

# Hisham. Qrareya

**Marital status: Married**

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## Contact

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## Key Skills

**Familiar with some instruments and computer programs including:**

**NMR  
FT-IR  
GC**

**UV lamps  
Lamp Rayonet  
UV-Visible  
Chem. Draw**

**Rotary Evaporators  
Chromatography**

**Extraction  
Photocatalyst**

## **COURSES TAUGHT: UNDER GRADUATE**

**General chemistry course for dentistry students (10031101)**

**Practical general chemistry for dentistry students (10031105).**

**Chemistry course for medical students (10031161).**

**Chemistry course for medical sciences (10031162).**

**Practical chemistry for medical sciences.(10031165)**

**Organic chemistry course for medical sciences and dentistry students (10031231).**

**Practical Organic chemistry for medical sciences and dentistry students (10031232).**

**Organic Chemistry I for chemistry major students (10031233)**

**Practical Organic chemistry for chemistry major students (10031235)**

**Organic Chemistry II for chemistry major students (10031234).**

**Practical Organic chemistry for chemistry major students (10031236)**

**Advance**

- 1) The 8<sup>th</sup> Palestinian International Chemistry Conference (PICC 2015) "Chemical Sciences towards Knowledge Based Economy" 21-22<sup>th</sup> April 2015 An,Najah National University, Nablus. Palestine, (*Generation of Silyl radicals via Photo catalyzed Si-H bond activation*)
- 2) 6<sup>th</sup> EuCheMS Organic Division Young Investigators Workshop. 28-30<sup>th</sup> August 2014, Palm Beach Hotel, Larnaca, Cyprus. (*Short lived aryl cations. Photochemical generation and application in metal-free ArSN1 reactions*)
- 3) The 6<sup>th</sup> international conference on green and sustainable chemistry (GSC-6), 4-7<sup>th</sup> Aug.2013. Nottingham, UK. (*Photo catalysis. A Green Synthetic Tool*).
- 4) XXIV IUPAC Photochemistry Conference 15- 20<sup>th</sup>. Jul. 2012, Coimbra. Portugal, (*Close to the Edge. Photochemical Generation of Triplet Aryl Cations from Chloroalkylbenzenes and Weakly Electron-Poor Aryl chlorides*).

### Conference Attendance and posters:

1. Conference on Organic Radicals and Annual Mc Meeting Cost Action 1201. Prague, June 29<sup>th</sup>- Jul 4<sup>th</sup>, 2014 contribution with a poster. (*Generation of silyl radicals via photo catalyzed Si-H bond activation*)
2. Italian photochemistry Meeting 2013. Riferredo (Potenza), Nov.28<sup>th</sup>- Dec.1<sup>st</sup> - 2013. (*Close to the edge. Photochemical generation of triplet phenyl cations from Chloroalkyl benzenes and weakly electron-poor aryl halides*).
3. Italian Photochemistry Meeting 11-12<sup>th</sup> Oct. 2012, Bologna University. Bologna. Italy, (*Photochemical generation of triplet aryl cations from un activated aryl chlorides for synthetic purposes*).
4. Italian Photochemistry Meeting 11-12<sup>th</sup> Oct. 2012, Bologna University. Bologna. Italy, (*Photochemical generation of triplet aryl cations from un activated aryl chlorides for synthetic purposes*).
5. International summer school, about catalysis. 22- 29<sup>th</sup>. Jun. 2012, Pavia University. Italy, (*Benzylation of electron poor olefins through photocatalytic activation of benzylic hydrogen*).
6. XXVIII Edizione della Giornata di Studio "Nuovi Orientamenti Nella Sintesi Organica" presso l'Università degli Studi di Milano, 2<sup>nd</sup> December -2013.
7. Le Giornate di Chimica Organica a Pavia. Pavia, 3<sup>rd</sup> October 2013
8. Magical Power of Transition Metals in Catalyzing Cross-Coupling Chemical Reactions. Pavia, 11<sup>th</sup> July 2013.
9. The symposium "The Photochemistry of the Future-100 Years Later" 13<sup>th</sup> Oct. 2012, Bologna, Italy.

- Pd catalysts from Natural extracts sources (curcumin and curcuminoids).
- Degradation of solid and organic wastes using solar light photodegradations.

## Activities

1. Supervisor for the local election (2006)
2. Monitor For the student council at AAUJ (2008,2009)
3. Youth sport Club spokesman in our town (2004- 2007)
4. Vice president for the local Social Committee (2006-2010)
5. Participant in the evaluation of student research's at the Palestine Science and Technology Fair (PSTF) for **Intel ISEF** that held in the Ministry of Higher Education.2017

## BOOKS:

- 1) Lab (Organic Chemistry II Lab manual for Major students)  
Co-authored by Dr. Abdallah Walwil,/ AAUJ, Jenin/ Palestine
- 2) Pre- Chemistry ( Basics chemistry book) for medical students in preparation

## PROFESSIONAL MEMBERSHIPS:

1. Member of the European Photochemical Association (EPA).
2. Member of the Palestinian Chemical Society

## COMMITTEES:

- 1) University Council member (2017-2018).
- 2) Faculty Council, member (2017-2018).
- 3) Faculty Council member (2015-2016).

## References

1. Prof. Angelo Albini, Photo green lab Organic Chemistry Department Pavia University – Italy. Fax: (+39) 0382-987323, E-mail: [angelo.albini@unipv.it](mailto:angelo.albini@unipv.it)
2. Prof. Maurizio Fagnoni, Photo green lab Organic Chemistry Department Pavia University-Italy. E-mail: [Maurizio.Fagnoni@unipv.it](mailto:Maurizio.Fagnoni@unipv.it).
3. Prof. Othman .Hamed, Chemistry Department, An.Najah National University-Nablus- Palestine. E-mail: [O.Hamed.@najah.edu](mailto:O.Hamed.@najah.edu).
4. Prof. Adli. Saleh. Faculty of sciences (University Former President). Arab American University-Jenin- Palestine. E-mail : [adli.saleh@aauj.edu](mailto:adli.saleh@aauj.edu)

