

# Mohammed H. Al-Abboodi

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AL-Shatra, Thi-Qar, Iraq.

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## Education

**University of Southern Illinois University Carbondale (SIUC)**, Carbondale, Illinois, USA

Master of Science Physics, May, 2015 / GPA: 3.48

Honors graduate Thesis: " Electronic and vibrational Properties of Single Wall Carbon Nanotubes and Boron Nitride Nanotubes in The Presence of Various Impurities"

**University of Southern Illinois University Carbondale (SIUC)**, Carbondale, Illinois, USA

Intensive English Program, Center for English as a Second Language

July- June, 2013

**University of Thi-Qar**, Al-Nasiriya city, Iraq

Bachelor of Science Physics, June 2007

## Academic Awards and Honors

- **The Higher Committee for Education Development in Iraq (HCED) Program Scholarship**, Illinois, Carbondale, USA, 2012-2015
- **Privileged database Manager Certificate**, Thi-Qar University, Iraq, 2010 and 2011
- **Able of English Certificate**, Italian Suggest Aid Organization, Thi-Qar, Iraq, 2008
- **Able of Computer Certificate**, Thi-Qar University, Thi-Qar, Iraq, 2008
- **Outstanding Student Certificate**, Republic of Iraq, Deputy Prime Minister Office, Iraq, 2007
- **Outstanding Student Certificate**, Thi-Qar University, Iraq, 2007

## Teaching and Working Experience

- Department of Physics, College of Science, Thi-Qar University, Iraq 2015 **Teacher**
- Department of Physics, College of Science, Thi-Qar University, Iraq 2009-2011 **An assistant researcher** in the laboratory for the teaching of Electrical experiment for 1<sup>st</sup> year students
- College of Science, Thi-Qar University, Iraq 2009-2011 **Database Manager**
- Department of Physics, College of Science, Thi-Qar University, Iraq 2008-2010 **An assistant researcher** in the laboratory for the teaching of Logic experiment for 3<sup>rd</sup> year students
- Department of Physics, College of Science, Thi-Qar University, Iraq 2008-2011 **An assistant researcher** in the laboratory for the teaching of Atomic physics experiment for 2<sup>nd</sup> year students

## Conference Presentations

- E. Putz, J. Bohorquez, H. Sirikumara, **M. H. Al-Abboodi**, and T. Jayasekera “*Symmetry breaking of graphene in the presence of B and N impurities*”, American Physical Society (APS international conference) March Meeting 2014.
- **Mohammed H. Al abboodi**, J. Bohorquez, E. Putz, H. Sirikumara, and T. Jayasekera “*Electronic Properties of Graphene and Single Wall Carbon Nanotubes in the Presence of Hexagonal BN Islands*”, American Physical Society (APS international conference) March Meeting 2015.
- **Mohammed H. Al abboodi**, J. Bohorquez, E. Putz, H. Sirikumara, and T. Jayasekera “*Electronic Properties of Graphene in the Presence of Hexagonal BN Islands*”, Graduate students conference at SIUC, 2015.

## Memberships

- **American Physical Society (APS)**, USA, 2013
- **Honor Society.org**, USA, 2013
- **Assistant Teachers of Physics department**, Thi-Qar University, Science of College, Thi-Qar, Iraq, 2015

## **Computer and Research Skills**

- Microsoft Office 2003, 2007, and 2010
- Internet Explorer
- PowerPoint
- Adobe Photoshop
- Survey design
- Latex
- Linux open-source software
- Mathematic

## **Languages Skills**

- Arabic: native
- English: advanced

## **References**

### **Dr. Thushari Jayasekera,**

Assistant Professor of Computational Materials Physics

Department of Physics,

University of Southern Illinois University, Carbondale (SIUC), USA.

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### **Dr. Shajesh, K. V.**

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University of Southern Illinois University, Carbondale (SIUC), USA.

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**Dr. Amin H. Al-khursan,**

Professor of nanostructures devices

Department of Physics

Thi-Qar University, Iraq.

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Phone: 009647813809600,      Email: [ameen\\_2all@yahoo.com](mailto:ameen_2all@yahoo.com).

**Dr. Falah H. Al-Assdi**

Professor of Specialist in solid state physics

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