

CV

Personal information:

Name: Umaima M. Elfurawi
DOB: 03-09-1973
Marital Status: married
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Address:
Eljamhoria Street
Tripoli - Libya

Education:

2007-2012	PhD in physics – Thesis title: The Optical and Electronic Properties of Thiol capped Colloidal PbS QDs – University of Nottingham
Fall 1995 – Spring 2000	MSc: Physics – University of Alfateh
Fall 1989 – Fall 1993	BSc: Physics – University of Alfateh

Career History:

2012 – current	2012- current	Lecturer – University of Tripoli
2001-2006	Lecturer assistant – Alfateh University- Department of physics	I was responsible for teaching first and second year courses and lab. demonstrating including third year electronic labs.
2000-2001	Graphic designer – National Curricula Centre - Tripoli – Libya	I was responsible on editing and designing pictures and book covers of physics and computer science of secondary school text books

Computing Skills:

- **Applications:** Microsoft Office (Word, Excel, Power Point, Outlook), Internet Explorer, Adobe Photoshop7, 8, Gimp2, Corel Draw 10-12, Origin7, NI multisim.
- **Programming:** a moderate knowledge of mathcad and matlab.

Languages:

Arabic
English

Committees and responsibilities:

Department of Physics study and Examination committee organizer (2013-2016)
University of Tripoli Sustainability committee member (2017-current)

Contribution to community and public work

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Publications:

Tailoring the physical properties of thiol-capped PbS quantum dots by thermal annealing , L Turyanska, **U Elfurawi**, M Li, M W Fay, N R Thomas, S Mann, J H Blokland, P C M Christianen and A Patanè, **2009** Nanotechnology 20 , 315604

Photoluminescence of PbS nanocrystals at high magnetic fields up to 30 T, L. Turyanska, J. H. Blokland, **U. Elfurawi**, O. Makarovsky, P. C. M. Christianen, and A. Patanè, Phys. Rev. B **82**, 193302 (2010) [4 pages]

Imaging the photovoltaic response of PbS-sensitized porous titania, L. Turyanska, O, Makarovsky, **U. Elfurawi**, A. Patanè, M. Fay, J. Bowers, H. Upadhyaya,). physica status solidi (a). 208. 2450 - 2453. 10.1002 (2011)/pssa.201127066.