FACULTY VITAE

GENERAL INFORMATION		
Name	**Nationality**	
Rasha Amer Hajarat	Jordanian	

EDUCATION			
DEGREE	**DISCIPLINE**	**INSTITUTION**	**YEAR**
B.Sc.	Chemical engineering	Mu'tah University	2003
M.Sc.	Environmental Biotechnology	UMIST	2004
Ph.D.	Desalinating brackish water using Nanofiltration membrane	The university of Manchester	2010

ACADEMIC EXPERIENCE			
INSTITUTION	**RANK/TITLE**	**PERIOD**	**FT/PT**
The university of Manchester	Demonstrator	September - December 2007	PT
Mu'tah university	Full time lecturer	2011-2021	FT
Mu'tah university	Assistant Professor	2021	FT

NON-ACADEMIC EXPERIENCE			
COMPANY/ENTITY	**RANK/TITLE**	**PERIOD**	**FT/PT**

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS	
ORGANIZATION	**PERIOD**
IChemE	2005-2023
IWA	2005-2023
IDA	2022-2023

HONORS & AWARDS

Research funded by scientific research and innovation support fund. The research subject is “The use of ceramic Nanofiltration membrane in desalinating brackish water”

SERVICE ACTIVITIES (Within and Outside the Institution)
Exhibition performed by chemical engineering industries course students within engineering faculty to show their products and the production process. 2^{ed} 2022 and 2^{ed} 2023

IMPORTANT PUBLICATIONS AND PRESENTATIONS (The Past Five Years)
Calculating ceramic NF membrane surface charge. Rasha Amer Hajarat. Proceedings of the International Conference on Advances in Chemical Engineering (AdChE) 2020. 10 Pages Posted: 3 Dec 2020.
Separating $MgBr_2$, KBr, and NaBr using Nanofiltration membrane – Theoretical. Rasha A. Hajarat, Banan Hudaib and Faisal Al-Awaysah. International journal of recent scientific research. Vol. 11, issure, 06 (D), pp. 38979-38984, June, 2020
Modeling of $CaBr_2$ ion transport through ceramic Nanofiltration membrane. Rasha A. Hajarat, Hadeel Alfasatleh, Rawan Alhgaish, Salam Nader. The journal of Mu’tah Lil-Buhuth wad-Dirasat ; Natural and applied sciences series.
Theoritcal study in using Nanofiltration membrane to separate KBr, KCl, K_2SO_4 and K_3PO_4. Rasha A. Hajarat. Chemical engineering science. Volume 270.

MOST RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES