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## Postdoct Qatar University

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**Job Title:** Postdoct  
**Department:** Electrical Engineering  
<http://www.qu.edu.qa/engineering/electrical/>  
**Institution:** Qatar University  
Doha, , Qatar

**Date Posted:** Oct. 10, 2009

**Application Deadline:** Until position filled  
**Position Start Date:** As soon as possible

**Job Categories:** Post-Doc

**Academic Field(s):** Electrical and/or Electronics

**Apply By E-mail:** [tkhattab@qu.edu.qa](mailto:tkhattab@qu.edu.qa)

### Job Description:

A post doctoral researcher position is open for immediate hiring in the area of "Information Theoretic Approaches to Wireless Cognitive Radio Channels" at Qatar University in Collaboration with Ohio State University and Princeton University. The project duration is 3 years. The contract is renewed on a yearly basis.

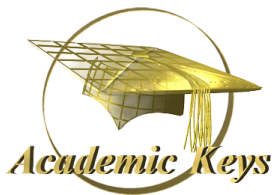
The position will involve information theoretic modeling, simulation, development of new algorithms. It will provide a good chance for interaction with academic institutions in Qatar and the US, interaction with industry, and grant-writing. It is therefore important that the candidate can demonstrate most of the following:

- â€¢ Strong background in information theory, wireless communications theory, programming skills
- â€¢ Strong knowledge of mathematical modeling, simulation, and novel algorithm development
- â€¢ Fluency in written and spoken English
- â€¢ Very good critical thinking and reasoning
- â€¢ Self motivation, ability to work independently and a desire to experiment and explore
- â€¢ Ability to work in a team of diverse backgrounds and cultures
- â€¢ Solid publication record in top academic conferences and/or journals

Qatar University has recently achieved top number of strategic grants amongst all institutions in Qatar, for a grand total of more than 30 million dollars.

The position includes the following benefits:

- â€¢ Attractive compensation package
- â€¢ Zero Taxes
- â€¢ Governmental Medical coverage
- â€¢ Interaction, collaboration and joint work with two of the top academics in the field of information theory



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(Prof. Vince Poor of Princeton University, and Prof. Hesham El-Gamal of Ohio State University) in addition to the strong academic staff at Qatar University.

Candidates should send the following information as .pdf or .doc attachments to Tamer Khattab (tkhattab@ieee.org or tkhattab@qu.edu.qa):

• CV, including a list of publications, a summary of educational and work experience, and grades

• Short research statement (maximum 1 page)

• Names and email addresses of at least 3 references

### **Contact Information:**

Please reference AcademicKeys.com in your cover letter when applying for or inquiring about this job announcement.

**Contact:** Tamer Khattab  
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