**Jamal Alrusheidat, PhD**

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**Education**

* **PhD.** Agriculture Education. Columbia, MO / USA. 1996.
* **MSc**. Extension Education. Columbia, MO / USA. 1992.
* **BSc.**  Agronomy. Moscow, USSR. 1983.

**Summary of Qualifications**

* University teacher at Jerash Private University.
* Assistant to Director General of NCARE for five years.
* Twelve years of experience in training and livelihood development programs.
* Senior training and management positions at NCARE, NCARTT and in several international projects.
* Excellent verbal and written communication skills including reporting abilities.
* Director of Extension Education, Training, and Technology Transfer Depts. for several years.
* Organizer of the First & Second Treated Waste Water Reuse Conferences.
* Organizing committee member of the 1st conf. about Food Safety of Animal Products.
* Organizing committee member of the "First ISHS symposium on Food Quality Assurance”
* Project Manager and coordinator for seven international projects.
* Attended over 28 different training courses in Jordan and 13 other countries.
* Supervisor of most printed materials at NCARTT & NCARE (including reports, website, proposals, booklets, leaflets, annual reports, etc) in English and Arabic.
* Technology Transfer Specialist (TTS) for 8 international projects.
* Editorial Committee Member for three international journals.
* Conducted nine studies for international agencies: Two for a UK company in Yemen and Uzbekistan, three for the International Food Research Policy Institute IFPRI, USA, three for the World Bank, and another one for ICARDA.
* Translated a book for the World Bank about agricultural advisory services. 2014
* Academic teacher in the USA a teaching certificate 1998 -2001
* Computer Based Testing Supervisor (CBT) certificate for standardized tests in the USA.
* Editor of AARINENA Newsletter for couple of years.
* Chief Editor for an international magazine. July. 2018 - Present
* Member of master degree defense programs at UoJ, JUST and Jerash Univ.
* Recognized as an "Expert in Extension Education" by Agricultural Engineers' Association.
* Published 36 different research studies in addition to over 30 articles in local journals.
* Published a book entitled (Milk processing products). 2017
* Book translation " Reaching out for field reality". 2020
* Supervised 24 master degree students between 2017-2023 at Jerash University
* Conducted and contributed to several World Bank studies 2017-2021

**Experience**

* **University lecturer. Jerash Private University, Oct. 2016- Present**
* Develop lectures in agricultural & extension education, capacity building, tech. transfer, etc
* Prepare and administer exams for students.
* Develop special studies for student improvements.
* **Assistant to Director General & Director of Extension, NCARE, 2012- Oct. 2016**
* Provided technical, administrative and financial supervision and management.
* Ensured effective delivery of program components with the agreed plans.
* Prepared regular updates, including verbal and written reports as required.
* **International call center. Canada 2010- 2011.**
* Solved customer problems in three languages
* Served as primary liaison with clients and key stakeholders.
* **Director of Training and Project Manager, NCARE 2004-07 (+ the main job)**
* Planned organized, conducted, supervised and evaluated training activities.
* Supervised all workshops and training activities
* Prepared and supervised educational printed materials.
* Identified current and prospective training needs of the department.
* **Director of Technology Transfer Department. Amman 2001-2004**
* Supervised all printed material (proposals, brochures, leaflets, etc.)
* Supervised and edited research proposals for international donors.
* Supervised all research proposals and extension activities in the region.
* **Academic teacher I & II. USA, 1998-01 & Comp. Based Testing Supervisor (CBT) / (PT).**
* Developed instructional lectures to students
* Supervised all computer tests in and outside campus.
* Conducted studies and submitted evaluation reports for improvements.
* **Director of Deir Alla/ Jordan Valley Regional Research Center. 1996-1998**
* Supervised research and extension activities in the Jordan Valley.
* Monitored and supervised budget and administrative
* Submitted evaluation and annual reports of personnel and activities.

**Workshops, Conferences, Seminars and Training Courses**

* Development and Operation of Extension Programs. USA). June- Aug. 1985.
* Weed Management. University of Jordan. Jan 12-31, 1986.
* Extension Methodology. Amman. April 12-23, 1986.
* Training of Trainers. Amman. Jan-March, 1989.
* Applied extension programs. Amman, 1987.
* Training of Trainers. USA. Aug-Sept. 1989.
* Extension Methodology. Amman. Nov. 1989.
* International Field School. (USA). June - July 1990.
* Mid Winter community seminar. Rhode Island, USA.
* Suburban Agriculture and Environmental Protection. USA). Dec-Jan 1995-6.
* Computer Based Testing. USA, 2002.
* Sustainable Use of Dry Land Areas. UNDP, Syria. Aug 20-22, 2002.
* Strategic Planning for Agricultural Development. FAO Nov 25-28, 2002.
* Decision-Making and Problem Solving. Amman. March 23-April 3, 2003.
* Community Participation and Livelihood Approach UNDP. July 8-12, 2003.
* Writing Research Proposals. FAO/ Amman. Sept 8-12 2003.
* Virtual Extension Network (VERCON). FAO/ Egypt. Dec 13-18, 2004.
* Farming Systems in the Dry Land. Egypt. Jan 18-25, 2004.
* Agro Biodiversity in School Curriculum. Syria / March 19-22, 2004.
* Regional Technology Transfer Workshop. JUST. March 30-April 1, 2004.
* Euro- Standards for Exports (EUREPGAP). FAO. Amman, March 15-18, 2004.
* Options for Extension Reforms in the Near East. FAO. Amman. Oct 2-4, 2004.
* Land Tenure and Rural Development. Taiwan. March 5-April 14, 2005.
* Strategic Planning for Decision Makers. University of Jordan. Jan 18-27, 2006.
* Project Management. NCARTT, May 28-June 1, 2006.
* Mediterranean Dialogue on Integrated Water Management. Spain. Sep. 3-10, 2006
* World Forum on Extension Education. India Jan 7-13, 2007.
* MELIA. Integrated Management of Water Resources. Italy, Feb. 14-18, 2007
* Post-Harvest Technologies. USA, June 16- July 10, 2007.
* Role of education and training in development. Amman, 2007.
* Extension education expert meeting in Libya, Arab Org. for Agr. Development. 2012.
* Organizing committee member and participant of the "The Scientific Conference in Agricultural Extension Education in Jordan. 2014
* Organizing committee member and participant of the " The First Extension Education Conference in Jordan. Irbid, 2015.

**Conducted Studies and Publications**

* An assessment of Missouri secondary and elementary teachers’ perceptions of environmental issues, 1996.
* Technology transfer. A paper presented to FAO/ AARINENA Proceedings of "Sub regional expert consultation meeting on technology transfer. JUST. 2004.
* Preventing environmental problems in the arid and semi arid zones. New Medit. V.III. N.3, 2004.
* Improving agricultural extension education. Northern Agricultural Development Project. Yemen / Sponsored by AWMC / England. 2006.
* The role of technology transfers in the sustainable conservation of agro biodiversity in the Arid and semi arid zones. New Medit, 2006
* Institutional developments. International Food Research Policy Institute (IFPRI), USA. 2006.
* Extension education in Uzbekistan. AWMC / England. 2006.
* Cultural dimensions of technology transfer. Journal of Food, Agriculture and Environment Vol.4. January 2006.
* Agricultural science and technology indicators. International Food Research Policy Institute (IFPRI), Washington DC, USA. 2006.
* Jordan, Country, chapter No. 8, Saravanan, R. 2008. Agricultural extension: Worldwide innovations, New India Publishing Agency, New Delhi. pp: 223-249. 2007
* Agricultural science and technology indicators. International Food Research Policy Institute (IFPRI), Washington DC, USA. 2014.
* An investigation of training needs assessment of vegetable growers. Ciência Rural, CR-2014-1611.
* World Bank book translation. Strengthening agr. extension and advisory systems. 2015.
* Climate change adaptation and technology transfer: The path to disaster risk reduction in the Arid and semi arid zones. The case of Jordan. New Medit V. XV. No. 1, 2016.
* Validating farmers' adoption for salt-tolerated crop seeds in Jordan. [Asian Journal of Agricultural Extension, Economics & Sociology](http://sciencedomain.org/journal/25). AJAEES\_24291\_Mus, 2016.
* Ciência Rural - CR-2014-1611 - An investigation of training needs assessment of vegetable growers in Jordan
* An Investigation of the Perceived Educational Needs of The Public Agricultural Extension Agents in Jordan. Jokull ISSN: 0449-0576. *V. 64, No. 9;Sep 2014*
* [National Center for Agricultural Research and Extension](https://www.asti.cgiar.org/jordan/directory/national-center-agricultural-research-and-extension), 2014. International Food Policy Research Institute -IFPRI. USA
* An investigation of training needs assessment of vegetable growers in Jordan. European Seminar on extension and education. Wageningen, The Netherland. Apr. 28- May 1, 2015.
* Salt-tolerant Triticale (X *Triticosecale* Witt) Cultivation in Jordan as a New Forage Crop. American Journal of Experimental Agriculture. 12(2): XX-XX, 2016, Article no. AJEA.24292. ISSN: 2231-0606
* Yield response to fodder to seed rate under non conventional water conditions. Regional symposium on scientific outcomes of International Center for Biosaline Agriculture ICBA Project in Jordan 2016.
* An investigation of training needs assessment of vegetable growers in Jordan. Journal of Agricultural Science 2016.
* Perceptions of vegetable growers in Balqa and Mafraq Governorates in Jordan towards their training needs in the areas of production, marketing and management. Jordan Journal of Agricultural Sciences, Volume 12, No.4 2016
* Enabling the business of agriculture in Jordan. Connecting farmers to information. World Bank Group. 2016.
* Milk processing, manufacturing and production. Book. 2016
* Assessing Ext. agents training needs, barriers, and training methods in Jordan. Journal of Agricultural Science and Technology. 2017.
* Enhancing agricultural extension services for rural development in Jordan. International Journal of Agricultural Extension, Vol. 5 No. 2, 2017
* The Role of Technology Transfer in Supporting Climate Change Adaptation - the Avenue to Disaster Risk Reduction in the Arid and Semiarid Zones**.** Open Access Journal of Environmental and Soil Sciences.2018
* Digital Business Indicators. 2016 /2017. Contributor- World Bank Group
* *Enabling the Business of Agriculture* 2017/ 2018. World Bank Group
* ICT questionnaire of Jordan. World Bank Group. 2019
* Digital Business Indicators' Project 2020 (Contributor) (In Progress. Will appear in 2021 "World Bank Report).
* Reaching out for field reality. Book Translation. 2020
* Agricultural extension in Jordan, perspectives and challenges. In progress.

**Others (Local publications)**

* Environmental education and its role in eliminating natural resource degradation. In Arabic. Agricultural engineer's association, 77, 2004
* Technology transfer, a changeable process affected by outside environment. In Arabic. Petrana 2005.
* AARINENA news letter, in both languages all 2006 and 2007 issues.
* Extension agents' role in mitigating climate change effects. Arab Farmer, 41, 2013.
* Extension education - Facing the challenges in world food security. Agriculture in Jordan and the Arab world. In Arabic, 69, 2014.
* Can environmental education stop the natural resource degradation? Agriculture in Jordan and the Arab world. 70, 2014
* Indigenous Knowledge: Precious information for agricultural sustainability. Agriculture in Jordan and the Arab world. 71, 2014.
* Technology transfer: the sustainable solution to climate change. Agriculture in Jordan and the Arab world. 73, 2014.
* Indigenous knowledge and its role in food security and mitigating climate change. The Arab Farmer. 43, 2014.
* Environmental education: challenges and opportunities. Arab Farmer, 42, 2014.
* The leading role of advisory services in mitigating climate change implications. Agriculture in Jordan and the Arab world. 75, 2015.
* Women's role in facing climate change implications. In Arabic. 76, 2015
* Risk management. Agriculture in Jordan and the Arab world. 78, 2015.
* Water poverty in Jordan- The critical factor for achieving sustainable development and poverty alleviation. Agriculture in Jordan and the Arab world. 79, 2015.
* Do we need a green revolution in Jordan? Agriculture in Jordan and the Arab world. 80, 2016.
* Women in agriculture and food security. Agriculture in Jordan and the Arab world.
* Agricultural policies in the Arab World. Agriculture in Jordan and the Arab world. 84, 2016. (In Arabic).
* Extension education ethics. Agriculture in Jordan and the Arab world. 85, 2016. (In Arabic).
* Effective Planning in Jordanian Rural Development. Agriculture in Jordan and the Arab World, 87. 2017

**Workshops, Conferences, Seminars & Training Courses**

* Development & Operation of Extension Programs (USA). June- Aug. 1985.
* Training of Trainers. USA. Aug-Sept. 1989.
* International Field School. (USA). June - July 1990.
* Suburban Agriculture and Environmental Protection. USA. Dec-Jan 1995-6.
* Regional Agriculture in the Middle East. Egypt. Nov 16-20 1997.
* Sustainable Use of Dry Land Areas. UNDP, Syria. Aug 20-22 2002.
* Strategic Planning for Agricultural Development. FAO Nov 25-28 2002.
* Decision-Making & Problem Solving. Amman. March 23-April 3 2003.
* Community Participation & Livelihood Approach UNDP. July 8-12 2003
* Writing Research Proposals. FAO/ Amman. Sept 8-12 2003.
* Virtual Extension Network (VERCON). FAO/ Egypt. Dec 13-18 2004.
* Farming Systems in the Dry Land. Egypt. Jan 18-25 2004.
* Agro Biodiversity in School Curriculum. Syria / March 19-22 2004.
* Regional Technology Transfer Workshop. JUST. April 1-3, 2004.
* Options for Ext. Reforms in the Near East. FAO. Amman. Oct 2-4 2004
* Land Tenure and Rural Development. Taiwan. March 5-April 14, 2005.
* Strategic Planning for Decision Makers. U. of Jordan. Jan 18-27, 2006.
* Institutional Development (2006)
* Project Management. NCARTT, May 28-June 1, 2006.
* Integrated Water Management. Spain. Sep. 3-10, 2006
* World Forum on Extension Education. India Jan 7-13, 2007.
* MELIA. Integrated Water Management. Italy, Feb. 14-18, 2007
* Post-Harvest Technologies. USA, June 16- July 10, 2007.
* Senior Consolation Conference. Belgium. May 30-June 2, 2012.
* Twining Project Study Visit. Italy, Sep. 9-14, 2012.
* Expert Consultation & Market Oriented Agriculture Advisory Services (MOAAS). Amman Oct. 15-17, 2012.
* Regional expert meeting. Tripoli, Libya, Arab Org. for agr. Dev. Dec. 2012
* Risk Management in Agriculture. CARDNI, Amman Nov.6-8, 2012
* Social Media and Employment. Holland, Nov. 16-22, 2012
* Agricultural extension in Jordan. Perspectives and challenges. Amman. 25/3/2014
* Feeding Knowledge Program. An international program funded by the international Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) Feb. 17. 2014
* The First Conference in Extension Education in Jordan 15-16/12/2015. Irbid, Jordan
* AARINENA 14the General Conference on “Agricultural Research and Innovation Fostering Governance and Sharing” 27-29 November 2018, Marrakech, Morocco.

**Certificates**

* Teaching certificate from and to Russian language. USSR.
* Translating certificate from and to Russian language. USSR.
* Computer Based Testing (CBT) certificate. USA.
* Alternate Chief Examiner, USA.
* Teaching certificate, Academic Teacher I. USA.
* Teaching certificate, Academic Teacher II. USA
* Expert in Agricultural Extension Education. Agricultural Engineers' Association. Jordan