

## ***CURRICULUM VITAE***

Name	<b>Raed M. Al-Atiyat</b>
Title	Doctor
Position	Assistant Professor, Animal Genetics and Biotechnology
Work address	Animal Sci. Dep., Agriculture Faculty, King Saud University University, Riyadh, Kingdom of Saudi Arabia
Residential and Mailing address	AlOmra Str., AlMolqa, Riyadh, Kingdom of Saudi Arabia
Mobile	<b>+962 561403800</b>
Email	<a href="mailto:raedatiyat@gmail.com">raedatiyat@gmail.com</a> , <a href="mailto:ralatiyat@ksu.edu.sa">ralatiyat@ksu.edu.sa</a>

### **EMPLOYMENT**

2011-present	<b>Associate professore</b> Animal Genetic and Biotechnology Animal science Department, College of Agriculture King Saud University Kingdom of Saudi Arabia
2009-2011	<b>Associate Professor,</b> Animal Genetics and Breeding Animal Science Department, Faculty of Agriculture Mutah University, Jordan
2004-2009	<b>Assistant Professor,</b> Animal Genetics and Breeding Animal Science Department, Faculty of Agriculture Mutah University, Jordan
2004	Fellow Researcher, Animal Genetics lab. Animals Science Department, SRSA. University of New England, Australia
1997-2000	Teaching and Research Assistant Animal Genetics and breeding, Animal Sci. Dep., Faculty of Agriculture, Mutah University, Jordan

## ACADEMIC QUALIFICATIONS

Year	QUALIFICATIONS
2000-2004	<b>PhD</b> ; Specialized in Molecular Genetics and Breeding <i>University of New England, Australia</i> <u>Project Title:</u> <b>Molecular population genetics of Merino sheep.</b>
1994-1997	<b>M Sci.</b> (Animal breeding and genetics) <i>Jordan University. Jordan</i> <u>Project Title:</u> <b>Genetic parameters of Lactation Curve characteristics for Dairy cows in Jordan Valley.</b>
1990-1994	<b>B Sci.</b> (Animal Science) <i>Jordan University of Science and Technology, Jordan</i>

## Current

## Research

## Interest

- Genetic conservation of Jordanian livestock and wildlife animals.
- Using Computer models in modeling future conservation of Animal genetic resource and conservation genetics (e.g Population viability analysis)
- Quantitative and Molecular Genetics of Jordan livestock
- DNA-Parentage testing of livestock and wild life animals.
- DNA-Marker Assistant Selection and Quantitative trait loci (QTL) detection in livestock.
- Breeding program of Damascus, Dihawi and Crossbred goat through selection and crossing.

## PUBLICATIONS- In Conference proceedings

1. **Al-Atiyat R.**, 2008. Power of Microsatellite markers in detecting parentage of animals. 2nd Jordanian Egyptian Conference on Biotechnology, Yarmouk University, Irbid, Jordan. Nov. 2008.
2. Conservation genetics of indigenous animals of Jordan- A case study. Globdiv Summer Workshop, 2008. Global Biodiversity of livestock, 6-12 September 2008. Piacenza, Italy.
3. **Al-Atiyat R.**, 2007. Viability and Dynamics of Indigenous Cattle Population in Jordan. Proceeding of 6<sup>th</sup> Jordanian Agricultural scientific conference. Amman-Jordan. D33
4. **Al-Atiyat R.**, 2006, Biodiversity of Indigenous Chicken in Jordan using DNA Markers. Proceeding of 1st EJ Conference on Biotechnology and Sustainable Development, Cairo-Egypt.
5. **Al-Atiyat R.**, 2006. Assessment of biodiversity of indigenous chicken in Jordan. 8th World Congress on Genetics Applied to Livestock Production, August 13-18, , Belo Horizonte, MG, Brazil
6. **Al-Atiyat, R.** 2006. DNA based parentage testing in sheep. Biotechnology in Agriculture conference, Al-BALQA Applied Univeristy-NCARE. February 7<sup>th</sup> 2006. Amman-Jordan.
7. **Al-Atiyat, R.**, Flood W. D., Franklin I. B.P. Kinghorn and Ruvinsky A. 2003. Genetic structure of selected Merino sheep populations. *Proceedings of XIX International Congress of Genetics*. P.133. Melbourne, Australia
8. **Al-Atiyat, R.**, Flood W. D., Franklin I. B.P. Kinghorn and Ruvinsky A. (2002). Microsatellite variation and population genetic structure of selected Merino sheep flocks. *Proceedings of 7<sup>th</sup> World Congress on Genetics*

## **PUBLICATIONS- In Journals**

- **Al-Atiyat R.**, 2010. Genetic diversity of indigenous chicken ecotypes in Jordan. *African Journal of Biotechnology* Vol. 9(41): 7014-7019,
- **Al-Atiyat R.**, 2009. Extinction probabilities of Indigenous Cattle Population in Jordan using population viability analysis. *Livestock science*, 123:121-128
- **Al-Atiyat, R.** and M. AlBddor, 2009. Using Logiostic regression in evaluation adoption rate of feed block by sheep owners. *Jordan Journal of Agriculture Research*, 5 (1): 26-37.
- **Al-Atiyat R.**, 2009. DNA polymorphism of Indigenous chickens in Jordan. *Asian Journal of Animal and Veterinary Advances*. 4(5)237-244
- Tabbaa M. and **Al-Atiyat R.** 2009. Breeding objectives, selection criteria and factors influencing them for goat breeding in Jordan. *Small Ruminant Research*, 84: 8–15
- **Al-Atiyat R.**, 2009. Diversity of chicken populations in Jordan using discriminant analysis of performance traits. *International Journal of Agriculture and Biology*. 11 (4): 374–380
- Tabbaa M. and **Al-Atiyat R.** (2003) Correlation among some characteristics of lactation curve and environmental factors of Friesian cows raised under the conditions of Jordan Valley. *Dirasat, Agriculture Science*, Vol. 30, No. 2.
- **Al-Atiyat R.**, Tabbaa M., and Lubbaddeh W. (1999). Some characteristics of lactation curve of Friesian cows in Jordan and factors affecting them. *Dirasat, Agriculture Science*, Vol. 26, No. 1.

## **FELLOWSHIPS AND SCHOLARSHIPS**

- Research Visitor to Hohenhim University - Germany in summer semester (June-August), 2009, 2010 and 2011 funding through DFG and DAAD of Germany.
- Bursary for presenting a case study in Globdiv Summer Workshop, 2008. Global Biodiveristy of livestock, 6-12 September 2008. Piacenza, Italy.
- Fellowship as Researcher in Animal Genetics lab. , Animals Sci. Dep., University of New England, Australia. 2004.
- Studentship of presenting scientific paper in 7<sup>th</sup> *World Congress on Genetics Applied to livestock production. P.98. Montpellier-France. 2002*
- Scholarship of PhD study from Mutah University, Jordan. 2000-2004
- Scholarship of M Sci study from University of Jordan, Jordan. 1994-1996