

# Curriculum Vitae

## AYAT H. BANI RASHAID

### **Personal data:**

Name: Ayat Hussein Bani Rashaid

Date of birth: February 20, 1984

Place of birth: Irbid

Nationality: Jordanian

Marital status: Married

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## **EDUCATION**

- 2010-2014 PhD degree in Chemistry of a specialization in the area of Bio-analytical Chemistry, department of Chemistry and Biochemistry, Faculty of Art and Science, Ohio University, Athens, Ohio, USA. (GPA: 3.7).  
Doctoral dissertation title “Clinical and Forensic Biomarkers in Human Hair”.
- 2008-2010 Master degree in Public Health of a specialization in the area of Health Care Administration, department of Public Health, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan.  
“Excellent” grade (89.2%). Thesis title “Impact of Smoking on some Characteristics of Semen Among Males in The North of Jordan”
- 2006-2008 Master degree in Toxicology and Forensic Sciences, department of Forensic Medicine, forensic science and Toxicology, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan. “Excellent” grade (92.9%). Project title “The Application of ISO 9001 Quality Management System in The Forensic Medicine Center of North Jordan /Irbid”
- 2002-2006 Bachelor degree in Biotechnology and Genetic Engineering, department of Applied Biological Sciences, Faculty of Arts and Science, Jordan University of Science and Technology, Irbid, Jordan (Very good 77.4).

## **WORK EXPERIENCE**

- February 2015 – till now. Assistant professor in department of Chemistry, Faculty of Arts and Science, Jordan University of Science and Technology, Irbid, Jordan.
- February 2015 –January 2017. Assistant professor in department of Applied Biological Sciences, Faculty of Arts and Science, Jordan University of Science and Technology, Irbid, Jordan.
- August 2011 – June 2014. Research and Teaching Assistant at Forensic Chemistry program in the Department of Chemistry and Biochemistry, Faculty of Art and Science, Ohio University, Athens, Ohio, USA.
- September 2009 – July 2010. Research and Teaching Assistant at Forensic Sciences program, Faculty of Arts and Science, Jordan University of Science and Technology, Jordan.
- February 2007- June 2008 Research Assistant at department of Forensic Medicine, forensic science and Toxicology, Faculty of Medicine, Jordan University of Science and Technology.

## **TEACHING INTERESTES**

### Courses taught

- Biochemistry
- Biochemistry (Lab)
- Research Methods in Chemistry
- Chemical Separation Methods
- Analytical Methods in Forensic Science
- Forensic Molecular Biology
- Forensic Molecular Biology (Lab)
- Forensic chemistry
- Research Methods
- Laboratory Management
- Cytogenetic
- Cytogenetic (Lab)
- General Biology

## RESEARCH INTERESTS

- Clinical and medicine Biochemistry (i.e., biochemistry of autism spectrum disorder)
- Forensic Biochemistry

## PUBLICATIONS

- Mazin Alhazo and **A . H. B. Rashaid** “The concentrations of bioelements in the hair samples of Jordanian children who stutter” *International Journal of Pediatric Otorhinolaryngology*. 2018, 112, 158-162.
- Shreen Deeb Nusair, Samer Ibrahim Abed, and **A . H. B. Rashaid**, “Chlorpromazine Impacts on the Length and Width of *Sarcophaga haemorrhoidalis* (Diptera: Sarcophagidae) Larvae: Potential Forensic Implications” *Journal of Entomological Science*. 2017, 52, 370-378.
- **A . H. B. Rashaid**, P. B. Harrington and G. P. Jackson “Profiling Amino Acids of Jordanian Scalp Hair as a Tool for Diabetes Mellitus Diagnosis: A Pilot Study” *Anal. Chem.* 2015, 87, 7078-7084.
- **A. H. B. Rashaid**, P. B. Harrington and G. P. Jackson “Amino Acid Composition of Human Scalp Hair as a Biometric Classifier and Investigative Lead” *Anal. Methods* 2015, 7, 1707-1718.
- G. P. Jackson, Y. An. K. I. Konstantynova and **A. H. B. Rashaid** “Biometrics from the Carbon Isotope Ratio Analysis of Amino Acids in Human Hair” *Sci. Justice (FIRMS 2013 Special Edition)* 2015, 55, 43-50.
- **A. H. B. Rashaid**, G. P. Jackson, Peter B. Harrington, “Quantitation of Amino Acids in Human Hair by Trimethylsilyl Derivatization Gas Chromatography/Mass Spectrometry” *Enliven: Bio Anal Techniques* 2014, 1(1), 1-12.
- Zakarya Bani Meri, Ibrahim Bani Irshid, Mohammad Migdadi, and **A. H. B. Rashaid**. Does Cigarette Smoking Affect Seminal Fluid Parameters? A Comparative Study. *Oman Med. J.* 2013,12-15.

## **PRESENTATIONS & CONFERENCES**

- A. H. B. Rashaid, P. B. Harrington and G. P. Jackson “Amino Acid Composition of Human Scalp Hair as a Biometric Classifier and Investigative Lead”, Best poster award in 2nd International Conference on Forensic Research and Technology”, October 2013, Las Vegas, NV, USA.
- An Yan , A. H. B. Rashaid, and G. P. Jackson “Bulk versus LC-IRMS amino-acid-specific isotopic analysis of human hair”, ASMS conference, on Mass Spectrometry and Allied Topics, June 2013, Minneapolis, MN, USA.
- A. H. B. Rashaid, P. B. Harrington and G. P. Jackson “Validation of a Method of Measuring Amino Acids Composition of Peptides and Proteins by Gas Chromatography/Mass Spectrometry” Student Research and Creative Activity Expo at Ohio university, April 2013, Athens, OH, USA.
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- May 2007 –June 2007. Attending the Second International Jordanian Congress of Society of Allergy and Immunology, Amman, Jordan.

## **TRAINING & WORKSHOPS**

- September 2017, Academic development workshops, The Academic Development and Quality Assurance Center, Jordan University of Science and Technology, Irbid, Jordan.
- September 2010. Chemical Hygiene and Fire Extinguisher Training, Enviromental Health and Safety, Ohio University, Athens, OH, USA.
- October 11<sup>th</sup>–13<sup>th</sup> 2009. Training of Trainers in Health and Traffic Awareness program in Royal Health Awareness Society, Amman, Jordan.
- August 2008 Workshop in Establishment of Institutions capabilities in Developmental Profitability Projects in the Queen Zein Al Sharaf Institute for Development\ Violence Against Women project, Amman, Jordan.
- November 2006. Training course in immunohistochemistry sponsored jointly by JUST and Jordan Company for Antibody Production, Amman, Jordan.

## **SCIENTIFIC AND PROFESSIONAL SOCIETY MEMBERSHIPS**

- Member of the Jordan Chemical Society
- Amman Center for Human Rights Studies
- Princess Basmah Center for development