

Lubna Alrawashdeh

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**Experience:**

- **Hashemite University (Jordan)**, Lecturer, October 2017 -present
- **University of Tabuk (Tabuk/ Saudi Arabia)** [www.ut.edu.sa](http://www.ut.edu.sa)  
Assistant professor in Chemistry, December 2015-June 2017.
- **University of New South Wales (Canberra/ Australia)**  
Research Assistant (May 2015 – November 2015)
  - Encapsulate metal complexes in cucurbiturils and study their photophysical properties.
- **Canberra University ( Canberra/ Australia)**  
[www.canberra.edu.au](http://www.canberra.edu.au)  
Sessional tutor and lab demonstrator Aug 2014 – Present
  - Tutoring and lab demonstration in **organic chemistry**
  - Lab demonstration in **general chemistry**
- **University of New South Wales - ADFA( Canberra/ Australia)**  
[www.unsw.adfa.edu.au](http://www.unsw.adfa.edu.au)  
Sessional tutor and lab demonstrator Feb 2011 – April 2015
  - Lab demonstration in **general chemistry**.
- **Jordan University of Science and Technology. Irbid, Jordan.**  
[www.just.edu.jo](http://www.just.edu.jo)  
Teaching Assistant Feb 2007- Jun 2009.
  - 1- Demonstration of **general chemistry lab**
  - 2- Demonstration of **analytical chemistry lab**

**Education:**

- August 2010 –June 2015. **University of New South Wales/ ADFA, Canberra – Australia.**  
PhD in Chemistry.  
Thesis title " Luminescent iridium(III) cyclometalated complexes: host-guest chemistry and application as sensors".
- Sep 2006 – August 2009 **Jordan University of Science and Technology. Irbid Jordan.**  
Master of Applied Chemistry.

Thesis title "Synthesis and Catalytic Activities of Potential Mo(VI) and W(VI) Oxide Catalyst". GPA: 85.1

- Sep 1999 – July 2003 **Jordan University of Science and Technology. Irbid Jordan**  
Bachelor of Applied Chemistry  
GPA: 72.3

### **Achievements:**

- 1- **International Conference on Advanced Materials ICAM-2017. Irbid, Jordan.** Title (Development of Novel Sensors for Fingerprint and Explosives Detection).
- 2- **"International Conference of Chemistry and Biosciences ICCB-2017. Mafrak, Jordan.** Title (Improving the Luminescence Sensitivity of a Series of Iridium (III) Complexes via Encapsulation in Cucurbit[10]uril in Aqueous Medium: Binding and Photophysical Studies).
- 3- **RACI National Congress 2014, Adelaide, Australia.** Title (Improving the luminescence sensitivity of a series of iridium (III) complexes via cucurbit[10]uril)
- 4- **8th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC-8) 2013**  
Arlington, Virginia, USA.  
Title (Strong Fluorescence Enhancement Of Cyclometalated Ir(III) Complexes In Cucurbit[10]uril).
- 5- **3<sup>rd</sup> International conference in cucurbituril 2013, Canberra, Australia.**  
Title (Strong Fluorescence Enhancement Of Cyclometalated Ir(III) Complexes In Cucurbit[10]uril).  
- Presentation and Participate in the conference organization.
- 6- **8<sup>th</sup> Jordanian chemist conference**  
- Attendance
- 7- Winning the third prize for the best presenter in UNSW/ADFA research day 2012.
- 8- Member in Royal Australian Chemical Institute (RACI).

## **Publications:**

- 1- **Lubna R. Alrawashdeh**, Anthony I. Day, and Lynne Wallace. "Strong enhancement of luminescence from an iridium polypyridyl complex via encapsulation in cucurbituril. *Dalton Transactions*, 2013,**42**, 16478-16481.
- 2- **Lubna R. Alrawashdeh**, Michael P. Cronin, Clifford E. Woodward, Anthony I. Day and Lynne Wallace. Iridium cyclometalated complexes in host-guest chemistry: a strategy for maximizing quantum yield in aqueous media. *Inorganic chemistry*, **2016**, 55 (13), pp 6759–6769.

## **References**

- 1- Dr. Anthony Day (PhD supervisor)  
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- 2- Dr. Lynne Wallace (PhD supervisor)  
**Email:** [L.wallace@adfa.edu.au](mailto:L.wallace@adfa.edu.au), **Telephone:** +61 2 6268 8230.
- 3- Prof. Ahmad Ajlouni  
**Email:** [aajlouni@just.edu.jo](mailto:aajlouni@just.edu.jo)
- 4- Prof. Nathir Rawashdeh  
**Email:** [nathir@just.edu.jo](mailto:nathir@just.edu.jo), **Telephone:** +962 2 7201000 Ext. 23486