues on the complex factors influencing doctoral education, and builds collaborative, international networks of thought leaders and program innovators worldwide.
Since 2003 Nerad has served as Associate Graduate Dean, Graduate School, University of Washington, where she is responsible for researching quality indicators of graduate and postdoctoral education, fostering innovative, interdisciplinary National Science Foundation (NSF) funded doctoral programs, and stimulating the internationalization of graduate education at UW.

This program is cosponsored by 2007 Kobe University Global COE Program, “Global Center for Education and Research in Integrative Membrane Biology.”