

Dr. Fahad Y. I. AL-Juhaimi (CV)

Personal information

Name: Fahad Y. I. AL-Juhaimi

Date & Place of Birth: 1/7/1386, Riyadh

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Education

Ph.D. Food Science & Technology, University of Leeds, 2001

M.Sc. Food Science, University of Leeds, 1996

B.Sc. Food Science (Second Class Honors), College of Agriculture, King Saud University , 1990

Academic Experience & Consultation

-Teaching Assistant in Food Sciences & Tech. , College of Agriculture and Food Science, King Faisal University from 1993 1995

-Assistant Prof. in Food Sciences & Tech. Dept. , College of Agriculture and Food Science, King Faisal University from 2001to 2005

-Assistant Prof. in Environment Tech. Dept., (Food Safety), Riyadh College of Tech. from 2005 to 1 /4/2009

-Assistant Prof. in Food Sciences & Nutrition. Dept. , College of Food Sciences & Agriculture, King Saud University from 1 /4/2009 to 3/1/2011

-Associate Prof. in Food Sciences & Nutrition. Dept. , College of Food Sciences & Agriculture, King Saud University from 3 /1/2011 until now

- Member in Food Additive Committee, SASO, from 2005-2010

- Member in Fruits and Vegetable Committee, SASO, from 2005-2010

-Member in Courses development Committee, TVTC, from 2005 to 1 /4/2009

-Member in Scientific Council, TVTC, from 20 / 5 / 2007 to 1 /4/2009

- Member in Consultation & Research Committee, TVTC, from 1 / 1 / 2008 to 1 /4/2009
- Member in the research Council of College of Food Science and Agriculture from 18/11/2009 until now.
- Member of the committee for discussing the thesis submitted by postgraduate student(Ali M. AL Samalag), (2012)
- Member of committee for studying postgraduate diploma "Health and Production of Animals and Poultry and their Products in hot regions". 2012
Published several refereed Papers and Books (see Publication)

Funded Research Projects

- 1- Study of Sorption isotherms of three varieties of dates grown in Saudi Arabia, funded by Deanship of scientific research, King Faisal University, 2002
- 2-Study of utilization of date surup (dibs) in the manufacture of flavoured laban from camel milk, 2003 (published)
- 3-Modifid Atmosphere Packaging (MAP) as Meat Preservation, Funded by SABIC, 2004
- 2-Study of Microbial contamination and spoilage of tomato fruits grown in Eastern Province, funded by Deanship of scientific research, King Faisal University, 2005
- 4-An Evaluation Study of the Uses and Hazards of Plastic Materials Used in Food Packaging in the Kingdom of Saudi Arabia (Team member), Funded by Saudi Food & Drug Authority, 2008
- 5-Study of the effect of black cumin (*nigella sativa L.*) oil on the chemical and physical properties of date past, 2009(Published)
- 6-Production of biogas from organic waste: using date palm wastes as a model (Team member), Funded by King Abdulaziz City for Science and Technology, for two years starting from 1/1/2011.
- 7-Suitability of flexible polymeric films for preservation of fresh Saudi dates utilizing modified atmosphere packaging, Funded by King Abdulaziz City for Science and Technology, for two years starting from 24/3/2012.
- 8-Cooperation with visiting Professor for studying and publishing several researches starting from 1/1/2011

Research Interests

- Preservation and Processing of Vegetables and Fruits especially Dates

- New food preservation techniques including modified-atmosphere packaging
- Recycling of food wastes
- Food Safety and legislations
- Nutrition education

Training courses

- Training course on Standardization . 15 – 19 /6 / 2002. SASO
- Advanced Course On Hazard Analysis and Critical Control Points (HACCP) system. 28 / 8 – 1 / 9 / 2004. Cairo University
- Training Course on Nutrition education. 1 – 3 / 5 / 2003. King Fahad University Hospital, AL-Khober
- Training course on Examinations, College of Education, King Faisal University from 19 to 21/1/1424
- Participating in the exhibition of palm and date processing during the cultural days of Saudi universities in Yemen , organized by ministry of higher education. 2005.
- Designing specialized training programs for the inspectors of Municipalities, 2007.
- Applied course on Effective Meeting Administration. 21 – 23 / 4 / 2008. Institute of Public Administration, Riyadh.
- Specialized Training course designed for the Deans of Tech. Colleges . 21/ 7- 1 /8/2008. Paris, France
- Program in: Principals of Quality management. Deanship of Quality. King Saud University, 13-15/6/2009
- Training Course designed for the new staff. Deanship of skills Development . King Saud University. 18-19/10/2009
- Course construction. Deanship of skills Development . King Saud University, from 24-25/10/2009.
- Program in: Outcome-based learning. Deanship of skills Development. King Saud University, from 2-3/11/2009.
- Program in: Personnel efficiency of faculty member. Prince Naif Institute for research and counseling services, Ministry of higher education (University of Immam). 12-14/12/2009.
- Program in: Student Assessment skills. Deanship of skills Development. King Saud University, from 2-4/1/2010

- Program in: The use of concept mapping in college teaching. Deanship of skills Development. King Saud University, 18/1/2010 (7 training hours)
- Program in: The seven keys for excellence in teaching . Deanship of skills Development. King Saud University, from 13-14/3/2010
 - Program in: Problem solving and decision making . Deanship of skills Development. King Saud University, from 16-17/3/2010
 - Program in: Using Adobe Photoshop for Images Manipulation. Deanship of skills Development. King Saud University, from 10-12/4/2010
 - Program in: Peer Consultation in Teaching. Deanship of Academic Development. King Fahad University of Petroleum and Minerals , from 25-29/4/2010
 - Participation in the project of King Saud University free of smoking. National Centre of youth studies. King Saud University, 2009-2010
 - Program in: Teaching Excellence. Centre of Teaching Excellence. University of Waterloo, from 19-23/7/2010
 - Program in: Integrating Technology into your Teaching. Centre of Teaching Excellence. University of Waterloo, from 12-16/7/2010
 - Program in: Publication in international journals. Deanship of skills Development. King Saud University, from 14-15/12/2010 (10 training hours)
 - Program in: Project Management Professional (PMP). Dar AL-Ruaa Institute for training, from 28/5-2/6-2011(35 hours).
 - Program in: BlackBoard. Deanship of E-learning and distance learning, from 5-6/2/2012 (10 hours)
 - Training program designed for executive teams of local summer Program. King Abdulaziz & his companions Foundation for giftedness & creativity. 17-20/3/2012.
 - Program in: Chemical safety in Laboratories and industrial establishments. Chemical Pollution protection committee (KSU), from 11-15/2/2012.
 - Program in: Advanced supervisory skills. Deanship of skills Development. King Saud University, from 2-3/3/2012 (14 training hours)
 - Program development for the KSU Staff. Centre of Academic Practice. Queen Margaret University, from 2-13/7/2012. Edinburgh (Scotland, UK)

Conferences & Symposia

- 1-The Symposium of Agriculture and Water, College of Agriculture and Food Science, King Faisal University, 2002

- 2-The second Conference of New Techniques on Agriculture, Cairo University, 2003
- 3-International Conference On Date Palme, King Saud University (Qaseem Branch), 2003
- 4- The Symposium of Agricultural Higher Education (Further requirements), College of Agriculture and Food Science, King Faisal University, 2004
- 6-Packaging Day: Perspectives and Strategies of Innovation, Tunisian Packaging Technical Centre, Tunis, 2006
- 7-The Fourth Symposium on Date Palm in Saudi Arabia, Date Palm Research Centre, King Faisal University, 2007
- 8- New Challenges in Food Preservation, Processing-Safety-Sustainability. the European Federation of Food Science and Technology (EFFoST).11-13/11/2009. Budapest, Hungary.
- 9-The fifth conference for Food and Nutrition. Saudi society for Food and Nutrition. College of Food and Agriculture Sciences. King Saud University, 9-11/2/2010
- 10-The first symposium for Catering services in hospitals. Riyadh Military hospital, 19-21/4/2010
- 11-First International Food Safety Conference. Intercontinental, Riyadh. Diversey Consulting, 30/5/2010
- 12-6th Food Science International Symposium. Food Science Journal & Being Food Research Institute. Beijing (China). 5-11/8/2010
- 13- The 21th meeting of environment managers in municipalities in Saudi Arabia (AL Ahsa). 26-30/3/2011
- 14-Annual Conference of the European Federation of Food Science and Technology (EFFoST). 9-11/11/2011. Berlin, Germany
- 15-Food security workshop in Saudi Arabia. College of Food & Agricultural sciences (KSU). 7/2/2012

Positions & Committees

Positions:

- Chairman of Food Science & Tech., College of Agriculture and Food Sciences, King Faisal University, from 23/6/ 1423 to 3/1/1426
- Vice-Dean of Deanship of Students affairs, King Faisal University, from 24/3/ 1424 to 3/1/1426
- Dean of Riyadh college Tech., TVTC, 5/8/1428 to 8/4/1430

-Chairman of Food Science & Nutrition Dept., College of Food and Agricultural Sciences, King Saud University, from 18/5/2011 until now

Committees:

-Member in exhibition committee. The Third Symposium on Date Palm in Saudi Arabia, Date Palm Research Centre, King Faisal University, 1993

-Member in organizing and preparation committee. The symposium on Agriculture and Water, College of Agriculture and Food Sciences, King Faisal University, 2002

-Member in the committee between Saudi Arabia and other countries , from 2002 to 2005

-Member in the committee of making the suitable criteria for scientific innovation, King Faisal University, 2003-2005

-Member in the committee of employing students, King Faisal University, 2004-2005

-Member in Academic committee, College of Agriculture and Food Science, King Faisal University from 2002 to 2005

-Chairman of the student Fund, Riyadh College Tech. from 5/8/1428 to 7/4/1430

-Chairman of the investment committee, , Riyadh College Tech. from 5/8/1428 to 7/4/1430

-Chairman of the higher committee of the ceremony, Riyadh College Tech. 1428-1429

-Chairman of the cultural committee in the college of Food and agricultural sciences from 12/10/2009 until 20/9/2010

-Member of the tree planting week (33), 1430-1431 H. College of Food and Agriculture Sciences. King Saud University.

-Coordinator of the students affairs committee in the department of Food science and Nutrition, college of Food and Agricultural sciences from 12/10/2009 until 24/9/2010

- Member in the committee of postgraduate studies in the department of Food science and Nutrition, college of Food and Agricultural sciences from 12/10/2009 until 13/9/2011

-Member in the Accreditation committee in the department of Food science and Nutrition, college of Food and Agricultural sciences from 12/10/2009 until 13/9/2011

-Member in the committee of registration. College of Food and Agriculture Sciences. King Saud University, during the period of 9-11/2/2010

-Coordinator of the Labs committee in the department of Food science and Nutrition, college of Food and Agricultural sciences from 24/9/2010 until 13/9/2011

- Coordinator of the Accreditation committee in the department of Food science and Nutrition, college of Food and Agricultural sciences from 13/9/2011 until now

Member in the committee of selecting the teaching-assistants in the college of Food and Agricultural sciences from 6/3/2011 until now

Coordinator of the seventh standard(College) in National accreditation "Facilities and Equipments" starting from 10/10/2011

Coordinator of the Safety (College) starting from 20/10/2011

-Member of the committee for testing the candidates of the laboratory technician job. 2012

-Member of the committee for studying the regulations of Agricultural education centre. 2012

-Member in Organizing Committee in the 6th meeting for SSFN, 19/3/2012

Scientific Societies

Saudi Society of Food and Nutrition, King Saud University (2005 till now).

Saudi Society of Agricultural Sciences, King Saud University (2006 till now).

Consumer protection Society. (2008 till now)

Community Services:

-Designing specialized training programs in food processing & safety.

-Newspapers and magazines articles relating to food science & nutrition.

-Radio and TV programs interviews.

-Educational lecture about the healthy diet for the people who live in the first and fourth compounds (council accommodation) . 1/9/2009. Riyadh

-Lecture about general hygiene practices in food establishments in the first symposium for Catering services in hospitals. Riyadh Military hospital, 19-21/4/2010

-Lecture "Developing of technical skills in hygiene control". The 21th meeting of environment managers in municipalities in Saudi Arabia (AL Ahsa). 26-30/3/2011

Publication

Papers:

- 1- **Al-Juhaimi, F.Y.**2003. Dehydration Characteristics of dates. Proceeding of the international conference on date palm, King Saud University (Qasceem Branch), Saudi Arabia, 153-164.
- 2- **Al-Juhaimi, F.Y.** 2003. Utilization of date surup (dibs) in the manufacture of flavoured laban from camel milk. Egypt.J. Appl.Sci.18: 209-220.
- 3-**Al-Juhaimi, F.Y.** 2004. Sorption isotherms of Dates. J. Product. Dev. 9:245-258.
- 4- Zeitoun, A.A. and **Al-Juhaimi, F.Y.** 2004. The influence of modified atmosphere packaging on the shelf life of beef steaks stored at 5 °C. Egypt.J.Appl.Sci.19: 589-603.
- 5- Siddig, H. and **Al-Juhaimi, F.Y.** 2005. Microbial contamination and spoilage of tomato fruits collected from a farm in the gulf region of Saudi Arabia. Khartoum Journal of Agricultural Sciences, 13(3), 409-421
- 6- **Al-Juhaimi, F.Y.** 2007. Development of date production and processing at Kingdom of Saudi Arabia, Proceeding of the fourth symposium on Date Palm. King Faisal University
- 7- **Al-Juhaimi, F.Y.**2009. The effect of black cumin (*nigella sativa L.*) oil on the chemical and physical properties of date paste. Industrial Research Journal, 7 (6): 130-139
- 8-Özcan, M.M., **Al-Juhaimi, F.** (2011). Antioxidant and antifungal activity of some aromatic plant extracts. Journal of Medicinal Plants Research 5(8), 1361-1366.
- 9-Özcan, M.M., **Al-Juhaimi, F.** (2011). Nutritive value and chemical composition of prickly pear seeds (*Opuntia ficus indica L.*) growing in Turkey. International Journal of Food Sciences and Nutrition, 62(5), 533-536
- 10-Ghafoor, K., **AL-Juhaimi, F.** and Choi, Y.H. (2011). Effect of grape (*Vitis Lubrusca B.*) peel and seed extract phenolics, antioxidants and anthocynins in grape juice. Pakistan Journal of Botany, 43 (3), 1581-1586.
- 11-Al Juhaimi, F.** and Ghafoor, K. (2011). Total phenols and antioxidant activities of leaf and stem extracts from coriander, mint and parsley grown in Saudi Arabia. Pakistan Journal of Botany, 43 (4), 2235-2237.

12-AL Juhaimi, F., Ghafoor, K. and Özcan, M. M. (2012). Physical and chemical properties, antioxidant activity, total phenol and mineral profile of seeds of seven different date fruit (*Phoenix dactylifera* L.) varieties. International Journal of Food Sciences and Nutrition, 63 (1), 84-89.

13-Özcan, M.M., **Al-Juhaimi, F.** (2012). Determination of heavy metals in bee honey with connected and not connected metal wires using inductively coupled plasma atomic emission spectrometry (ICP-AES). Environ Monit Assess, 184, 2373-2375.

14-Ozlem, I., Ozcan, M. and **Al Juhaimi, F.** (2012). Antioxidant effect of mint, laurel and myrtle leaves essential oils on pomegranate kernel, poppy, grape and linseed oils. Journal of cleaner production, 27, 151-154.

15-Gulcan, O., Ozcan, M. and **Al Juhaimi, F.** (2012). Sage (*Salvia aucheri* Benth var., *canescens* Boiss and Heldr.): Essential oil composition, phenolics, and Antioxidant activity. Asian Journal of Chemistry, 24 (5), 2225-2227.

Books:

1-Principals of Food Science (Taught in Food Processing Department, College of Tech.)2006

2-Food Processing (Taught in Food Processing Department, College of Tech.)2006

3-Food Industries (Taught in Food Safety Department, College of Tech.)2005

4-Ghafoor, K., **Al-Juhaimi, F.** and Park, J. (2011). *High Pressure Treatments of Soybean and Soybean Products*. In: Soybean Book 2, InTech - Open Access Publisher, Croatia