

## Curriculum Vitae

**Yanal A. Shafagoj.**

**Place & Date Of Birth:** Amman, Jordan, July 27<sup>th</sup>, 1954.

**Citizenship:** Jordanian

**Marital status:** Married, have one daughter and two sons

**Sex:** Male

**Business Address:**

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### **Educational Qualification:**

<b>Degree</b>	<b>Year</b>	<b>Major Subject</b>	<b>University</b>
PhD	1992	Physiology	*Medical College of Virginia. Virginia Commonwealth University. Richmond Virginia, USA
MD	1982	Medicine	Damascus University School of Medicine Damascus, Syria.

\* Subject of thesis:

“DEHYDROEPIANDROSTERONE-DEXAMETHASONE INTERACTIONS” Published at: Am J Physiol 1992;263 (Endocrinol Metab 26): E210-E213.

**Professional Positions:**

- Acting Chairman/Department of Physiology and Biochemistry. Sep 1999-  
Sep 2000. Faculty of Medicine/University of Jordan (UJ).
- Lecturer of Physiology Aug 1992 - Jan 1993. Faculty of Medicine/UJ
- Assistant Professor of Physiology Jan 1993 – Sep 2005. Faculty of  
Medicine/UJ.
- Associate Professor of Physiology Sep 2005- present. Faculty of  
Medicine/UJ.
- Teaching & Research Assistant, Jan 1985 - July 1988. Faculty of Medicine/UJ.
- Emergency Room Officer, June 1984 - Dec 1984. Ministry of Health, Jordan.
- House Officer (INTERN), Jan 1983 - Dec 1983, Jordan University Hospital,  
Amman-Jordan.

**Teaching Experience:**

- Medical Physiology Course For Dentist Who Want To Set For The FDS Exam  
(British) At The University Of Jordan 1994.
- Advanced Medical Physiology Course For The Physicians Who Want To Set  
For The FRCS PART I Exam (Ireland) At The University Of Jordan.
- Postgraduate Course In: Clinical Applied Physiology Given To Residents In  
Surgery-School Of Medicine/Univ. Of Jordan. 1996-7
- Postgraduate Sport Physiology Course. Given To To Master Students-  
School Of Physical Education/UJ. 1994-1998

- Postgraduate Pathophysiology Course Given To Master Level Students School Of Nursing/UJ. 2000-Present
- Medically Applied Physiology Course For Forensic Medicine Residence Who Want To Set For Jordanian Board In Forensic Medicine. 2002
- Undergraduate Courses Of Physiology To Medical, Dental Pharmacy, Rehabilitation, Nursing, Biomedical Laboratories, And Physical Education Students 1992-Present.
- Course Supervisor In Most Of The Above Courses.

### **Awards and Scholarships**

- University of Jordan Scholarship to obtain PhD degree in Physiology for the Medical College of Virginia. Virginia Commonwealth University. Richmond Virginia, USA.
- Winner of the Deutscher Akadeisher Austauschdienst (DAAD) scholarship as visiting assistant professor June-1<sup>st</sup> –August 31<sup>st</sup> 2000, to Benjamin-Franklin Clinic/Free University of Berlin as an academic exchange-visiting program. My host was Prof. Dr. Distler and Prof. Dr. Arya M. Sharma.
- Winner of the Deutscher Akadeisher Austauschdienst (DAAD) scholarship as visiting assistant professor July-1<sup>st</sup> –August 31<sup>st</sup> 2000, St. Franziskus Hospital, Cologne, Germany, as an academic exchange-visiting program. My host was Prof. Dr. P.T. Sawicki.

### **Committees (Societies):**

- Jordan Medical Association, 1983-Present.

- The National Jordanian Anti-Smoking Society.
- The National Jordanian Society For Cancer Prevention.
- Al-Ahli Club (Sport and Cultural).
- Jordanian Alumni Society: Graduate Of U.S. Universities and Institutions.
- Jordan Sport Medicine Association.
- Member Of Basic Medical Science Physician Association, Affiliate Of Jordan Medical Association.
- Member in the executive committee of Islamic Medical Association-Jordan (student affairs responsibility).

### **University Committees**

- Consultant for “Health Awareness and Care Club /Dean of Student Affairs/UJ” 2005-present.
- Consultant for Jordan Health Digest Bulletin published by: Center for Educational Development UJ. 2004-present.
- Special Case Investigation Committee for Teaching Staff assigned by the president of the UJ 2002.
- Chief Central Tender Subcommittee of the UJ 2005.

### **School of Medicine Committees:**

- Instruments and Laboratories Committee 1993-1994.
- Faculty Council Committee 1995-1996 and 2005-2006.
- Election committee for university of Jordan Students Council 1995-1997.
- Election Committee of University Students’ Council 1995-1997.

- Curriculum and Examination Committee 1995-1998.
- Instruments, Laboratories and Computer Committee 2000-present (with the exception of the academic year 2002-2003).
- Medical Student Investigation Committee 2002-2003.
- Urogenital Committee (Integration Curriculum) 2003-present.
- Respiratory Committee (Integration Curriculum) 2003-present.
- Research and Development Unit. Quality Assurance Committee. (Chief of - Infrastructure for Scientific Development Subcommittee). 2005-present.
- Committee for Student Attendance Control. A Faculty Council Subcommittee 2000.
- Committee for Teaching Staff Evaluation By Students. A Faculty Council Subcommittee 2004.
- Member of Employee Selection Committee at the school of Medicine/UJ. Assigned by the Dean of School of Medicine 2005.
- Member of Research Committee/School of Medicine. 2005-2006.

#### **Graduate Student Examination Committee:**

- A Member Of Examination Committee For The Degree Of Master Science In Biological Sciences/UJ. “ Effects Of Smokes Of Three Types Of Jordanian Cigarettes On The Physiology And Ultrastructure Of Selected Tissues From The Cardiovascular System Of The Rat. By Wafa’ Liswi. August 1998.

#### **Other Committees**

- Ministry of Health Committee for Antismoking Campaign “World No-Tobacco

Day 2005 Sponsored by WHO And UNISEF. Represent UJ in this committee.

### **Workshops and Scientific Meetings attended**

- Conference in Medical Education “AMEE” in Edinburgh-Scotland from 5<sup>th</sup> to 8<sup>th</sup> Sep 2004.
- Intensive Course to obtain UJCDL. (Univ. of Jordan Computer Driver License). Computer Center/UJ. August 2004.
- Workshop in “Exam Management-MCQs for Medical and Paramedical Students”. Center for Educational Development UJ. June 3<sup>rd</sup> 2003.
- Workshop in “University Families: Management and Community Service”. Conducted by :Office of Community Service/US and The British Council/Amman-Jordan. Sep 2000.
- Workshop in “Advanced Internet”. Center for Educational Development UJ. From 26<sup>th</sup> to 30<sup>th</sup> June 1999.
- Workshop in Curriculum Design and Development. Center for Educational Development UJ. From 2<sup>nd</sup> to 10<sup>th</sup> Feb 1993.

### **Scientific and Research collaboration:**

- Joint Appointment with Internal Medicine Department/School of Medicine/UJ 1994-1995.

### **Other Experiences:**

- Observer of the FRCSI section A conducted by the Royal College of Surgeon in Ireland held at the Univ. Jordan-Amman 22<sup>nd</sup> to 26<sup>th</sup> July 1999.

- Invited External Examiner of the FRCSI section A conducted by the Royal College of Surgeon in Ireland, held in Jeddah, Saudi Arabia from 21<sup>st</sup> to 25<sup>th</sup> October 2000.
- Invited Examiner of the AFRCISI PART II examination, conducted by the Royal College of Surgeon in Ireland, held at the University of Jordan-Amman: July 23<sup>rd</sup> 2003, July 6<sup>th</sup> 2004 and July 5<sup>th</sup>, 2005.
- Invited Examiner of the Intercollegiate and Collegiate MRCSI (VIVAS), conducted by the Royal College of Surgeon in Ireland, held at the University of Jordan-Amman: July 2<sup>nd</sup> and 3<sup>rd</sup> 2006.
- Organizer of Federation of Islamic Medical Association (FIMA) International Scientific Convention held in Amman-Jordan, from 15<sup>th</sup> to 17<sup>th</sup> July 2004. I served as a member of the three major conference committees: General Organizing Committee, Scientific committee, and Social Committee.
- Reviewer for the following Journals: Preventive Medicine, Nicotine & Tobacco Research, Saudi Medical Journal, and Journal Of Health Sciences/Univ. Of Damascus/Syria.
- Advanced courses in higher educational topic (School of Education/UJ 1988 a total of 6 different courses).

### **Field Of Ongoing Research Activity**

- Currently, I'm working in a collaborative research line focusing on the genetic polymorphism of the soluble epoxide hydrolase gene sequences in Jordan and susceptibility to smoking related lung cancer.

- Second, I'm a principle investigator in a research grant focusing in the vulnerability of Hubble-Bubble smokers to the hypercoagulable state.
- A third collaborative research line focusing on: Studies on the direct effects of different plant's extracts on dispersed intestinal smooth muscle cells.
- Finally, I'm partially engaged in "Research in Medical Education Field".

**Grants Awarded:**

- Grant 403/97-98 from the Deanship of Scientific Research of the University of Jordan. Title: 'Nicotine and cotinine levels in plasma and urine of Hubble-Bubble smokers'.

- Grant 39/97-98 from the Deanship of Scientific Research of the University. Title: Antiplatelets Effect of Alum.

- Grant 689/2001 from the Deanship of Scientific Research of the University. Title: The effect of plant extract from Tilia and Caraway on the contraction of smooth muscle cells from the small intestine.

- Grant 10/2003-2004 from the Deanship of Scientific Research of the University. Title: Effect of fasting Ramadan on coagulation parameters in NIDDM patients in relation with Hubble-Bubble smoking.

Grant 117/2006-2007 from the Deanship of Scientific Research of the University. Title: The genetic polymorphism of the soluble epoxide hydrolase gene sequences in Jordan and susceptibility to smoking related lung cancer.

**Licensure:** Licensed Physician, 1983-Present, Jordan.



## **Bibliography:**

### **Articles:**

1. Shafagoj Y, J Opoku, D Qureshi, W Regelson & M Kalimi.  
Dehydroepiandrosterone prevents Dexamethasone induced hypertension in rats. *Am J Physiol* 1992;263 (Endocrinol Metab 26): E210-E213.
2. Kalimi M, Shafagoj Y, Loria R, Padgett D, & Regelson W. Anti-glucocorticoid effects dehydroepiandrosterone (DHEA). *Mol-Cell-Biochem* 1994 Feb 23; 13:99-104.
3. Mohammed F and Shafagoj Y. Antiaggregation effect of alum on human platelets. *Int J Clin Pharmacol Ther* 2001; 39:322-324
4. Shafagoj Y.A., Mohammed F.I., and Hadidi K.A.. Hubble-Bubble (water pipe) smoking: Levels of nicotine and cotinine in plasma, saliva and urine. *Int J Clin Pharmacol Ther* 2002 40(6):249-255.
5. Shafagoj Y.A., and Mohammed F.I. Levels of maximum end-expiratory carbon monoxide and certain cardiovascular parameters following hubble-bubble smoking. *Saudi Med J.* 2002 ;23(8):953-8
6. Khatib FA, Shafagoj YA. Metabolic alterations as a result of Ramadan fasting in non-insulin-dependent diabetes mellitus patients in relation to food intake. *Saudi Med J.* 2004 Dec;25(12):1858-63.
7. Younes NA, Shafagoj Y, Khatib F Ababneh M. Laboratory screening for hyperparathyroidism. *Clin Chim Acta.* 2005 Mar;353(1-2):1-12.

Review.

8. Susanne Bott, Yanal A. Shafagoj, P.T. Sawicki, T. Heise. Impact of smoking on the metabolic action of subcutaneous regular insulin in type 2 diabetic patients. *Horm Metab Res.* 2005 Jul;37(7):445-9.
9. Faisal MOHAMMED and Yanal SHAFAGOJ. In Vivo Antiplatelet Effect Of Alum In Rabbits. *Eastern Mediterranean Health Journal* 2005 May;11(3):442-8.
10. Faysal I. Mohammed, Mohammed K. Al-Essa, Yanal A. Shafagoj and Fatma U. Afifi. Investigation of direct Effects of the Alcoholic Extract of *Elaegnus angustifolia* L. (Elaeagnaceae) on dispersed Intestinal Smooth Muscle Cells of Guinea Pig. *Scientia Pharmaceutica (Sci. Pharm.)* 74, 21-30 (2006).
11. Mohammed K. Al-Essa, Faysal I. Mohammed, Yanal A. Shafagoj, and Fatma U. Affifi. Studies On The Direct Effects Of The Alcohol Extract Of *Tilia Cordata* On Dispersed Intestinal Smooth Muscle Cells Of Guinea Pig. *Pharmaceutical Biology* 2007, Vol 45, No.3, pp, 246-250
12. Mohammed K. Al-Essa<sup>1</sup>, Yanal A. Shafagoj, Faysal I. Mohammed, and Fatma U. Afifi. Relaxant Effect of Ethanol Extract of *Carum carvi* on Dispersed Intestinal Smooth Muscle Cells of the Guinea Pig. *Pharmaceutical Biology* accepted.

## **Chapters in Books:**

1. Kalimi M, Opoku J, Lu R, Shafagoj Y, Khalid M, Regelson W. & Qureshi D. Studies on the biochemical action & mechanism of Dehydroepiandrosterone, In : Biologic Role of Dehydroepiandrosterone (DHEA) Edited by M. Kalimi & W. Regelson, New York. de Gruyter, 1990, P-397-404.
2. Shafagoj Y, Witorsch R, Sholley M, Regelson W, and Kalimi M. Dehydroepiandrosterone-Dexamethasone interactions on Nb2 lymphoma cell proliferation. p 407-418, In Dehydroepiandrosterone (DHEA) Biochemical, Physiological and Clinical Aspects, Edts Kalimi M, and Regelson W. Walter de Gruyter, New York, 2000.

## **Abstracts:**

1. Shafagoj Y, Sholley M, & Kalimi M. Effect of Dehydroepiandrosterone (DHEA) on the ultrastructure of Nb2 lymphoma cells. Virginia J. science 1991:42(2):242 (Abstract).
2. Shafagoj Y, and M Kalimi. Dehydroepiandrosterone (DHEA) prevents dexamethasone-induced hypertension in rats. Endocrine Society Proceedings of 73rd annual meeting (Abs # 917), PP 260, 1991.
3. Shafagoj Y, and M Kalimi. Dehydroepiandrosterone- Dexamethasone interactions & Nb2 lymphoma cell proliferation. Endocrine Society Proceedings of 74th annual meeting (Abs # 99). PP76, 1992.
4. Lu R, Shafagoj Y, R Witorsch, & M Kalimi, 1992. Potent cannabinoid CP-55, 940 inhibits proliferation & enhances lysis of Nb2 lymphoma cells. FACEP

