ANNOUNCEMENT
FROM THE GENERAL SECRETARIAT OF
THE KING FAISAL INTERNATIONAL PRIZE
ON THE RESULTS OF THE SELECTION COMMITTEES
IN THEIR MEETINGS HELD
BETWEEN 20/2/1433H-22/2/1433H
CORRESPONDING TO 14/1/2012G-16/1/2012G

Riyadh, 16 January 2012 - 22 Safar 1433H, HRH Prince Khalid AI-Faisal, Director of King Faisal Foundation, tonight announced the winners of the King Faisal International Prize.

The King Faisal International Prize for Science (Biology) for this year 2012 (1433H) has been awarded to:

Professor Alexander J. Varshavsky (USA)
Professor of Cell Biology, California Institute of Technology

Professor Varshavsky has made ground-breaking discoveries into how the living cell works. He elucidated how cell functions are regulated by protein degradation. Proteins are essential parts of organisms and participate in virtually every process within the cell. Cells continuously produce and destroy proteins to ensure optimal function.

Varshavsky's work led to the unraveling of the cellular mechanisms that determine how cellular proteins are being selected for destruction. He also discovered how proteins are marked for rapid degradation. These advances have created a new realm of biology and have been essential for progress in research on human cancer, neurodegeneration, immune responses and other fundamental biological processes. This may lead to clinically useful therapies.

The King Faisal International Prize for Medicine (Minimal Invasive Fetal Management) for this year 2012 (1433H) has been awarded jointly to:

Professor Richard L. Berkowitz (USA)
Tenured Professor of Obstetrics and Gynecology,
Columbia Medical Center, New York
and
Professor James Bruce Bussel (USA)
Professor of Pediatrics, Director of Research and Treatment Program,
Weill Medical College, Cornell University, New York

Professors Berkowitz and Bussel worked together for more than two decades to study the natural history, optimal diagnostic criteria, and management of pregnant women having infants affected with Alloimmune thrombocytopenia. This disease causes intracranial hemorrhage either in-utero or during neonatal period, causing death or substantial disability in 10% of untreated cases.

Professor Bussel has provided expertise in the diagnosis and medical management of these patients through safe administration of intravenous gamma-globulins, while Professor Berkowitz has provided expertise in obstetrical management of these patients. Both professors developed the study protocols, analyzed the data, interpreted the results and wrote the reports for publications. In addition they have served as consultants for clinicians from all over the world seeking guidance for the clinical management of these patients. The worldwide ongoing treatment for this disorder is largely based on their work.

The King Faisal International Prize for Arabic Language and Literature (Computer Processing of the Arabic Language: Individual and Institutional Endeavors) for this year 2012 (1433H) has been awarded jointly to:

Professor Ali Hilmi Ahmed Mousa (Egypt)
Professor Emeritus, Department of Physics,
College of Science, Ain Shams University, Cairo
and
Dr. Nabil Ali Mohammed (Egypt)
Corporate Consultant, Advanced Arabic Systems, Cairo

Professor Ali Hilmi Ahmed Mousa has been awarded the Prize in recognition of his distinguished contributions towards computer applications in Arabic language research, a field he has explored since early stages of computerization and its applications in language Studies. His pioneering work in this field since the 1970's has set an example for other researchers.

Dr. Nabil Ali Mohammed has been awarded the Prize in recognition of his leadership in research and applications of computerized Arabic linguistic studies, coupled with his deep knowledge and remarkable ability to express and analyze his findings and present them as practical programs that benefit scholars of both linguistics and computerization fields. Dr. Mohammed's research on computer-based management of Arabic language provides an indispensable reference to many scholars

and program designers.

The King Faisal International Prize for Islamic Studies (Human Rights in Islam) for this year 2012 (1433H) has been awarded to:

H. E. Professor Adnan Bin Mohammed AI-Wazzan
(Saudi Arabia)
Former President, Umm AI Qura University, Makkah,
Saudi Arabia

in recognition of his highly authoritative, Arabic encyclopedia of human rights in Islam and its attributes in Saudi Arabia. This scholarly and thoroughly researched, 8-volumed text is based on extensive resources from Islamic jurisprudence and contemporary human rights studies, and reflects the writer's experience and depth of knowledge in the field of human rights and his ability to present his work in a comprehensive and well-documented manner.

The King Faisal lnternational Prize for Service to Islam for this year 2012 (1433H) has been awarded to:

Shaikh Sulaiman Bin Abd AI-Aziz AI-Rajhi
(Saudi Arabia)

Shaikh Sulaiman AI-Rajhi, a world leading philanthropist, has been awarded the prize In recognition of his outstanding services to Islam, including:

1- Endowing more than 50% of his wealth for humanitarian purposes, and establishing a special foundation to monitor this endowment, maintain it and ensure that it is spent on its intended recipients.

2- Participating in establishing the world's largest and most venerable Islamic banking institution operating in concordance with Islamic Shari'ah teachings.

3- Contributing regularly towards humanitarian efforts to fight poverty. This is accomplished by providing national and international humanitarian societies with material support and training.

4- Encouraging Ouranic memorization groups and providing them with financial support and prizes, in addition to printing hundreds of thousands of copies of the Holy Ouran and distributing them free of

charge worldwide, particularly in Africa.

5- Establishing non-profit colleges as a nucleus for a university soon to be announced. There are currently three health sciences colleges as well as other academic institutions for developing Arabic and Islamic studies curricula in different languages and for teaching Arabic Language to non-Arabic speakers.

6- Building large mosques with places for prayers, education and seclusion, such as AI-Rajhi mosque in Riyadh and his mosque in Ha'il, each of which accommodates thousands of worshippers.

7 - Investing in major projects aimed at providing food security and serving industry, construction and other sectors.

8- Contributing to the development of Muslim communities. through investment and strengthening of commercial relations with the Islamic world.

9- Encouraging Muslim youth, through his talks and personal Experience, to indulge in private business.

Notes to Editors:

- The topics for the 2013 King Faisal International Prize are: **Science-** *Physics,* **Medicine-** *The genetics of Obesity;* **Arabic Language and Literature-** *Individual and Institutional Efforts in Writing Arabic Dictionaries,* **Islamic Studies-** *Studies on Islamic Criminal Law.* The deadline for all nominations is **1 May 2012.**