



# Areej Ahmed Alosaimi

Assistant professor

## Personal Data

Nationality | Saudi

Department | Biology

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## Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2016	Ph.D.	University of Idaho	United State of America
2010	M.S.	Imam Abdulrahman Bin Faisal university	Saudi Arabia
2003	B.S.	Imam Abdulrahman Bin Faisal university	Saudi Arabia

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

<b>PhD</b>	Improving Shoot Growth and Multiplication of Native Plants in Tissue Culture.
<b>Master</b>	The role of antioxidant compounds in alleviation of heavy metal-induced stress in <i>Phaseolus vulgaris</i> .

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal university	2017
Lecturer	Imam Abdulrahman Bin Faisal university	2009
Assistant lecturer	Imam Abdulrahman Bin Faisal university	2004

## Scientific Achievements

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Al Alosaimi, A, and Tripepi, R	"Micropropagation of a Selected Clone of <i>Amelanchier alnifolia</i> ".	The annual conference of the American Society for Horticultural Science, in Orlando, Florida, July 28-31, 2014.
2	Al Alosaimi, A, and Tripepi, R	"Establishment and multiplication of firechalice in plant tissue culture"	In Vitro Biology Conference, in Tucson, Arizona, USA (2015)

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Al Alosaimi, A, and Tripepi, R	Improving Shoot Growth and Multiplication of Native Plants in Tissue Culture. (Ph.D.) Dissertation	University of Idaho (2016)
2	Al Alosaimi, A, and Shukry, W	The role of antioxidant compounds in alleviation of heavy metal-induced stress in <i>Phaseolus vulgaris</i> . (MS) thesis.	University of Dammam (2009)

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	The annual conference of the American Society for Horticultural Science	Orlando, Florida, USA July 28-31 (2014).	Poster
2	In Vitro Biology Conference	Tucson, Arizona, USA (2015)	Poster
3	The Society for In vitro Biology (SIVB) conference	Washington DC, USA (2016)	
4	Idaho Nursery and Landscape Association meeting	Boise, ID, USA (2015)	
5	The 32 <sup>nd</sup> Meeting of Saudi Biological Society	Umm al-Qura University Makkah Al-Mukarramah (2017)	poster



	“Human and Environmental Development in vision 2030		
6	الملتقى الثاني عشر لنظم المعلومات الجغرافية	الدمام شيراتون فندق	attend
7	ندوة لمناقشة احتياجات المملكة من البرامج الأكاديمية والقيادات	(KAUST) 2017	attend
8	مؤتمر الأحساء الندوة الدولية "الجوجوبا " الواقع والأمل في التقنية الحيوية Jojoba the reality and hope	King faisal university 2017	attend

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Basic plant physiology.		Lab
2	Plant anatomy		Lab
3	Plant taxonomy		Lab
4	Systematic botany		Lab
5	Soil analysis		Lab
6	Plant - water relationships		Lab
7	Phytohormones		Lab
8	Cell biology		Lab
9	Enzymology		Lab
10	Plant tissue culture		Lab
11	Plant Propagation		Lab
12	Plant anatomy		Lab
13	Cell Biology		Lab
14	Plant kingdom		Lab
15	General Biology	204	Lecture
16	Plant physiology	306	lecture

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	General Biology/ Bio101: This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism, genetics, classification, and other related topics. Upon completion, students are able to demonstrate an understanding of life at the molecular and cellular levels.
2	Plant physiology/ This course studying the enzymes and the factors influencing them, plant water relations, photosynthesis, respiration, metabolism in plant and secondary



	metabolism.
3	Plant growth and development: This course focuses on physiological, biochemical and molecular genetic bases of plant growth and development. modular body plan of higher plants , signal perception and transduction , plant hormones , mutation genetics as tool to study development , features of growth of the plant body and its organs, initiation and development of plant organs , transition to flowering , and senescence and death .

#### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	General Biology Bio101	√		√		Oct 2017	May 2017
2	Plant physiology	√		√		Dec 2017	May 2018
3	Plant growth and development	√		√		Sep 2018	Dec 2018

#### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1	General Biology Bio101	Biology	Imam Abdulrahman Bin Faisal university	2017
2	Plant physiology	Biology	Imam Abdulrahman Bin Faisal university	2017- 2018
3	Plant growth and development	Biology	Imam Abdulrahman Bin Faisal university	2018- 2019

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	Undergrad	7	Oct 2017	May 2018
2	Undergrad	10	Sep 2018	

#### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

##### Committee Membership

#	From	To	Position	Organization
1	December 2017	May 2017	E- Learning coordinator	Imam Abdulrahman Bin Faisal university
2	Sep 2017	Sep 2018	quality management and academic	Imam Abdulrahman Bin Faisal university



			accreditation unit	
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#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2015	2016	Teaching Assistant	University of Idaho (USA)

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	<p><b><u>Plant Physiology and biochemistry techniques</u></b>                      Quantitation of end products of plant primary metabolism (Carbohydrates, Proteins, Lipids, Nitrogen containing compounds, Plant pigments, etc)                      Performing different biochemical and histochemical enzyme assays                      Conducting field, green house and solution culture based experiments</p>
2	<p><b><u>Microbial techniques</u></b>                      Maintaining bacterial and fungal cultures                      Monitoring bacterial, actinomycetes and fungal growth</p>
3	<p><b><u>Plant Tissue culture</u></b>                      - Micropropagation                      -Plant tissue culture technique.</p>

Activities and workshops	year
New Faculty members orientation and mentoring training session	2017
"Author Workshop in Scholarly Publishing"	2017
Basics of Bioinformatics training course	2017
Learning outcomes for programs and course	2017
E course development (basic level)	2017



Assessment workshop	2017
Using Rubric in graduation project course	2017
Pearson lab mastering	2017
استخدام التقويم في عملية التدريس وكيفية بناء جدول مواصفات الاختبار	2017
ورشة توصيف المقررات	2017
مخرجات التعلم وطريق قياسها	2017
ورشة اعداد تقرير الدراسه الذاتيه للبرنامج	2017
ورشة عمل اعداد الخطه الاستراتيجيه	2017
تصميم المقررات الإلكترونية	2018
إدارة العبء المعرفي من خلال تصميم التعليم	2018
التعلم المرني	2018
مشروع تطوير المقررات الإلكترونية	2018
ندوه لمناقشة احتياجات المملكه من البرامج الأكاديميه والقيادات	2018
التعلم التعاوني للمتمركز حول المتعلم	2018
التغذية الراجعة في التدريس	2018
مؤشرات الأداء الرئيسية والمقارنة المرجعية	2018
ورشة اعداد الدراسه الذاتيه للبرنامج	2018
التدريس والتقويم باستخدام دراسة الحالة	2018
Reflections on adult learning	2018
Mentor training program	2018
Web of science	2018
Facilitating metacognition in the classroom	2018
Building faculty self-efficacy	2018
Attract students with your powerpoint presentation	2018



18/ 09/2018