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Iraqi Scholars Seeking Academic Positions

As of January 1, 2012

Physical Sciences

<u>Case ID</u>	<u>Degree</u>	<u>M/F</u>	<u>Field</u>
IRAQ341	Ph.D., Iraq (2002)	M	Physics

IRAQ462	Ph.D., UK (1986)	M	Marine Biology
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IRAQ467	Ph.D., Iraq (2004)	M	Physics
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Engineering

<u>Case ID</u>	<u>Degree</u>	<u>M/F</u>	<u>Field</u>
IRAQ466	Ph.D., Iraq (2006)	M	Computer Engineering

Agriculture

<u>Case ID</u>	<u>Degree</u>	<u>M/F</u>	<u>Field</u>
IRAQ406	Ph.D., Uzbekistan (1997)	M	Agriculture

Medical Sciences

<u>Case ID</u>	<u>Degree</u>	<u>M/F</u>	<u>Field</u>
IRAQ204	D.C.H., UK (1980) M.R.C.P.I., Ireland (1980)	F	Medicine

IRAQ286	Ph.D., Iraq (1996)	M	Veterinary Medicine
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IRAQ453	Ph.D., Iraq (2001)	F	Clinical Biochemistry
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IRAQ457	M.D., Lebanon (1998)	M	Nephrology; Internal Medicine
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Social Sciences

<u>Case ID</u>	<u>Degree</u>	<u>M/F</u>	<u>Field</u>
IRAQ441	M.A., UK (1986)	M	Educational Technology

IRAQI SCHOLARS SEEKING ACADEMIC POSITIONS

Physical Sciences

IRAQ341—Physics

This scholar spent 20 years as a scientific researcher and expert before turning to teaching **remote sensing, astronomy, and general physics** and becoming an assistant dean at a well-known Iraqi university. He has published more than 15 papers and 21 technical reports on **GIS** and remote sensing techniques to measure the **impact of urban expansion** and on **spectral reflectance of soil** in the middle and western part of Iraq. One of his most recent research studies explores degradation on satellite images. This scholar is eager to complete research in the following fields: **air pollution** in Baghdad and the main Iraqi cities (using remote sensing data), **water pollution** for Iraqi rivers and lakes (using satellite images), detection of **change of land use by land cover** in the marsh area south of Iraq, and **urban heat land** for Baghdad city (using thermal satellite images). In addition, he would be able to teach courses in principles of remote sensing, **digital image processing**, and general physics.

IRAQ462—Marine Biology

This scholar earned his Ph.D. from the University of Wales in the UK (1985). He has taught undergraduate and post graduate courses in **marine ecology, oceanography, algology, and general biology**. In addition, he has supervised five M.Sc. and four Ph.D. projects on aquatic ecology and algology. He has had 34 of his research articles published on topics related to the **biodiversity of marine life in different aquatic zones** and the effects of agents such as **UV radiation** and **macroalgae** on aquatic life. From 1992 to 1994, he was a **member of a scientific team** charged with **investigating the effects of the Gulf War oil spill**, one of the largest in history on the Arabian Gulf. The scholar has received several grants related to the study of water quality in Iraq and Jordan and he recently started a project to investigate climate change of the Mesopotamian marshes during the Holocene era. He would like to work on a project to study past ecological conditions in the marshes of southern Iraq.

IRAQ467 – Physics

This assistant professor has over 25 years of teaching and research experience in Iraq. His course offerings range from **solid state** and **microwave** courses for undergraduates to advanced courses in **nano-physics technology** and **spectrum analysis** for M.Sc. and Ph.D. students. Interested in research topics such as **solid state electronics/semiconductor devices** and **microwave physics and electronics**, he has published 14 papers in Iraqi journals, including a recent paper studying a newly designed **amplifier as a suitable active device for use in microwave solid state circuits**. A member of the Iraqi Society of Physics and Mathematics and the Union of Iraqi Teachers, the scholar has attended scientific conferences on **physics and materials engineering** throughout Iraq. He hopes to teach and conduct research in the field of microwave physics or electronic solid states while on the fellowship.

Engineering

IRAQ466—Computer Engineering

This scholar has been working in the field of **information technology** for 16 years. While he began his academic life studying physics, specifically **electronic device and computational physics**, he developed an aptitude for **configuring simulation systems** and networks and shifted his focus to computer-related skills such as **programming languages**, analysis, and troubleshooting. Since 2006 he has been a lecturer at a prominent university in Iraq, teaching courses ranging from **network communications** and **software engineering** to **advanced discrete mathematics** and **advanced operating systems**. He has supervised

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the graduation projects of ten undergraduate students, including a recent student project on the design of a "fuzzy expert system" for navigation control of petroleum technology. The scholar is currently working on three papers on the design of **multi-lens and quantum lens systems** which he hopes to complete within a year. In addition, he has also participated in three **web design projects**, including the design of an online management system for diabetes centers in southern Iraq.

Agriculture

IRAQ406 – Agriculture

This professor of **irrigation** and **land reclamation**'s work represents the intersection of various scientific fields; his course offerings range from **geomorphology**, **soil chemistry**, **water resources** and **ecology** to **desertification** and **environmental pollution**. Prior to being appointed a professor in Iraq, the scholar spent nearly four years lecturing at a university in Libya, where he researched regionally important issues of **soil salinity** and **recycling of sewage** and **drainage water** for **reuse in irrigation**. The scholar has published over ten papers on **soil**, **water**, **environmental**, and **agricultural production** in **arid and semi-arid** zones. His recently published work on the geopolitical importance of water projects in the high Tigris River Basin on water security reflects the regional significance of his work. He seeks to teach and conduct research on the environmental and agricultural impact of water shortages.

Medical Sciences

IRAQ204 – Medicine

The scholar is a professor and **Head of the Department of Pediatric Medicine** at a well-known medical college in Iraq. Since 1992, she has been responsible for teaching undergraduate and postgraduates in the Iraqi and Arab medical board specialization, during which time she also supervised the thesis projects of 24 medical students. She has over 19 publications to her credit and has presented her work at conferences in Jordan, Syria and Germany. She has also worked for over 15 years as a specialist in pediatrics at a teaching hospital where she is responsible for the **endocrine unit** and the **general pediatric ward**. In addition to her teaching and medical practice, she also launched a training and research project to help doctors in Iraq learn about the **treatment of traumatized children**. The scholar seeks a position where she can continue teaching **pediatrics**, **endocrinology** and **neonatology**, as well as pursue research on the molecular biology of growth hormones in **genetic growth disorders**.

IRAQ286 – Veterinary Medicine

A professor of veterinary medicine at a well-renown Iraqi university, this scholar has lectured and supervised graduate and post graduate students since 1998. His research has resulted in over 30 journal articles on topics ranging from **neurobehavioral effects** of substances on animals to studies of **animal therapeutics**. A member of the Iraqi Veterinary Surgeons Syndicate and the Iraqi Teachers Syndicate, he has received over 15 honors, including a special distinction for his participation in a scientific symposium on **zoonotic diseases**. This scholar would like to continue his research on the **diagnosis of infectious diseases** such as brucellosis, is able to teach courses in **molecular biology** and **clinical pathology**.

IRAQ453– Clinical Biochemistry

This assistant professor of clinical biochemistry has over 20 years of experience teaching medical students in the Middle East / North Africa (MENA) region in subjects such as **general and reproductive endocrinology**, **chemical pathology**, **hematology**, **pharmacology**, and **physiology**. In addition to teaching experience, she has served as an in-vitro fertilization specialist at a teaching hospital in Baghdad, and as a consultant advisor and manager of the endocrine laboratory at a center for diabetes and endocrinology. Among her research interests are **reproductive medicine, including fertility/infertility**

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and assisted reproductive technologies, endocrinology, and diabetes. The scholar has participated in and presented at various international conferences, including the 2010 American Society of Reproductive Medicine conference. She also has experience in the private sector, including establishing her own scientific drug bureau for the distribution of high standard medical drugs and medical products in Iraq.

IRAQ457 – Nephrology; Internal Medicine

This scholar is a researcher and medical practitioner with 20 years of experience. After earning his medical degree in internal medicine, he completed training fellowships in **nephrology** and also completed a four month training program in **renal ultrasonography**. Since 2003, he has held the position of **Head of the Nephrology Service** at a private hospital in Bahrain, where he is responsible for training medical students and residents with daily clinical case discussions and weekly rounds, and serves on various hospital committees including the **Ethical Committee** and **Medical Record Committee**. He has published nearly 20 research papers, abstracts, and posters dealing with **renal function and diseases**, including papers in international and peer-reviewed journals such as the *Journal of the American Society of Nephrology* and the *Saudi Journal of Kidney Diseases and Transplantation*, journals for which he has also served as a reviewer. His current research projects include a study of **uric acid and its relation to cardiovascular disease** and the **significance of blood pressure variability in clinical practice**.

Social Sciences

IRAQ441 – Education Technology

This scholar holds a diploma in the advanced study of education technology and Master's of Education from the University of Wales in the UK. An associate professor, he has been teaching courses and developing curricula in the field of **education technology** for 25 years, teaching subject such as **educational technology, teaching competencies, educational communication, instructional media, and the production of audiovisual materials**. Before his current position, the scholar spent ten years (1994-2004) as a faculty member at a university in Yemen where he offered courses in **teaching methods** related to educational technology, and served as an **education advisor** at the Center of Continuing Education. He has published a number of papers and including a textbook, *Educational Technology and Modern Trends in University Teaching*. His recent publications focus primarily on the **effects of modern instructional materials on learning**. The scholar seeks a position where he can teach educational or instructional technology courses. He is also able to supervise students or help to develop a continuing education center.

If you are interested in any of the above scholars and would like more information, including CVs, references or articles, please contact the Scholar Rescue Fund's Iraq Project at +1-202-326-7703 / 7831 or SRFIraq@iie.org.