



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Mohamed Attia Ahmed Awad
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Telephone(s) (+ 202) 37209480 Mobile: 00201003043114
00201021430462
E-mail mohamed.awad@agr.cu.edu.eg
Nationality Egyptian
Date of birth 23 February 1987
Gender Male
Marital Status Married



Work experience

Dates 29 July 2020 - Now

Occupation or position held Assistant professor, Animal Production Department, Faculty of Agriculture, Cairo University.

Main activities and responsibilities
1) Teaching the following courses for undergraduate students:
a. Principals of farm animals breeding (205 AAP).
b. Animal and poultry improvement (411 AAP).
c. Management of dairy cattle (401 AAP).

Name and address of employer
Faculty of Agriculture, Cairo University, 12613 Giza (Egypt)
Tel: (+202) 35716105 – 35717355 Fax: (+202) 37745574 – 35717355
Web: www.agr.cu.edu.eg

Type of business or sector Education and research sector.

Dates 22 October 2014 - 28 July 2020

Occupation or position held Assistant Lecturer, Animal Production Department, Faculty of Agriculture, Cairo University.

Main activities and responsibilities
1) Teaching the following courses for undergraduate students:
a. Principals of farm animals breeding (205 AAP).
b. Animal and poultry improvement (411 AAP).
c. Animal improvement (453 AAP).
d. Management of dairy cattle (401 AAP).
e. Preparing and Writing Scientific Reports (208 AP).
f. Animal and poultry production systems (329 AAP).
2) Participation in summer training for undergraduate students.
3) Research for my PhD degree.

Name and address of employer
Faculty of Agriculture, Cairo University, 12613 Giza (Egypt)
Tel: (+202) 35716105 – 35717355 Fax: (+202) 37745574 – 35717355
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Type of business or sector Education and research sector.

Dates 22 February 2010 - 16 June 2014

Occupation or position held A demonstrator (Teaching Assistant), Animal Production Department, Faculty of Agriculture, Cairo University.

Main activities and responsibilities

- 1) Teaching the following courses for undergraduate students:
 - a. Principals of farm animals breeding (205 AAP).
 - b. Animal and poultry improvement (411 AAP).
 - c. Animal improvement (453 AAP).
 - d. Management of dairy cattle (401 AAP).
 - e. Preparing and Writing Scientific Reports (208 AP).
 - f. Animal and poultry production systems (329 AAP).
- 2) Participation in summer training for undergraduate students.
- 3) Research for my Master degree.

Name and address of employer Faculty of Agriculture, Cairo University, 12613 Giza (Egypt)
Tel: (+202) 35716105 – 35717355 Fax: (+202) 37745574 – 35717355
Web: www.agr.cu.edu.eg

Type of business or sector Education and research sector.

Dates 7 January 2009 – 1 February 2010

Occupation or position held Agricultural engineering.

Main activities and responsibilities

- Management of the Dairy Herd (2000 Holstein cows).
- Management of animal husbandry.
- Monitoring Cows condition including identifying problems with cow's health.
- Monitored mating program for all animals.
- Evaluated various animal health programs to achieve goals.
- Administered everyday activities for all milking process and ensured clean milk containers and equipments.
- Ensure compliance to all animal welfare codes.
- Maintained and update all management records (herd health, production, and reproduction).
- Using Dairy COMP 305 program for keeping track of all cows' information.
- Prepared schedule of vaccination and breeding.
- Assisted in breeding of cows and performed various duties.

Name and address of employer Animal production sector, Dina Company For Agriculture Investment, Egypt.

Education

Dates 20 January 2015 – 28 April 2020

Title of qualification awarded Ph.D. in Agricultural Sciences (Animal Production).

Principal subjects/ occupational skills covered The title of my Ph.D. thesis is " Detection of candidate genes associated with milk production traits in Egyptian buffalo "

Name and type of organisation providing education	Department of Animal Production, Faculty of Agriculture, Cairo University, Egypt.															
Dates	18 January 2011 – 17 June 2014															
Title of qualification awarded	M.Sc. in Agricultural Sciences (Animal Production).															
Principal subjects/ occupational skills covered	The title of my M.Sc. thesis is " Genetic relationships and diversity analysis of Nile Delta-located buffalo using microsatellite markers"															
Name and type of organisation providing education	Department of Animal Production, Faculty of Agriculture, Cairo University, Egypt.															
Dates	September 2004 – May 2008															
Title of qualification awarded	B.Sc. in Agriculture Sciences.															
Principal subjects/ occupational skills covered	Major Specialization: Animal Production. Minor Specialization: Bee keeping. Accumulative grade: Excellent with the grade honor 92.14% (an accumulated GPA of 4).															
Name and type of organisation providing education	Department of Animal Production, Faculty of Agriculture, Cairo University, Egypt.															
Personal skills and competences																
Mother tongue(s)	Arabic															
Other language(s)																
Self-assessment <i>European level (*)</i>																
English	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>B1</td> <td>B1</td> <td>B1</td> <td>B1</td> </tr> </tbody> </table> <p>Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user</p> <ul style="list-style-type: none"> • Certificate, Pre-intermediate level from British council with very good degree (B). • Certificate, Academic test of English as a foreign language (TOEFL, 2019) with score of (547 marks). 	Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		B1	B1	B1	B1	B1
Understanding		Speaking		Writing												
Listening	Reading	Spoken interaction	Spoken production													
B1	B1	B1	B1	B1												
Social skills and competences	<ul style="list-style-type: none"> • Work well independently or as a part of a team. • Able to update new trends fast. • High sense of time management. • Reasonable teaching skills. 															

Technical skills and competences	<ol style="list-style-type: none"> 1. Experience in dairy farms management. 2. Molecular biology techniques: DNA isolation, DNA quantitative using UV spectrophotometer, PCR, Running PCR product on vertical and horizontal electrophoresis, using gel documentation system (Gel DocXR®, Bio-Rad), analyze electrophoresis gel data from all Bio-Rad imaging systems with Quantity One analysis software.
Computer skills and competences	<ul style="list-style-type: none"> • International Computer Driving License (ICDL; UN11040350), UNESCO, Cairo (Egypt). • Very good command of genetic analysis programs (MICROSATELLITE TOOLKIT, CONVERT, POPGENE, CERVUS, FSTAT, ARLEQUIN, GENETIX, GENEPOP, POPULATIONS, TREEVIEW). • Very good handling of various Office tools (2003, 2007, 2010): Microsoft Office (Word, Excel, Access, PowerPoint), I have been using them along my career. • Very good handling of the Internet.
Other skills and competences	<ul style="list-style-type: none"> • Ability to apprehend fast new technologies. • Ability to work under stress

Scientific Projects:

1. Member in the research team in a project supported financially by Cairo University, Egypt, entitled "Genomic evaluation for milk production traits in Egyptian buffalo: A step forward for sustainable improvement and food security ". (From: 2017-2019).
2. Member in the research team in a project supported financially by the Science and Technology Development Fund (STDF), Egypt, Grant No. 218, entitled "Microsatellite markers: as a tool for genetic improvement of milk yield and its contents in Egyptian buffaloes". (From: 22/2/2009-22/8/2011).

Publications:

1. Hamdy Abdel-Shafy, **Mohamed A. A. Awad**, Hussein El-Regalaty, S. E.-D. El-Assal and Samy Abou-Bakr (2020). Prospecting genomic regions associated with milk production traits in Egyptian buffalo. *Journal of Dairy Research*, 87 (4): 389-396.
2. **Mohamed A.A. Awad**, Samy Abou-Bakr, Hussein El-Regalaty, Salah El-Din El-Assal and Hamdy Abdel-Shafy (2020). Determination of Potential Candidate Genes Associated with Milk Lactose in Egyptian Buffalo. *World's Veterinary Journal*, 10(1):35-42.
3. Hamdy Abdel-Shafy, **Mohamed A.A. Awad**, Hussein El-Regalaty, Ahmed Ismael, Salah El-Din El-Assal, Samy Abou-Bakr (2020). A single-step genomic evaluation for milk production in Egyptian buffalo. *Livestock Science*, 234:103977.
4. **Mohamed A.A. Awad** (2020). Detection of candidate genes associated with milk production traits in Egyptian buffalo. Ph.D. thesis, Faculty of Agricultural, Cairo University, Egypt, 198 pp.
5. **M. Attia**, S. Abou-Bakr, A. A. Nigm, S. A. Attalla, and Naglaa A. Abdallah (2016). Molecular analysis of genetic variability in Egyptian buffalo using microsatellite DNA markers. 3rd International Conference on Biotechnology Applications in Agriculture (ICBAA), Benha University, Moshtohor and Sharm El-sheikh, 5-9, April 2016, Egypt. pp. 17-24.

6. **M. Attia**, S. Abou-Bakr and A.A.Nigm (2014). Genetic differentiation and relationship among Egyptian Nile Delta located buffalo using microsatellite markers. Egyptian Journal of Animal Production, 51(2):71-77.
7. **Mohamed A.A. Awad** (2014). Genetic relationships and diversity analysis of Nile Delta-located buffalo using microsatellite markers. M.Sc. thesis, Faculty of Agricultural, Cairo University, Egypt, 139 pp.
8. **M.Attia**, S.Abou-Bakr and Y.M. Hafez (2014). Genetic polymorphism of seven microsatellite DNA markers in Egyptian buffalo. 2nd International Conference on Biotechnology Applications in Agriculture (ICBAA), Benha University, Moshtohor and Hurghada, 8-12, April 2014, Egypt. pp. 7-12.
9. S, Abou-Bakr, M. A. M. Ibrahim, Y. M. Hafez, **M. Attia**, S. M. Abdel-Salam and W. Mekkawy (2012). Genetic characteristics of Egyptian buffalo using DNA microsatellite markers. Egyptian Journal of Animal Production, 49(2):121-126.
10. W, Mekkay, Y. M. Hafez, **M. Attia**, S.A.M. Abdel-Salam and S. Abou-Bakr (2012). Association analysis between microsatellite DNA markers and milk yield and its components in Egyptian buffaloes using a random regression model. Egyptian Journal of Animal Production, 49(1):9-18.

Membership of professional association		
Professional body	Level of membership	Year of award
Egyptian Society of Animal Production (ESAP).	Member	2010- Now

Conferences attended			
Title/ Location	Participation form	Date	City/Country
4 th International Conference On Biotechnology Applications in Agriculture. Faculty of Agriculture, Benha University, Egypt.	Attendance	4-7 April 2018	Moshtohor and Hurghada, Egypt
3 rd International Conference On Biotechnology Applications in Agriculture. Faculty of Agriculture, Benha University, Egypt.	Oral Presentation	5-9 April 2016	Moshtohor and Sharm El-sheikh, Egypt
2 nd International Conference On Biotechnology Applications in Agriculture. Faculty of Agriculture, Benha University, Egypt.	Oral Presentation	8-12 April,2014	Moshtohor and Hurghada, Egypt
1 st International Conference On Biotechnology Applications in Agriculture. Faculty of Agriculture, Benha University, Egypt.	Attendance	18-22 February,2012	Moshtohor and Hurghada, Egypt

Training courses and workshops attended			
Meeting type	Activity	Institution/Organization	Period
Training course	Legal and Financial Aspects in University Environment	Faculty and Leadership Development Center (FLDC), Cairo University	20-21 May, 2020
Training course	Critical Thinking	Faculty and Leadership Development Center (FLDC), Cairo University	8 February,2020
Training course	Strategic Planning	Faculty and Leadership Development Center (FLDC), Cairo University	18-19 December,2019
Training course	Crisis Management	Faculty and Leadership Development Center (FLDC), Cairo University	16-17 April, 2018
Training course	Communication Skills	Faculty and Leadership Development Center (FLDC), Cairo University	25-26 December,2017
Training course	Competing for Research Funds	Faculty and Leadership Development Center (FLDC), Cairo University	19-20 August,2017
Workshop	Gene expression analysis on large scale using microarray and real- time PCR techniques	Molecular Biology Lab, Cairo University Research Park(CURP)	29 September- 2October,2014
Training course	University Code of Ethics	Faculty and Leadership Development Center (FLDC), Cairo University	19-20 May ,2014
Training course	Conference Organization	Faculty and Leadership Development Center (FLDC), Cairo University	16-17 April, 2014
Training course	Exams and Students Evaluation Systems	Faculty and Leadership Development Center (FLDC), Cairo University	23-24 September,2013
Training course	Molecular Markers Applied to Livestock Conservation	Faculty of Agriculture, University of Ain Shams (Egypt), Animal Production Research Institute (Egypt) and Cordoba University (Spain) (FP7 EU project CATTLECONIKTA)	9-20 September,2012
Training course	Effective Presentation Skills	Faculty and Leadership Development Center (FLDC), Cairo University	7-9 February,2012
Training course	International Publishing Of Research	Faculty and Leadership Development Center (FLDC), Cairo University	22-24 November, 2011
Training course	E-Learning	Faculty and Leadership Development Center (FLDC), Cairo University	6-8 August, 2011
Training course	Principles and Application of Real Time PCR Technique	Technical Department, Delta Trading& Development Co.	26-28 September, 2010
Training course	DNA isolation, DNA quantitative, using UV spectrophotometer, PCR, Running PCR product on vertical and horizontal electrophoresis and data analysis	Molecular biology unit, Faculty of science, Ain Shams University.	1 April- 30 June, 2010