

PRESS RELEASE
WINNERS ANNOUNCED
2011/1432H KING FAISAL INTERNATIONAL PRIZE
FOR
SCIENCE

TOPIC: CHEMISTRY

Riyadh, 17 January 2011 - 13 Safar 1432H, HRH Prince Khalid Al-Faisal, Director of King Faisal Foundation, tonight announced the winners of the King Faisal International Prize.

The King Faisal International Prize for Science (Chemistry) for this year 2011 (1432H.) has been awarded jointly to:

Professor George Whitesides (USA)

Harvard University

and

Professor Richard Zare (USA)

Stanford University

Professor Whitesides has revolutionized the field of self-assembly using molecular scale synthesis to control the macroscopic properties of surfaces. This and his work on soft lithography, where he developed practical methods to mold complex patterns on surfaces, are relevant to diverse fields such as molecular electronics, material science and biology. Professor Whitesides has recognized and developed connections between Nano science and biological systems, leading to new paradigms for drug design, which may enable new and inexpensive approaches to bioscience and medical diagnostics.

Professor Zare is recognized for his fundamental contribution to the understanding of molecular dynamics and chemical reactions. He developed the extremely sensitive technique of laser induced fluorescence and pioneered its application in many fields ranging from analytical chemistry and molecular biology to astrophysics (composition of interstellar media).

Note to Editor:

- Over the past 33 years, a total of 46 scholars from 11 different countries have won the King Faisal International Prize for Science.

- The topic for the 2012 King Faisal International Prize for Science is *(Biology)*.The deadline for nomination is **1 May 2011**.