

Faculty Member Name: Faisal A-Odail	اسم عضو هيئة التدريس: د/ فيصل العدیل
Job Title: Assistant professor	المسمى الوظيفي: أستاذ مساعد
Department: Chemistry	القسم: الكيمياء
Degree, Date of Graduation: 2010	الدرجة، تاريخ التخرج: 2010
Institution Graduated Form: <b>University of Southampton</b>	جهة التخرج: بريطانيا
Major Specialization: Chemistry	التخصص العام: الكيمياء
Minor Specialization: Physical Chemistry	التخصص الدقيق: الكيمياء الفيزيائية
Work Phone: 9528	هاتف العمل:
KFU Email: alomair@kfu.edu.sa	البريد الإلكتروني:
Research Interests: <b>Computational Chemistry.</b>  - <b>Electrocatalysis by metals, metal alloys, nano-structured materials, and metal oxides.</b>  - <b>Development of new catalysts for electrochemical reactions in fuel cells.</b>	
Publications: <b>1- <i>The Hydrogen Evolution Reaction and Hydrogen Oxidation Reaction on Thin Film PdAu Alloy Surfaces.</i></b> <b><i>Faisal A. Al-Odail, Alexandros Anastasopoulos and Brian E. Hayden, Phys. Chem. Chem. Phys., 2010, 12, 11398-11406.</i></b>	
<b>2- <i>Hydrogen Evolution and Oxidation Reactions on Palladium-Bismuth Alloys.</i></b> <b><i>Faisal A. Al-Odail, Alexandros Anastasopoulos and Brian E. Hayden, Top Catal (2011), 54: 77-82</i></b>	
<b>3- <i>A density functional theory study of structural, electronic and magnetic properties of small Pd<sub>n</sub>Ag (n=1-8) clusters.</i></b> <b><i>Faisal Al-Odail, Javed Mazher, Ahmed M. Abuelela, Computational and Theoretical Chemistry (2018), 1125, 103-111.</i></b>	