

Arabic - Name	عائشه حسين نيازي
English - Name	Aeshah Hussain niyazi
Academic & Lab Tech. Position (If applies):* Choose from the list	Lecturer
Admin Position (If applies):	
Location: Building	Bldg A
Office #	84
Office Phone #	3459000
Ext:	3387
JUC Email:	niyazia@ucj.edu.sa
Areas of Expertise:	<p>Utilization of metal complexes as models for enzyme active sites or as drugs for specific enzymes.</p> <p>This area of research is a part of bioinorganic chemistry, the study of the biology of inorganic compounds. In my master's research, we mimic the active site of enzymes such as Histone Deacetylase and study how drugs bind to them³. We are also making metal-based drugs based on platinum and other metals for a variety of targets. Much of this work is done in collaboration with other researchers.</p>
Academic Degree:	<p>Master of Science in Chemistry, Depaul University, Chicago, Illinois, USA, 2016</p> <p>Bachelor's Degree in Chemistry, Taif University, Saudi Arabia, 2011</p>



Publications:

1. Gregory B. Kharas, William S. Schjerven, Fatimah A. S. Aldakheel, Edgar J. Crespo, Zachary M. Gaskell, Khalifa J. M. Jordan, Jonathon D. Knight, Angela R. Moses & Aeshah H. A. Niyazi (2017) Novel copolymers of styrene. 9. Chloro and fluoro ring-disubstituted propyl 2-cyano-3-phenyl-2-propenoates, J. of Macromolecular Science, Part A, 54:2, 67-70.
2. Elucidating the Solution-Phase Structure and Behavior of 8-Hydroxyquinoline Zinc in DMSO, Kyle A. Grice, Graham B. Griffin, Phoebus Sun Cao, Cesar Saucedo, Aeshah H. Niyazi, Fatimah Aldakheel, George E. Sterbinsky, and Robert J. LeSuer. Journal of Physical Chemistry A 2018, 122, 2906-2914
3. Understanding the structure and reactivity of the C–S linkage in biologically active 5-arylthio-5H-chromenopyridines. Kyle A. Grice, Renukadevi Patil, Anandita Ghosh, Jesse D. Paner, Michael A. Guerrero, Ehxciquiel Jaeroume M. Camacho, Phoebus Sun Cao, Aeshah H. Niyazi, Sitwat Zainab, Roger D. Sommer, Gulam Waris and Shivaputra Patil. New Journal of Chemistry 2018, 42, 1151-1158.

