Faculty Vitae

1. General Information

Names	Nationality	Photo
Dr. Bakheet Alresheedi	Saudi Arabia	

2. Education

Degree	Discipline	Institution	Year
Bachelor	Chemistry	Kuwait University, Kuwait	2000
Master	Analytical Chemistry	Western Illinois University , USA	2008
Ph.D.	Nanomaterial	Dayton University, USA	2012

3. Academic Experience

Institution	Title	Period	FT/PT
College of Applied Medical Sciences	Assistant Professor	2013 to Present	
University of Dayton Research Institute Ohio, USA	Research Assistance	2009 to 2012	
Western Illinois University iL, USA	Teaching Assistant	2007 to 2008	
Ministry of Education	Teacher	2002 to 2006	

4. Non-academic Experience

Organization	Title	Duties	Period	FT/PT
Imperial Stone Factory Kuwait	Chemical Analyst	Test products	2002 to 2006	
Saudi Student Association at Dayton University, USA	President	Students Organization	2009 to 2013	
Muslims Student Association at Dayton University	President	Students Organization	2010 to 2013	

Commission Advice and Guidance for Saudi Students at Saudi culture admission in Saudi Arabia Embassy, USA.	President	Commission Advice and Guidance for Saudi Students	2011 to 2013	
Mbt3th website for Saudi Student in The world	Supervise	Commission Advice and Guidance for Saudi Students	2007 to Present	

5. Certification or professional registration

- Excel, Microsoft word, Adobe, Internet and Windows.
- Sigma plot program.
- Col Chromo software.
- Origin Lab software
- PowerPoint
- Mat lab, Solid works.
- SAS Program, Gene program for statistic experimental
- Scan Electron Microcopy (SEM)
- Atomic Force Microscopy (AFM)
- Determination Surface area by BET Method.
- The Detection of Corrosion Processes
- Create solutions for corrosion process
- Troubleshooting For Chromatography (HPLC, GC), Basics of HPLC method development, and Troubleshoot
- Carbon Nano constituents: Growth and Functionalization

6. Important publications and presentations from the past five years

- Activated Hybrid Composites for Energy Storages. (15-20 June 2010, Carbon2010, Clemson, South Carolina, USA).
- Supercapacitors Based on Carbon Nanotube Fuzzy Fabric Technology. (April 2011, Dayton, Ohio, USA).
- Supercapacitance performance of Carbon Nanotubes based Composites. (24 May 2011, Fairborn, Ohio, USA).
- A Relational Grade Analysis Approach to Optimize Carbon Based Supercapacitor Materials. (24 May 2011, Fairborn, Ohio, USA).
- The Inverse Method for Investigation of the Determination of Adsorption Isotherm of Ibuprofen on Reversed Phase Liquid Chromatography. (05th March 2008, Pittcon2008, New Oreland, Louisiana, USA).
- Modeling and Optimization of Preparative High Performance Liquid Chromatography for Analgesic Drugs.(April 04th 2008, 19th Annual Illinois conference, Macomb, IL).
- Modeling and Optimization of Preparative High Performance Liquid Chromatography for Analgesic Drugs. (10-15 May 2008, HPLC 2008, Baltimore, Maryland, USA).

- Modeling of Ibuprofen on Preparative High Performance Liquid Chromatography. (Western Illinois University, 18 December 2008, USA).
- The Influence of Organic Modifier on the Adsorption Isotherm of Ibuprofen on Reversed Phase Liquid Chromatography. (10th March 2009, Pittcon2009, Chicago, Illinois, USA).
- Modeling of ibuprofen on reversed phase liquid chromatography: I. The effect of mobile phase composition. (International Journal of Applied Science and Technology Vol. 1 No. 6; November 2011).
- Effect of pH on the Adsorption Behavior on Reversed Phase Liquid Chromatography. (International Journal of Applied Science and Technology Vol. 2 No. 1; January 2012).

7. Most recent professional development activities

- Supercapacitors Based on Carbon Nanotube Fuzzy Fabric Technology in Biomedical instruments (University of Dayton Institute).
- Create a new center in Majmaah University which Innovation center Work with University team to get ABET (Accreditation Board of Engineering and Technology) approval for Biomedical Engineering in MU.
- Speaker and organizer for 1st conference on Nanotechnology in MU.
- Leadership of team make a Plan for Radiology Department in MU.
- Teaching some courses (Biomedical Instrumentals, Introduction of Nanotechnology).