**Curriculum Vitae**

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**PERSONAL INFORMATION**

**Name :** Ghassan I. Bisharat

**Title:** Professor

**Place and Date of Birth:** Amman, 14/12/1961

**Nationality:** Jordanian

**Home Phone:** +9626 4638 996

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**Marital Status:** Married, two children

**Home Address:** Jabal Amman, 28 Reyad Al-Mefleh Street

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**EDUCATION**

Ph.D. in Chemical Engineering, National Technical University of Athens, Greece, 1990.

Diploma Chemical Engineering, National Technical University of Athens, Greece, 1984.

General Certificate of Education, Scientific Branch, Ministry of Education, Jordan, 1978.

**EMPLOYMENT**

Dec. 2014 – Present: Professor, Department of Chemical Engineering, Al-Hussein Bin Talal University

Sept. 2011 – Dec. 2014: Associate Professor, Department of Chemical Engineering,
Al-Hussein Bin Talal University

Aug. 2003 – Sept. 2010: Associate Professor, Department of Chemical Engineering, Mutah University

Sept. 1994 – Aug. 2003: Assistant Professor, Department of Chemical Engineering, Mutah University

**PUBLICATIONS:**

1. G. I. Bisharat "Thermodynamic Analysis and the Use of Exegry Balances" International Conference on Energy Systems, Jordan 1989
2. G. I. Bisharat "Heat Exchange Networks Synthesis" Ph. D. Thesis, N.T.U.A, Greece 1990
3. G. I. Bisharat "Energy and the Chemical Industry" Energy Conservation in Industry Symposium, Jordan 1992
4. H. D. Ammari and G. I. Bisharat "Utilization of Solar Air Heating for Drying Agricultural Products" Mansoura Engineering Journal, Vol.21, No.1, March 1996
5. G. I. Bisharat "Energy optimization in multi-component distillation through unit modification" Alexandria engineering Journal, Vol. 40, No. 4, 2001
6. G. I. Bisharat "Vapour recompression can save energy in distillation" Mutah Lil-Buhouth Wad-Dirasat, Vol. 18, No. 1, 2003
7. M. K. Krokida and G. I. Bisharat "Heat recovery from dryer exhaust air" Drying Technology, Vol. 22, No. 7, 2004
8. A. E. Lazou, P. A. Michailidis, S. Thymi, M. K. Krokida and G. I. Bisharat "Structural properties of corn-legume based extrudates as a function of processing conditions and raw material characteristics" International Journal of Food Properties, Vol. 10, Issue 4, 2007
9. Ch. J. Boukouvalas, M. K. Krokida and G. I. Bisharat "Structural properties of vegetables during air drying" Accepted for publication in the International Journal of Food Processing
10. Lazou, A.E., Michailidis, P.A., Thymi, S., Krokida, M.K. & **Bisharat, G.I.** 2007. Structural properties of corn-legume based extrudates as a function of processing conditions and raw material characteristics. *International Journal of Food Properties* 10 (4): 721 – 738.
11. Shawabkeh, R.A., Khashman, O.A. & **Bisharat, G.I.** 2010. Photocatalytic degradation of phenol using Fe-TiO2 by different illumination sources. *International Journal of Chemistry* 2 (2): 10 – 18.
12. Boukouvalas, Ch.J., **Bisharat, G.I.**, Krokida, M.K. 2010. Structural properties of vegetables during air drying. *International Journal of Food Properties* 13 (6): 1393 – 1404.
13. Panagiota, N.E., Krokida, M.K., Polyzois, G., Gettleman, L. & **Bisharat, G.I.** 2011. Effects of outdoor weathering on facial prosthetic elastomers. *Odontology* 99 (1): 68–76.
14. Giannini, A.N., Krokida, M.K. & **Bisharat, G.I.** 2013. Structural Properties of Corn-Based Extrudates Enriched with Plant Fibers. *International Journal of Food Properties* 16 (3): 667-683.
15. **Bisharat, G.I.**, Oikonomopoulou, V.P., Panagiotou, N.M., Krokida, M.K. & Maroulis, Z.B. 2013. Effect of extrusion conditions on the structural properties of corn extrudates enriched with dehydrated vegetables. *Food Research International* 53 (1): 1-14.
16. **Bisharat, G.I.**, Eleni, P.N., Panagiotou, N.M., Krokida, M.K. & Maroulis, Z.B. 2014. Thermal, textural and physicochemical analysis of corn extrudates enriched with broccoli or olive paste. *International Journal of Food Properties* 17 (9): 2100-2116.
17. **Bisharat, G.I.** 2014. Investigation of the final properties of high-added value corn extrudates. *Al-Hussein Bin Talal University Journal* *of Research*. (**Accepted**).
18. Michailidis, P.A., Krokida, M.K., **Bisharat, G.I.**, Marinos-Kouris, D. & Rahman, M.S. 2009. Measurement of density, shrinkage, and porosity. In: M. S. Rahman, *Food properties handbook*, pp. 398-415, New York: CRC Press.

**LANGUAGES**

Arabic (Mother Tongue),

English (Excellent),

Greek (Excellent),

German (Good), and

French (Fair)

**COMPUTER SKILLS**

ICDL