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Mohamed Soliman Moselhy Mousa

Objective

To utilize leadership experience as a Director of the University Center for Career Development (UCCD) at Assiut University and to develop and implement strategic programs that strengthen the connection between higher education and the labor market. Focusing on empowering students and graduates through evidence-based career services, employer engagement, and capacity-building initiatives while fostering continuous improvement in institutional performance and service delivery.

Positions

- Director, University Center for Career Development (UCCD), Assiut University. Dec. 2022 – Till now.
- Deputy Director, (UCCD), Assiut University. July 2022 – Dec. 2022.
- Post-Doctoral position, Animal Science Department, Faculty of Agriculture, University of Minnesota, USA. Mar 2018 – Mar 2019.
- Lecturer, Animal Production Department, Faculty of Agriculture, Assiut University. July 2015 – Till now.
- Joint Supervision Ph.D. program. Animal Science Department, Faculty of Agriculture, University of Minnesota, USA. April 2012 to April 2014.
- Teacher assistant, Animal Production Department, Faculty of Agriculture, Assiut University. 2001- June 2015.
- B.Sc., Animal Production Department, Faculty of Agriculture, Assiut University (very good with owner). Sep. 1997 – June 2001.

Language skills

- Arabic (Mother language).
- English (very good speaking and writing).
- (TOEFL Local score: 530).
- International TOEFL score (CBT) 243 (listening 25, structure and writing 24, reading 24, essay 4) on 26/06/2006.

Education

- International TOEFL score (iBT) 76 (listening 17, speaking 19, reading 22, writing 18) on 09/05/2009.
- Attend an AMIDEAST English language course in intermediate and pre-intermediate levels.
- Gained a fully funded Post-Doc. Program (March 2018 – March 2019). Animal Science Dep., Faculty of Agriculture, University of Minnesota, USA.
- Finished a Philosophy of Doctoral degree in June 2015 under title "Estimation of genetic parameters for measures of calf survival, health measures, growth and their associations with subsequent performance in first lactation" Dep. of Anim. Prod., Fac. of Agri., Assiut Uni., Assiut, Egypt.
- Gained a fully funded Joint Supervision program (April 2012 – April 2014) to conduct my Ph.D. practical part at Animal Science Dep., Faculty of Agriculture, University of Minnesota, USA.
- Finished a master's degree on Apr. 2008 under title **"A genetic study of lactation curve in a herd of Holstein cattle in Egypt"** Dep. of Anim. Prod., Fac. of Agri., Assiut Uni., Assiut, Egypt.
- Lecturer in Animal Production Department, Faculty of Agriculture, Assiut University. 2015 – Till now.
- Joined Animal Science Dep., University of Minnesota, USA under a joint supervision program. April 2012 – April 2014.
- Teaching Assistant in Animal Production Department, Faculty of Agriculture, Assiut University. Dec. 2001 – July 2015.
- Undergraduate student, Faculty of Agriculture, Assiut University, Assiut, Egypt. Sep. 1997– June 2001.
- High School student, Nasr Secondary School, Assiut, Egypt. Sep. 1994- June 1997.
- Secondary School student, Nasr Elementary School, Assiut, Egypt. Sep. 1991- June 1994.
- Primary School student, Badr Language School, Assiut, Egypt. Sep. 1988 – June 1991.
- Primary School student, University Primary School, Maryland, USA. 1983-1988.

National training, certifications and awards

- Certified Manager (CM) certification held by Institute of Certified Professional Managers (ICPM) May 2025.
- Certified Career Service Provider (CCSP) held by National Career Development Association (NCDA) May 2025.
- Fundamentals of Labor Market Information (LMI) training 16-18 July 2023.
- Training of Professional Trainers (ToPT) (50 contact hours) held by School of Continuing Education, The American University in Cairo (AUC) October 2022 – December 2022.
- Facilitator Career Development (FCD) training held by School of Continuing Education, (AUC) November 2022 – December 2022.
- Event Management training held by School of Continuing Education, (AUC) December 2023.
- Advanced workshop on preparation of a leadership activities at Helwan, Cairo, Egypt. 2003.
- Advanced workshop on preparation of a teacher activities at Assiut University, Assiut, Egypt 6-12 Dec. 2003.
- FLDP (Faculty and Leadership Development Project), attended several workshops: Teaching with Technology, Active learning, thinking skills, Law issues of the Universities, how to compete for a research fund, International publishing of research, Conference organization, University administration, and Communication manners in different learning methods.

- Intro. Excel & Access with excellent grades.
- Honor Undergraduate Student Award 2000 (Third grade, Faculty of Agriculture, Assiut University)
- International Computer Driving License (ICDL) April 2009
- HEEPF (Higher Education Enhancement Project Fund): Advanced Theoretical and Practical Topics PCR (level II) (12-15/12/2005).
- GRE (Graduate Record Exam) general test Dec. 2009.
- Applications of Biotechnology course 12-14 April 2010.
- Gained a fully funded joint supervision program to Animal Science Dep., Faculty of Agriculture, University of Minnesota, USA.
- Gained a fully funded Post-Doc. Program for one year from both Egyptian Cultural and Missions Affa and my Mentor (Anthony James Seykora) to Animal Science Dep., Faculty of Agriculture, University Minnesota, USA.
- Attended several online Animal Breeding & Genetics Courses, University of Minnesota, USA.
- COEA (Center Of Excellence for Agriculture) certificate of training of the grant writing workshop O 13 -14, 2019.

Research experience

- Teaching courses in Animal Breeding, Sheep & Dairy Production, Quantitative Genetics, Biostatistics, Linear models, Mixed Model analysis by MTDFREML and REMLf90, Threshold model analysis, Biometrics and Data processing, Binary and categorical traits analyses and RANDOM REGRESSION analyses (RRM).
- Applying different Animal Breeding software (REMLf90, MTDFREML, ABTK, SAS, R, Table Curve 2D, 3D,etc.) to estimate breeding values (BV's) and predicting transmitting ability (PTA's) for cattle.

Societies Membership

- Member of ESAP (Egyptian Society of Animal Production).
- Member of ADSA (American Dairy Science Associations).
- Member of COEA (Center Of Excellence for Agriculture), a project funded by USAID.
- Member of Ahmed Orabi Society for people of El-Sharkia Governorate living in Assiut.

Student training and supervision

- Trained held by (AUC) to conduct workshops (How to write a professional resume – Interview techniques – Job search – career path).
- Teaching under/graduate students Animal Breeding & Genetic Courses.
- Co-supervising M.Sc. & Ph.D. students to conduct their research.

- Organize reference materials, visual aids and other materials required for research.
- Conduct seminars, discussion groups, and laboratory sessions to supplement lectures.
- Preparing and administrating exams, grade examinations, term papers, and laboratory reports.
- Assisting under/ graduate students in conducting mathematical models to “best fit” their data for analyses.
- Assisting under/ graduate students through summer practical training courses.

Conferences

<ul style="list-style-type: none"> • <i>6th International Conference on Rabbit production in hot climate, Assiut, 1-4 Feb. 2010, Faculty of Agriculture, Assiut University, Egypt.</i> 	<ul style="list-style-type: none"> • listener
<ul style="list-style-type: none"> • <i>1st International Conference On Biotechnology Applications In Agriculture, Moshtohor-Hurghada, 18-22 February 2012, Faculty of Agriculture, Benha University, Egypt.</i> 	<ul style="list-style-type: none"> • listener
<ul style="list-style-type: none"> • <i>ADSA-ASAS Joint Annual Meeting (JAM) 8-12 July 2013, Indianapolis, Indiana.</i> 	<ul style="list-style-type: none"> • presenter
<ul style="list-style-type: none"> • <i>International conference of Animal Production, Hurghada, 7-10 April 2015, Egyptian society of Animal Production (ESAP), Egypt.</i> 	<ul style="list-style-type: none"> • presenter
<ul style="list-style-type: none"> • <i>ADSA-ASAS Joint Annual Meeting (JAM) 24-28 June 2018, Tennessee.</i> 	<ul style="list-style-type: none"> • listener

Extracurricular activities

- Assisting in the establishment of Agriculture Computing for helping faculty staff and graduate students in designing their experiments and in analysis and interpretation of their results; procurement necessary software for the analyses and implementing of different statistical software i.e. R, REMLf90, Minitab, SPSS, BMDP, SAS, Table Curve 2D, 3D and others.
- Participated in the 37th Agriculture sports workshop (1- 4 Feb. 2009).
- Participated in the 6th International conference “Rabbit Production in Hot Climate” 1 - 4 Feb. 2010.

Skills & Interests

- Great knowledge of data entry and handling for analyses.
- Able to handle different animal breeding statistical software.
- Able to perform selection indices and use different models to predict production for early selection and culling.
- Able to organize conferences and workshops.
- Assisting several animal breeders to build their own farms.

- Curiosity and an eagerness to contribute to a team.
- Microsoft office package (Word, Excel, Power Point).
- Tennis, running, biking, reading, computers (hardware & software), and traveling.

Publications

- Mousa, M. S. 2008.** A genetic study of lactation curve in a herd of Holstein cattle in Egypt. M.Sc. thesis submitted to the Faculty of Agriculture, Assiut University, Assiut, Egypt.
- Mousa, M. S.,** Emad, F. M., Galal, S. 2011. Estimation of genetic and phenotypic parameters of the lactation curve of Holstein Frisian using incomplete gamma function. (Under press).
- Mousa, M. S.,** Emad, F. M., Galal, S. 2011. Estimation of genetic and phenotypic parameters of the lactation curve of Holstein Frisian using accumulative milk yield. (Under press).
- Mousa, M. S.,** A. J. Seykora, H. Chester-Jones, D. M. Ziegler, and J. B. Cole. 2013. Heritability estimates of performance and health traits of Holstein calves. Poster presentation, ADSA-ASAS Joint Annual Meeting (JAM) 8-12 July 2013, Indianapolis, Indiana.
- Mousa, M. S. 2015.** Estimation of genetic parameters for measures of calf survival, health measures, growth and their associations with subsequent performance in first lactation. Ph.D. thesis submitted to the Faculty of Agriculture, Assiut University, Assiut, Egypt.
- Mousa, M. S.,** A. J. Seykora, M. A. Abdellatif, and E. F. Mousa. 2015. Heritability and genetic correlations of age at first calving as affected by calf-hood fitness and health traits in Holstein heifers. Egyptian J. Anim. Prod., 52, Suppl. Issue, April (2015):37-43.
- Mousa, M. S.,** A. J. Seykora, H. Chester-Jones, D. M. Ziegler, J. B. Cole. 2020. Heritability estimates of fitness and health traits of Holstein calves. (Under press).
- Mousa, Z. A. A., H. A. Daghash, A. A. Azoz, **M.S. Mousa,** and M. M. Farghaly. 2021. Productive and physiological effects of chamomile and rosemary aqueous extract on New Zealand and white growing rabbits. Egyptian Journal of Rabbit Science, 31(2): 217-235.
- Nisreen, O., **M. S.M. Mousa,** Bradley J. Heins, G. A. Abd El-Hafez, and A.M.A. Hussein. 2025. The Impact of Breed, Parity, and Calving Season on Somatic Cell Score in Dairy Cattle. Assiut Journal of Agricultural Sciences 56(1): 100-110.

References

- **Prof. Dr. Anthony James Seykora**

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