



For immediate release
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**PROFESSOR LEROY L. CHANG
AWARDED BALLANTINE MEDAL**

Professor Leroy L. Chang of the Hong Kong University of Science and Technology has been named the 1993 recipient of the Stuart Ballantine Medal by the Franklin Institute of Philadelphia. The Ballantine Medal, one of the most prestigious awards in the field of science, honors his pioneering contributions to the study of quantum well and superlattice heterostructures in semiconductor physics.

Professor Chang, who was recently appointed Dean of Science and Professor of Physics at HKUST, comes to Hong Kong following a distinguished career as a research physicist at IBM's T. J. Watson Research Center. Research groups that he led at IBM were at the forefront of efforts to investigate the electronic and optical properties associated with ultra-thin materials, opening up a new area in condensed matter science.

Professor Chang received his PhD in solid state electronics from Stanford University in 1963. He has published over 200 scientific papers and holds more than 20 patents for his discoveries. In 1985 the American Physical Society awarded him its International Prize for New Materials. In 1989 he received IBM's highly prized Corporate Award for outstanding contributions and inventions throughout his career. In 1990 the Institute of Electrical & Electronic Engineers honored him with its David Sarnoff Award.

He is a Fellow of the American Physical Society and the Institute of Electrical and Electronic Engineers. In 1988 he was elected to membership in the U.S. National Academy of Engineering.

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