

# CURRICULUM VITAE

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**Objective:** Seek Postdoctoral Research Programme in the field of Molecular Biology in Aquatic Environment

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## **Experience:**

**2007-2012      DPhil Research      Dr. Jeanette Rotchell      University of Sussex, UK**

“Ionizing Radiation-Induced DNA Damage Response In Marine Mussels, *Mytilus edulis*”

**2000-2004      MSC Research      Dr. Mona Sharqawi (Professor)      King Saud University, KSA**

“Effect of Ethanol on Acetyl Choline Esterase and Total Protein Content in Different Brain Regions in Young and Adult Rats”

## **Publication:**

AlAmri, O. Cundy, A. Di, Y. Jha, A. & Rotchell, J. (2012) “Ionizing radiation-induced DNA damage response identified in marine mussels, *Mytilus sp.*” **Environmental Pollution** 168: 107-112

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## **Teaching Experiences:**

**2012-present      Assistant Professor at Faculty of Science, Zoology Department, King Saud University**

### **Teaching Undergraduate Course in:**

**2019-2020      103-ZOO, Principles of General Zoology**

**2012-2016      145-ZOO, General Animal Biology for the Medical Preparatory Year Students  
103-ZOO, Principles of General Zoology**

### **Teaching Postgraduate Courses in:**

**2012-2020      581-ZOO, Advanced Pollution  
597-ZOO, Selected Topics in Zoology  
571-ZOO, Ecology & Pollution  
579-ZOO, Selected Topics in Ecology & Pollution  
375-ZOO, Pollution  
573-ZOO, Advanced Ecology-1-  
570-ZOO, Ecology and Pollution  
572-ZOO, Animal Conservation  
599-ZOO, Research Project  
580- ZOO, Advanced Ecology**

**2003-2006      Administrator at Faculty of Science, Zoology department, King Saud University**

### **Teaching Undergraduate Courses in:**

**2003-2006      106-ZOO, Histology & Anatomy & Blood Groups and Human Traits  
101-ZOO, Histology & Parasitology and Anatomy  
102-ZOO, Histology & Parasitology and Anatomy**

### **Teaching Postgraduate PhD Course in:**

**2004-2005** 330-ZOO, Enumeration of Red & White Blood Corpuscles by Haemocytometer, Experiments of Detection of Blood, Blood Groups, Determination of Hemoglobin Content, Sense Organs  
 331-ZOO, Cell Biology, Detection of Carbohydrates & Proteins & Lipids, Centrifugation Procedure, Enzymes Experiments  
 630-ZOO, Enzymes of Digestive system & Experiments on Bile

### **Education:**

**2007 – 2012 DPhil in Biology and Environmental Sciences University of Sussex**

Awarded Jan 12, 2012. 'Ionizing Radiation-Induced DNA Damage Response In Marine Mussels, *Mytilus edulis*'

**2000 – 2004 M.SC. in Zoology King Saud University**

Awarded June 19, 2004 'Effect of Ethanol on Acetyl Choline Esterase and Total Protein Content in Different Brain Regions in Young and Adult Rats'

**1995 – 1999 Bachelor in Science and Education Prince Nourah Abdulrahman University**

### **Academic Experiences:**

**2000-2004 Courses in:**

431-ZOO Zoology Endocrinology (3hrs)	453-ZOO Pollution and Environment (3hrs)
463-ZOO Lab Technology (3hrs)	511-ZOO Entomology and Parasites (2hrs)
521-ZOO Aquatic Animals (2hrs)	531-ZOO Advanced Animal Physiology (2hrs)
543-ZOO Cell and Tissue Biology (2hrs)	571-ZOO Animal Ecology and Pollution (2hrs)
533-ZOO Physiology of Reproduction (3hrs)	536-ZOO Invertebrate Physiology (2hrs)
575-ZOO Ecology Physiology (3hrs)	532-ZOO Advanced Cell Physiology (2hrs)
500-ZOO Experimental Design in Zoology (2hrs)	

### **Awards & Certificates:**

Sept. 2014	Certificate of completion New Faculty Orientation and Preparation Programme (UK Professional Standards Framework, SEDA), King Saud University, Riyadh
4/2/2013	Certificate of participating on Jury committee at National Olympiad for Scientific Creativity, Riyadh
10-13/3/2013	Certificate of attendance ARAB LAB The Expo 2013 in Dubai World Centre, including seminars: <ul style="list-style-type: none"> <li>• Out of Lab and Mobile Measurement</li> <li>• Glovebox Integrated Thin Film Deposition Equipment</li> <li>• Nanodrop 1 µl is Enough</li> <li>• Performance of Next Generation Fixed Microwell Platform for Digital PCR</li> <li>• Good Density Practices</li> <li>• Easy Solutions for Elemental Analysis in Food and Oil Samples with Microwave Exited Plasma-Running on Air</li> <li>• A New Scientific Software Approach for the Routine Accurate Mass Screening: Application to Food and Environmental Samples</li> <li>• Modular Laboratory Room Systems</li> </ul>
2012-2013	Certificate of Completion The New Faculty Program (International Recognized), King Saud University
1-2/12/2012	Certificate of completion Effective Teaching Programme, King Saud University

30/4/2003	Certificate of attendance a Down's syndrome Education & Cultivation Day, The Research Centre at King Faisal Specialist Hospital and Research Centre
16/10/2002	Certificate of Attendance an International Symposium (Cancer 2002), The Research Centre at King Faisal Specialist Hospital and Research Centre
2001	English Language training worldwide, UK English course, Embassy Language training, UK
2000	English course, Regent Language training, UK Computer courses, Al-Khaleej Language & computer (Computer Learning Centers)

### **Memberships, Committees & Activities:**

2019-2020	Rapporteur of the Scholarship Committee Member in Procurement Committee Rapporteur in Initiatives and Development Committee
2015-2016	Member in External Purchase Orders Committee at Zoology Department, KSA
2014-2015	Member in Development & Quality Committee at Zoology Department, KSA
2012-2014	Head of Develop Skills Unit at College of Sciences, KSA Member in Lecturer Designation Committee at Zoology Department, KSA Member in Academic Guidance at Zoology Department, KSA Member in Qiyas Program 'Supervision', Ministry of High Education Member in Jury committee at 'National Olympiad for Scientific Creativity', Ministry of Education
2012	Member in Examination Audit & Review at Zoology Department, KSA Member in Schedule & Academic Guidance at Zoology Department, KSA
2004	Member in Laboratories Committee, KSA Member in Re-examination & Verification Committee, KSA Member in Social Activities Committee, KSA Member in Public Relations Committee, KSA Member in Examination Management Committee, KSA

### **Training Courses:**

2015-2016	Seven Principles for Teaching Excellence (King Saud University, KSU)
2012-2013	Effective Teaching Skills (King Saud University, KSU) New Faculty Orientation and Preparation Programme (Staff and Educational Development Association, SEDA)
09/11/2010	Keeping up-to-date in your subject (Research Skills, Sussex University)
26/10/2010	Literature searching using Web of Knowledge and Scopus (Sussex University)
19/05/2010	Preparing a Paper for Publication (Personal Effectiveness, Sussex University)
12/05/2010	Intermediate SPSS (Software Skills, Sussex University)
12/11/2009	Introduction to SPSS (Software Skills, Sussex University)
11/12/2008	Fire Warden Training Course (Sussex University)
18/11/2008	Advance Presentation Skills Training (Biological Sciences DPhils)(Presentation Skills, Sussex University)
29/10/2008	Writing Your Thesis-Experience from a Post-Doc (Writing Skills, Sussex University)

### **Skills Developed:**

- Techniques such as RNA Extraction, cDNA synthesis, Gel Extraction & PCR Clean up, Cloning Procedure including ligation and transformation, PCR set up, Real-time PCR, Western Blotting, Comet Assay, Preparing samples for sequencing and RNA-DNA Measuring
- Dealing with Gel Electrophoresis, PCR, Real-time PCR, Centrifuge, Spectrophotometer, Qubit measurement instrument, microwave, water bath, incubators and shaker incubators

- Designing primers, statistic SPSS, computer skills (office), analyzing data and searching the e-literature
- Good experience with guidance of undergraduate and postgraduate students
- Strong human relations skills and very welcoming character
- Very productive and has a combination of speed and accuracy in paper work
- Very well English spoken and written

**Nationality:** Saudi

**Date of birth:** 29/04/1978