



## College of Arts and Applied Sciences

**Full Name: Ra'ed Mohammad Mahmoud Abdelkarim**



Mathematics and Sciences Unit,  
Dhofar University,  
P.O. Box 2509, Postal Code 211  
Salalah, Sultanate of Oman  
Tel: (+968) 23 225 061/2 Ext. 359  
Emails: [raed@du.edu.om](mailto:raed@du.edu.om)

### EDUCATION:

- In process:** **Amman Arab University, Jordan**  
**PhD Candidate in Education**  
Curriculum and Instructions /Science  
Started in 2003, with a distinguished rate 3.85 out of 4. I am expected to defend my dissertation in July 2010.
- 1996:** **Jordan University, Jordan**  
**Masters Degree in Physics**  
Thesis title: Random Diffusion of Lead Ions Implanted into Magnesium Foils/Physics
- 1992:** **Jordan University, Jordan**  
B.S. in Physics
- 1988:** **Rusayfa Secondary School, Jordan**  
High School Certificate – Scientific Section  
Graduated with a rate of 90.5%

### EXPERIENCE:

- September 2008/ present** **Dhofar University, Salalah, Sultanate of Oman**  
*Instructor of Physics*, Mathematics and Sciences Unit at the College of Arts and Applied Sciences, (under the auspices of the American University of Beirut, Lebanon).
- August 2001/June 2008** **Kingdom Schools, Riyadh, Saudi Arabia**  
*Head of Science Department and Physics Teacher*
- August 1996/July 2000** **Dhahran Ahlieh School, Dhahran, Saudi Arabia**  
*Physics and Science Teacher*
- September 1992/ January 1996** **University of Jordan, Physics Department**  
*Teacher Assistant for first year students*

## TEACHING:

**Frequently taught courses:** Physics for the Arts, Math for the Social Sciences, Introductory Physics Laboratory, Physics Lab II, Introductory Chemistry Laboratory (Virtual Lab), Fundamentals of Physics I (Tutorial), Fundamentals of Physics II (Tutorial), Calculus I (Tutorial).

### List of courses taught, examples:

- Fall 2008        “**Mathematics for Social Sciences I**”, a pre-algebra and precalculus mathematics course for non sciences major students, “MATH 103” (50students).
- Fall 2008        “**Fundamental of Physics I**” (Tutorial), a calculus physics based class (General Mechanics) for students from engineering and sciences, “PHYS 170” (70 students).
- Spring 2008     “**Introductory Physics**” a class for non-major science students “PHYS 100” (20 students).
- Spring 2008     “**Fundamental of Physics II**” (Tutorial), a calculus physics based class (Electricity and Magnetism) for students from engineering and sciences, “PHYS 210” (40 students).
- Fall 2009        “Calculus I” (Tutorial), “MATH 199” (50 students)

## PUBLICATIONS:

Characterization of Lead, Mercury and Gold Implanted into Magnesium.  
K. Toukan, S. Dababneh, **R. AbdelKarim** and I. Khubeis.  
Radiation Effects and Defects in Solids 143 (1997) 167-178.

## SKILLS:

- ❖ Excellent command of English language (speaking and writing) and capable of teaching in both English and Arabic.
- ❖ Knowledge and experience in Windows, MS Word, MS Excel, MS PowerPoint and using the Internet.
- ❖ Knowledge of graphic design courses (Adobe photo shop, Adobe illustrator, Corel draw, Web page design, Auto cad, 3D studio max) .

## WORKSHOPS I MANAGED AND PRESENTED (August 2001/June 2008, Kingdom Schools, Riyadh, Saudi Arabia):

**Infusing the Teaching of Critical and Creative Thinking into Content Instruction, Cooperative Learning, Multiple Intelligences, Classroom Management, Cooperative Discipline, Lesson Planning, and Behavioral Objectives.**

Multiple intelligences assessment can be viewed on the following website:

[http://www.bqfl.org/bqfl/custom/resources ftp/client ftp/ks3/ict/multiple\\_int/results/results.cfm](http://www.bqfl.org/bqfl/custom/resources ftp/client ftp/ks3/ict/multiple_int/results/results.cfm). Code: ky1yx6dp80334d

## REFERENCE:

**Dr. Ali Alqarni:** Director-General of Arab Bureau of Education for the Gulf States. Emails:  
[aalkarni@abegs.org](mailto:aalkarni@abegs.org)

**Hocine Merabet:** Associate Professor of Physics and the Former Chair of the Mathematics and Sciences Unit, Dhofar University. Tel: (+968) 23 225 061/2 Ext. 486. Fax: (+968) 23 225 064. Emails:  
[merabet@du.edu.om](mailto:merabet@du.edu.om)