**CURRICULUM VITAE**

**PERSONAL DETAILS**:

Name: Jihad M. Abdallah

Country of Citizenship: Palestine

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**EXPERTISE: Statistics and data analysis, Animal breeding and Genetics**

**EDUCATION:**

* **2001: Ph.D**. in Animal Science (Animal Breeding andStatistics). Department of Animal Science, North Carolina State University, Raleigh, NC.

Dissertation: "Studies on Genetic Evaluations of Dairy Bulls"

**GPA: 4.00**

* **1998: M.S.** in Animal Science (Animal Breeding and Genetics), Department of Animal Science, North Carolina State University, Raleigh, NC, U.S.A.

Thesis: “Genetic Parameters and Genetic Trends in North Carolina Experimental Dairy Herds”.

* **1997: D.E.S.S.** (Diploma of Advanced Specialized Studies) in Animal Production in Hot Regions, CIRAD-EMVT, Montpellier, France.
* **1994: B.S.** (first-class honor) in Animal Production and Health, Faculty of Agriculture, An-Najah National University, Nablus, West Bank.

**TEACHING AND RESEARCH EXPERIENCE:**

* **August 2007-present:** Assistant professor, Department of Animal Production, An-najah National University, Palestine
* **August, 2008 – August 2012:** Head of the Department of Animal Production, An-najah National University, Palestine.
* **2007** (February- Mars): **Research Engineer** (National Institute of Health and Medical Research, Toulouse, France)**;** **Research area:** Genetic association study for human diseases.
* **July 1, 2004 – June 2006:**  research engineer, Laboratory of Cellular Genetics (LGC), INRA, Toulouse, France; **Research areas:** population genetics, detection of selection signatures using marker data
* **November 2001-June 2004:** Postdoctoral research position at the animal breeding unit (SAGA), INRA, Toulouse, France; **Research area:** development of statistical methods for gene mapping.
* **August 2001-October 2001:** Research Associate, Department of Animal Science, North Carolina State University, Raleigh, NC; **Research area**: evaluation of Boer goat crosses in North Carolina.
* **1996-2001:** Teaching and Research Assistant, Department of Animal Science, North Carolina State University, Raleigh, NC.
* **1994-1995:** Teaching Assistant and lab technician, Department of Animal Production, An-Najah National University, Nablus, West Bank.

**PROGRAMMING SKILLS:**

* **FORTRAN 90/95**
* Development of programs:

1. A FORTRAN program for simulation of phenotypes and marker genotypes in a finite population under genetic drift
2. **QTLTER** (a FORTRAN program for mapping quantitative trait loci using linkage disequilibrium).
3. FORTRAN program for estimation of population demographic parameters with implementation of MCMC methods.

**EXPERIENCE IN USING EXISTING SOFTWARE:**

* **SAS** statistical package for data analysis
* **SPSS** and **MINITAB** statistical software
* **MTDFREML:** implementation of BLUP for estimation of variance components and prediction of random effects.
* Several programs used in population genetics (e.g. FDIST2, BOTTLENECK, IM, MIGRATE)
* Microsoft Word, Excel and PowerPoint.

**AWARDS, SCHOLARSHIPS AND HONORABLE MEMBERSHIPS:**

* **2014:** An-najah Journal best article award
* **2013:** An-najah Award for excellence in research
* **2011:** An-najah Award for excellence in research
* **1999**: Honorable membership of Phi Kappa Phi (National Honor Society/USA) for academic excellence.
* **1998**: Honorable membership of Gamma Sigma Delta (The Honor Society of Agriculture/USA) for academic excellence.
* **1996**: Fulbright Scholarship from USIA/AMIDEAST (USA).
* **1995**: Scholarship from the French Ministry of Foreign Affairs.

**LANGUAGES:**

* **Arabic** : Maternal Language
* **English**: Written and Spoken (excellent)
* **French**: Written and Spoken (excellent)
* **Spanish**: Written (good) and Spoken (fair)

**PUBLICATIONS:**

**Book chapters**

* Cierco-Ayrolles, C., **J . M. Abdallah,**  et al. **2004**. On linkage disequilibrium measures: Methods and applications. *In* **Recent Research Developments in Genetics and Breeding, Vol. 1- Part I,** *Ed.* Pandalai S.G., Research Signpost, Trivandrum (Kerala, India), pp. 151-180.

**Journal papers**

* O Tahseen, **J. Abdallah**, and JA Abo Omar. 2014. In situ degradability of dry matter, crude protein, acid and neutral detergent fiber of olive cake and greenhouse wastes of tomato and cucumber. *Revue Méd. Vét.*, 2014, **165**, 3-4, 93-98
* Moayed Ahmed and **Jihad M. Abdallah. 2013.** Comparison of milk yield and **r**eproductive performance of sheep breeds in the West Bank, Palestine. [An-Najah University Journal for research – Natural Sciences](http://scholar.najah.edu/journal/najah-university-journal-research-medical-and-health-sciences-volume-1-issue-1-2010), Vol 27,:111-128
* Faten N Tanjeer and **Jihad M. Abdallah. 2013.** Geographic variation of incidence rates of cancer and associated risk factors in NorthernWest Bank, Palestine, 2005-2008. [An-Najah University Journal for research - Medical and Health Sciences](http://scholar.najah.edu/journal/najah-university-journal-research-medical-and-health-sciences-volume-1-issue-1-2010) Vol. 2, Isssue
* Sabri Saqhir, Jamal Abo Omar, Omar Naser, Ibrahim Ghanam, and **Jihad Abdallah**. **2012**. Performance and carcass characteristics of finishing Black goat kids fed oil supplemented diets. Animal Feed Science and Technology, 175(2012):1-7.
* Rateb Othman**, Jihad Abdallah,** Jamal Abo-Omar. **2012**. Prevalence of the red mite (*Dermanyssus gallinae*) in layer flocks in four districts in northern West Bank, Palestine. Open Journal of Animal Sciences, Vol.2, No.2, 106-109
* Maxime Bonhomme, Claude Chevalet, Bertrand Servin, Simon Boitard, **Jihad Abdallah**, Sarah Blott, and Magali SanCristobal. 2010. Detecting selection in population trees: the Lewontin and Krakauer test extended. **Genetics** **186:241-262.**
* Boitard, S., **J. Abdallah,** H. de Rochambeau, C. Cierco-Ayrolles, and B. Mangin. **2006**. Linkage disequilibrium interval mapping of quantitative trait loci. **BMC Genomics** 7 (54).
* **Abdallah J.,** B. Mangin, C. Cierco-Ayrolles, B. Goffinet, H. de Rochambeau, M. Perez-Encizo. **2005.** Outils statistiques et informatiques pour l'analyse du déséquilibre de liaison**. Les Actes du BRG,** 5: 309-320.
* **Abdallah, J. M**., B. Mangin, B. Goffinet, C. Cierco-Ayrolles, and M. Pérez-Enciso. **2004**. A comparison between methods for linkage disequilibrium fine mapping of quantitative trait loci. **Genet. Res.** 83: 41-47.
* **Abdallah, J. M**., B. Goffinet, C. Cierco-Ayrolles, and M. Pérez-Enciso. **2003**. Linkage disequilibrium fine mapping of quantitative trait loci: A simulation study. ***Genet. Sel. Evol*.** 35: 513-532.
* **Abdallah, J. M**., and B. T. McDaniel. **2002**. Heritability of changes in genetic evaluations of dairy bulls from first to later records of daughters. ***J. Dairy Sci*.** 85: 951-957.
* **Abdallah, J. M**., B. T. McDaniel, and M. J. Tabbaa. **2002**. Relationships of productive life evaluations with changes in evaluations for yields. ***J. Dairy Sci*.** 85: 677-681.
* **Abdallah, J. M**., and B. T. McDaniel. **2002**. Prediction of most recent evaluations of Holstein bulls from first available pedigree information. *J. Dairy Sci*. 85: 670-676.
* **Abdallah, J. M**., and B. T. McDaniel. **2002**. Proven and young Holstein bulls compared for daughter yields, productive life, somatic cell score, and inbreeding. ***J. Dairy Sci*.** 85: 665-669.
* **Abdallah, J. M**., and B. T. McDaniel. **2000**. Genetic parameters and trends of milk, fat, days open and body weight after calving in North Carolina Experimental Dairy Herds. ***J. Dairy Sci*.** 83: 1364-1370.
* **Abdallah, J. M**., and B. T. McDaniel. **2000**. Genetic change in milk, fat, days open and body weight after calving based on three methods of sire selection. **J. Dairy Sci**. 83: 1359-1363.

**Conference papers**

* Bonhomme et al. 2010. Detecting selection in population trees: an extension of the Lewontin and Krakauer test with an application to pig. **9th World Congress on Genetics Applied to Livestock Production, Leipzig, Germany, August 1-6, 2010.**
* **Abdallah, J. M**, SanCristobal, M., and C. Chevalet. **2006**. Estimation of effective size and migration rates in twelve European pig populations using non equilibrium model. **8th World Congress on Genetics Applied to Livestock Production, Belo Horizonte, MG, Brazil, August 13-18, 2006**.
* S. Boitard\*, **J. Abdallah**, H. de Rochambeau, C. Cierco-Ayrolles, B. Mangin. Linkage Disequilibrium interval mapping of quantitative trait loci. **8th World Congress on Genetics Applied to Livestock Production, Belo Horizonte, MG, Brazil, August 13-18, 2006**
* Palhière I., Bibé B., San Cristobal M., **Abdallah J.**, Bed’Hom B., Pantano T., Frégeat G., Une race, quatre rameaux indépendants: quelle diversité génétique après 30 ans? , **12éme Renc. Rech. Rum., Paris, 7-8 December 2005, p300.**

**Abstracts:**

* Moayed Ahmed and **Jihad M. Abdallah.** Milk Production and Performance for Some Reproductive Traits of Sheep Breeds and Crosses in the West Bank. **International Graduate Conference on Science, Humanities and Engineering, May 4-5, 2011, An-najah National University, Nablus, Palestine.**
* Tanjeer, F. and **Jihad M. Abdallah.** Geographic variation in cancer incidence rates and associated risk factors in NorthernWest Bank, Palestine (2005-2008). **International Graduate Conference on Science, Humanities and Engineering, May 4-5, 2011, An-najah National University, Nablus, Palestine.**
* **Abdallah, J. M**, SanCristobal, M., and C. Chevalet. **2005**. Searching for genomic regions under selection in the European pig populations using microsatellite data. **28éme Réunion du groupe de Biologie et Génétique des Populations**, Bordeaux, France, August 29- September 1, **2005,** p4.
* **Abdallah, J. M**., B. T. McDaniel, and M. J. Tabbaa. 2000. Relationships of PTA productive life of AI Holstein bulls with changes in yield traits from first to second lactation. ***J. Dairy Sci***. 83 (Suppl. 1): 62
* **Abdallah, J. M**., B. T. McDaniel, and J. E. Legates. 1999. Genetic parameters and trends in fat-corrected milk yield, days open and body weight at calving in North Carolina experimental dairy herds. ***J. Dairy Sci***. 82 (Suppl. 1): 115.

**CONFERENCES AND SCIENTIFIC MEETINGS:**

1. Second Scientific Conference on Agricultural Research. An-najah University, Nablus, October 30, 2014. (**member of the scientific and preparation committees**)
2. The Scientific Conference on Agricultural Research. An-najah University, Nablus, March 25, 2012. (**member of the scientific and preparation committees**)
3. The International Graduate Conference on Science, Humanities and Engineering, An-najah University, Nablus, May 4-5, 2011 (**head of session and** **member of the scientific committee**).
4. The National Workshop for Launching the Agricultural Strategy in Palestine. Ramallah, March 30, 2010.
5. First Agricultural Conference of the Syndicate of Agricultural Engineers in Palestine, An-najah National University, Nablus, Palestine, December 23, 2009.
6. Graduate Studies Conference : Exploring the future of graduate studies in Palestine, An-najah National University, Nablus, Palestine, July 16, 2009.
7. **Chair** **of the organizing committee** of the scientific day « Prospects for development of Palestinian poultry industry », An-najah National University, Nablus, Palestine, March 18, 2009.
8. Second Palestinian National Fair Trade Conference. Al-Zababdeh, Palestine, March 16, 2009.
9. Workshop “Intended Learning Outputs”. An-Najah National University, Nablus, March 5, 2009.
10. Workshop “ Development of Scientific Research in Palestine: Future Perspectives”. An-Najah National University, Nablus, January 16, 2008.
11. 28éme Réunion du groupe de Biologie et Génétique des Populations, Bordeaux, France, August, 2005.
12. 7th WCGALP, Montpellier, France, August 2002
13. American Dairy Science Association/American Meet Science Association/American Society of Animal Science/Poultry Science Association Joint Meeting, Indianapolis, Indiana, July 24-28, 2001.
14. American Society of Animal Science/American Dairy Science Association Joint Meeting, Baltimore, Maryland, July 24-28, 2000.
15. American Dairy Science Association Annual Meeting, Memphis, Tennessee, June 20-23, 1999.

**REFERENCES:**

* **Munquez Shtaya**, Assistant professor, Former Dean of Faculty of Agriculture, An-Najah National University, P. O. Box 7, Nablus, Palestine, Tel. (972)-(0)9-2675893, Fax. (972)-(0)9-2675891, email: mshtaya@najah.edu
* **Gene Eisen,** Prof., Director of graduate studies, Department of Animal Science, North Carolina State University, Raleigh, NC 27695-7621. Tel. (919)-515-4017, Fax: (919) 515-7780, e-mail: [Gene\_Eisen@ncsu.edu](mailto:Gene_Eisen@ncsu.edu).
* **Magali SanCristobal,** Researcher**,** INRA-LGC, BP 52627, 31326 CASTANET-TOLOSAN, France. Tel. (33) 5 61 28 51 22, Fax: (33)5 61 28 53 08, e-mail: [msc@toulouse.inra.fr](mailto:msc@toulouse.inra.fr).