

03 April, 2018

Personal Vita

FULL NAME	:	Abdulrahman Ghonaim A. Alhamazani
NATIONALITY	:	Saudi Arabian
DATE OF BIRTH	:	Sept 13, 1969
ADDRESS	:	Department of Chemistry Al-Imam Muhammed Ibn Saud University Riyadh Saudi Arabia
Current Position	:	Associate Professor
LANGUAGE	:	Arabic/English
CONTACT ME	:	agalhamzani@imamu.edu.sa Tel: (+966) 505 16 5670

EDUCATION

- **Doctor of Philosophy** in Chemistry, **August 2008**, from Department of Chemistry, *West Virginia University*, Morgantown, WV, USA.
- **Master of Science** in Chemistry, **June 1998**, from the Department of Chemistry, *King Saud University* at Riyadh, Kingdom of Saudi Arabia.
- **Bachelor of Science** in Chemistry, **Dec 1992**, from the Department of Chemistry, *King Saud University* at Riyadh, Kingdom of Saudi Arabia.

WORK EXPERIENCE:

Jan 2018 – present	Laboratories Manager in the College of Science
Oct2011 to Nov 2017	Vice-Dean for Development and Quality, Preparatory Programs Deanship at Al-Imam M. S. University, Riyadh, Saudi Arabia
Jan 2014 to Jan 2016	Vice-Dean for academic affairs, College of Science Al-Imam M. S. University, Riyadh, Saudi Arabia
Sept 2011 to Feb2017	Assistant Professor, Dept of Chemistry, Al-Imam M. S. University, Riyadh, Saudi Arabia.
March2017 to present	Associate Professor, Dept of Chemistry, Al-Imam M. S. University, Riyadh, Saudi Arabia.
Jan 2010 to Aug 2011	Chair, Department of chemical technology at Riyadh College of Technology, Saudi Arabia.
June 2009 to Aug 2011	Faculty at Department of Chemical Technology, Riyadh College of Technology, Riyadh, Saudi Arabia. <u>Courses taught:</u> Organic Chemistry, Organic Reactions Mechanisms, Spectroscopic Analysis, Materials Sciences and Corrosion

Sept 2, 2008 to May 2009	Creation of Marketing and Promotional materials in the Arabic Language and Advising on students programs from MENA region at Office of International Students and Scholars at <i>West Virginia University</i> , Morgantown, WV, United States.
June 29 to Aug 7, 2008	Instructor of CHEM 231-Organic Chemistry: Brief Course, Department of Chemistry, <i>West Virginia University</i> , Morgantown, WV, United States.
May 2007 to May 2008	Graduate Teaching Assistant, Department of Chemistry, <i>West Virginia University</i> , Morgantown, WV, United States. <u>Courses taught for Chemistry labs :</u> (CHEM 115- General Chemistry, CHEM 235-Organic Chemistry 1 Lab, CHEM 236- Organic Chemistry 2 Lab
Aug 1999 to Jun 2001	Lecturer, <i>Riyadh College of Technology</i> , Riyadh, Kingdom of Saudi Arabia. <u>Courses taught:</u> (General Chemistry 101, Quantitative Analytical Chemistry (both lecture and lab section), and Electrochemical Methods of Analysis (both lecture and lab section
Aug 1998 to May 1999	Instructor, <i>Ha'il College of Technology</i> , Ha'il, Kingdom of Saudi Arabia. <u>Courses taught</u> (Physics 101)
Oct 1993 to May 1998	Laboratory Instructor, <i>Riyadh College of Technology</i> , Riyadh, Kingdom of Saudi Arabia. <u>Courses taught:</u> (General Chemistry Labs, Physical Chemistry 1 and 2 Labs, Polymer Chemistry Lab, Organic chemistry lab
May 1993 to Sept 1993	Chemist, <i>Drinking Water Laboratory</i> , Riyadh, Kingdom of Saudi Arabia. Performed routinely water analysis such as hardness, TDS, free chlorine, heavy metals by using AA instrument, organic materials by using the GC-Mass spectra instrument

Training and Workshops

Nov 8-9, 2017	Training course in " How to prepare Overall Assessment Plan for Learning Outcomes ". Held by National Center for Academic Accreditation and Evaluation. SharmAlshaikh, Egypt.
Dec 18-19, 2016	Training Program " Academic Leaderships Role toward 2030 vision " held by Deanship of Development of University Education. Riyadh, Saudi Arabia

Jan 24-27, 2016	Training course in " Project Management Professional; foundation & Principles " held by Prince Naif Institute for Research and Consulting Services. Riyadh, Saudi Arabia
27-29/6, 1436	Training course in " Strategic Planning in Higher Education " held by Quality Training Academy, Dubai, UAE
April 5, 2015	Workshop " Change Management " organized by Academic Leadership Center, Ministry of Higher Education, Riyadh, Saudi Arabia
Dec 17-18, 2014	Workshop of " <i>Courses Specification and Reports</i> " 12 hours training, by National Commission for Academic Accreditation & Assessment, Jeddah, Saudi Arabia
May 16-17, 2014	Training in " <i>Design and Creation of E-Course</i> " by Quality Training Academy in Amman, Jordan
April 16-17, 2014	Workshop of " <i>Programs Specification and Annual Reports</i> " 12 hours, National Commission for Academic Accreditation & Assessment, Riyadh, Saudi Arabia
Feb 02, 2014	Training workshop " <i>the use of Information Resources on Saudi Digital Library</i> " at Al-imam Muhammed ibn Saud Islamic University.
Jan 27-31, 2014	Training in " <i>Strategic Planning & KPIs</i> " by SRI International, in Al-Imam University
March 6-8, 2013	Training program of <i>Effective use of Assessment of Students' feedback and Determining Measurements of Performance at Different Standards</i> , from 6 – 8 March 2013, Dubai, UAE
October 7-8, 2012	Workshop of " <i>Leading Excellence Through innovative and High-Impact Practices</i> ", Organized by the Academic Leadership Center, Ministry of Higher Education, Saudi Arabia
April, 2013	2 days workshop in " <i>Mass Communications in Higher Education</i> ", Amman, Jordan, 2013.
Feb 14-15, 2012	12-hours Workshop of " <i>Procedures of Conducting Self-study for</i>

institutional Accreditation" held by NCAAA, in Jeddah, Saudi Arabia

Nov 9-11, **2011** Workshop of "*An intensive study program for Academic Leaders and Managers*", presented by senior staff of the University of Melbourne, Center for the Study of Higher Education & LHM institute for Higher Education Leadership and Management, 9-11 Nov, **2011**, Australia

July 10-14, **2010** Participated in eLearning Institute "*Developing Wide-Scale Education and Training Programs through eLearning and Networking Technologies*" led by Mr. Brian Ausland from the Center for the Advancement of Digital Resources in Education CADRE, July 10-14, **2010**

PUBLICATIONS:

Referred Journals

- 1- Habib, M A and A G Alshammari, "Valorization of the Agriculture Byproduct of Palm Date Trees: Preparation of Activated Carbon for Organic Dyes Removal from Tanneries Wastewater." *Res. J. Pharm. Bio. Chem. Science*. **2018**, 9(3), pp. 326-331, ISSN: 0975-8585.
- 2- M. H. Heikal, M. E. Zaki, A. Alshammari, "Preparation and Characterization of an Eco-Friendly Binder from Alkali-Activated Aluminosilicate Solid Industrial Wastes Containing CKD and GGBS". *J. Mater. Civ. Eng.* **2018**, 30(6): 04018093. (*Impact Factor: 1.64, 2016*)
- 3- Habib, M A and A. G. Alshammari, "Recycling and utilization of Waste deep frying oil in leather industry" *Indian J. Chem. Tech.* Vol. 24, **2017**, pp. 198-205. (*Impact Factor: 0.568, 2016*)
- 4- M. O M'hamed, A. G. Alshammari, O. M. Lemine, "Green High-Yielding One-Pot Approach to Biginelli Reaction under Catalyst-Free and Solvent-Free Ball Milling Conditions". *Applied Sciences* **2016**, 6, 431; doi:10.3390/app6120431. (*Impact Factor: 1.679, 2016*)
- 5- M. Abou-Krishna, F. Assaf, O. Alduaij, A. Alshammari, and F. El-Sheref, "Electrochemical Behavior and Corrosion Resistance of Electrodeposited Nano-particles Zn-Co-Fe Alloy". *Anti-Corrosion Methods and Materials*, Vol. 63, Issue 1, **2016**. p29-35. (*Impact Factor: 0.364, 2016*)
- 6- H. Hafez, A. Alshammari, A. El-Gazzar, "Facile heterocyclic synthesis, antimicrobial activities of polysubstituted and condensed pyrazolopyranopyrimidine and pyrazolopyranotriazine derivatives". *Acta Pharmaceutica*, Vol. 65, **2015**, 399-412. (*Impact Factor: 1.017, 2016*)
- 7- M. Abou-Krishna, F. Assaf, O. Alduaij, A. Alshammari, and F. El-Sheref, "Corrosion Behavior of Electrodeposited Zn-Co-Fe Alloy". *Indian Journal of Chemical Technology*, Vol. 23, July **2016**, pp. xx-xx (*Impact Factor: 0.568, 2016*)
- 8- Mohamed OuldM'hamed, L. Khezami, A. Alshammari, S. Ould-Mame, I. Ghiloufi, O. Lemine, Removal of Cd(II) ions from aqueous Solution using Ni-doped α -Fe₂O₃ Nanocrystals. *Water Science & Technology*. Vol. 72, Issue 4, **2015**. (*Impact Factor: 1.197, 2016*)

- 9- M.M. Abou-Krishna, **A.G. Alshammari**, F.H. Assaf, F.A. El-Sheref, "Electrochemical Behavior of Zn-Co-Fe alloy electrodeposited from a sulfate bath on various substrate materials" *Arabian Journal of Chemistry*, 2015, xxx, pp. xxx-xxx (accepted 13 October 2015) (**Impact Factor: 3.613, 2016**) <http://dx.doi.org/10.1016/j.arabjc.2015.10.008>
- 10- **A. Alshammari**, "Removal of Water Hardness by Gas Sparged Dialysis Membrane Process". *Research Journal of Environmental Sciences*, Vol. 9, No. 1, pp. 16-27, 2015. (**Impact Factor: NA**)
- 11- **A. Alshammari**, "Equilibrium Study of Cobalt Ions Adsorption on Three Types of Natural Saudi Clays". *Research Journal of Envir. Toxicology*, Vol 9, No. 1, pp. 17-33, 2015. (**RG Impact Factor: 0.38, 2015**)
- 12- **A. Alshammari**, "Adsorption of Acid Dyes from Wastewater on Saudi Bentonite Clay" . *Trends in Applied Sciences Research*, Vol. 9, No. 10, p. 557, 2014 (**Impact Factor: NA**)
- 13- M. Habib and **A. Alshammari**, "Leather Fatliquor From Hide Fleshings". *J. Soci. Leather Tech. Chemists*. Vol 98, issue 5, 2013. (**Impact Factor: 0.228, 2016**)
- 14- **A. Alshammari**, A. El-Gazzar and H. Hafez, "Efficient Synthesis of a New Class of N-Nucleosides of 4H-Thiochromeno[2,3-d]pyrimidine-10-Sulfone as Potential Anticancer and Antibacterial Agents," *International Journal of Organic Chemistry*, Vol. 3 No. 3A, 2013, pp. 15-27. (**Impact Factor: NA**)
- 15- **A. Alshammari** and A. El-Gazzar, "Novel Synthesis Approach and Antiplatelet Activity Evaluation of 6-Arylmethyleneamino-2-Alkylsulfonylpyrimidin-4(3H)-one Derivatives and Its Nucleosides," *International Journal of Organic Chemistry*, Vol. 3 No. 3A, 2013, pp. 28-40. (**Impact Factor: NA**)
- 16- Penn, J. H., and **Al-Shammari, A. G.** "Teaching Reaction Mechanisms Using CAN Method". *J. Chem. Educ.* 2008, Vol. 85, 9, 1219-1295. (**Impact Factor: 1.419, 2016**)

Conferences

- Attended the **248th American Chemical Society National Meeting and Exposition "CHEMISTRY & GLOBAL STEWARDSHIP"**, August 10-14, 2014, San Francisco, California, USA.
- John H. Penn and **Abdulrahman Al-Shammari**, "Computerized Experiments for Organic Chemistry 1&2", 2014 Biennial Conference on Chemical Education, hosted by Grand Valley State University, Aug 3-7, 2014, Allendale, Michigan, USA.
- John H Penn and **Abdurahman Alshammari**, Use and evaluation of computerized prelaboratory experiments (CPLEX) for the organic chemistry laboratory, **245th ACS National Meeting and Exposition, April 7-11, 2013, New Orleans, Louisiana, USA**
- Participated as Session Chairman in "**The 2nd Saudi International Nanotechnology Conference**"

held on 11-13 Nov, **2012** at KACST, Riyadh, Saudi Arabia.

- **Abdulrahman Alshammari**. “Removal of Lead (II) via Saudi Bentonite”, 4th International Conference of Chemistry held by Saudi Chemical Society, Madareem Hotel, Riyadh, Saudi Arabia, Nov 19, **2011**.
- **Abdulrahman Alshammari**. “Animated Image Mechanisms (AIM) for Enhancing the Learning of Organic Reaction Mechanisms”, 1st Symposium in Appl. Of Information and Communication Technology in Education and Training, King Saud University, Riyadh, Saudi Arabia, April **2010**.
- John H. Penn and **Abdulrahman Al-Shammari**. “Does practice really make perfect?” 237th ACS National Meeting, Salt Lake City, UT, USA, March 22-26, **2009**.
- John H. Penn, and **Abdulrahman Al-Shammari**. “Teaching Reaction Mechanisms Using Curved Arrow Neglect “CAN” Method” 20th Biennial Conference on Chemical Education, Bloomington, IN, July 28, **2008**.
- John H. Penn, and **Abdulrahman Al-Shammari**, “*Teaching Organic Reaction Mechanism using CAI*”, 234th ACS National Meeting, Boston, MA, August 19-23, **2007**.
- John H. Penn and **Abdulrahman Al-Shammari**, “*Picture is worth a thousand words: Web-based pre-laboratories*”, Biennial Conference on Chemical Education, West Lafayette, IN, August 1, **2006**.
- John H. Penn, Ada Casares, **Abdulrahman Al-Shammari**, Leah Merritt, and Peter Zehr. “*On-Line Organic Structure Generation and Computer Grading: Student Results*”, 18th Biennial Conference on Chemical Education, Ames, IA, July 18-22, **2004**.
- John H. Penn, Ada Casares, **Abdulrahman Al-Shammari**, Leah Merritt, and Peter Zehr. “*On-Line Organic Structure Generation and Computer Grading: Student Results*”, 227th American Chemical Society National Meeting, Anaheim, CA, March 28-April 1, **2004**.

Funded Research Projects:

Research Title	Funding Source	Dates
Chemical Treatment of Saudi Palm Tree Agriculture Wastes as Low Cost Adsorbent for Heavy Metals.	Deanship of Scientific Research, Al-Imam University	Sept 2016 to March 2018
Green and one-pot synthesis of new different pyrimidine functionalized, biologically active using ball milling solvent-free.	Deanship of Scientific Research, Al-Imam University	Sept 2014 to March 2016

COMPUTER SKILLS:

Computer Packages, including

- Microsoft office (Word, Excel, Power Point)
- Adobe Photoshop (develop teaching tools images)
- GIF Animation (develop teaching tools such as animated GIF, and AVI movies)

Computer Language/software

- Question Mark, powerful in developing and delivering teaching tools (HTML based)
- Dreamweaver CS (web page designer)
- Web Page Maker (web page designer)
- PC Models 9.1
- ChemOffice ultra
- ChemDraw
- HTML language (powerful in developing courses materials)

MEMBERSHIP, AWARDS, CERTIFICATES

- Member of Saudi Chemical Society. From 1995 – present.
- Member of American Chemical Society, from 2002-present.
- Member of Chemical Education Division, ACS, from 2002 – present.
- Member of Phi Lambda Upsilon, WVU, from 2002 – present.
- Completed the **Human Participants Protection Education for Research Teams** online course, sponsored by the National Institutes of Health (NIH), '04
- Scholarship from the Government of Saudi Arabia to study PhD in Chemistry at WVU, from 2002 – 2007.

EXTRACURRICULAR ACTIVITIES

- President of Saudi Students Association at WVU, from August 2006 – April 2008.
- I have volunteered in several activities held by the office of international students and scholar at WVU.
- Arranged and organized the Saudi Arabian Cultural Mission Attaché visit to WVU, Feb 2008.

REFERENCES

John H. Penn, PhD

Department of Chemistry
West Virginia University
P O Box 6045
Morgantown, WV 26506
John.penn@mail.wvu.edu

Dr. Abdulrahman Alnamlah

Dean of Preparatory Programs
Al-Imam M. S. University
Riyadh, Saudi Arabia

Mohamed Abuelhassan Abdalla , Ph.D.

Department of Chemistry
King Saud University
Tel: +966-1-4676009
maabdall@ksu.edu.sa

George O'Doherty, PhD

Department of Chemistry
West Virginia University
P O Box 6045
Morgantown, WV 26506

George.o'doherty@mail.wvu.edu

Md. Moinuddin Ahmed, PhD

Research Chemist
PharmAgra Labs, Inc.
40 McLean Road
Brevard, NC, 28712
email:mmaespg@gmail.com
ph: 304-685-3273 (cell)
828-884-8656 (office)

Michael Wilhelm

Director of Office of International Students
West Virginia University
111 E. Moore Hall
Morgantown, WV 26505
mwilhelm@wvu.edu
304-293-3519