

**BIOGRAPHICAL SKETCH**

NAME		POSITION TITLE	
MOHAMMAD A. KHALED		PROFESSOR	
EDUCATION ( <i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i> )			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERR ED	FIELD OF STUDY
University of Calcutta, Calcutta, India	B.Sc.	1964	Chemistry
Aligarh Muslim University, Aligarh, India	M.Sc.	1966	Physical Chemistry
University of London, London, U.K.	Ph.D.	1975	Biophysics

**A. PROFESSIONAL EXPERIENCE:**

1999 – present	Professor, Dept. of Nutrition Sciences
1999 – present	Senior Scientist, Center for Aging, UAB
1994 - 1996	Senior Advisor, ICDDR,B
1992 - present	Associate Professor of Public Health Sciences
1984 - present	Associate Professor, Department of Nutrition Sciences; Adjunct Asst. Professor, Dept. of Chemistry; Associate Professor, Biomedical Engineering; and Associate Professor, Psychiatry and Behavioral Neurobiology, UAB
1985 - present	Scientist, Comprehensive Cancer Research Center, UAB
1983 - 1984	Assistant Professor, Dept. of Nutrition Sciences; Adj. Asst. Professor, Dept. of Chemistry, UAB
1981 - present	Member, Neurosciences Program, UAB
1978 - 1983	Assistant Professor, Dept. of Biochemistry, UAB
1977 - 1978	Instructor (Research), Biochemistry, UAB
1975 - 1977	Postdoctoral Research Associate, Laboratory of Molecular Biophysics, UAB

**HONORS:**

Visiting Fellowship to attend Summer Science Institute for Science Teachers at Lake Forest College, Illinois, by USAID Program, 1970  
 Technical Training Assistantship (Colombo Plan Scholarship) for Ph.D. degree in London, England, 1972-1975.  
 Fulbright Senior Fellowship, 1988.  
 The USAID Senior Fellow in Health and Child Survival Program (Johns Hopkins University), 1994-1996.

**B. PUBLICATIONS (Selected):**

**Khaled MA.** Oxidative stress in childhood malnutrition and diarrhoeal diseases. J Diarrhoeal Dis Res 1994, 12:165.  
**Khaled MA,** Kabir I and Mahalanabis D. Effect of protein energy supplementation on oxidative stress of malnourished children. Nutr Res 1995, 15(8):1099-1104.

- Khaled MA**, Khatun M, Haque M, Kabir I, Mahalanabis D. Single, dual, and multi-frequency bioimpedance to measure human body composition. In: Proceedings of RC-IEEE-EMBS Digest, 1995, 1.87-1.88.
- Wahed MA, Alvarez JO, **Khaled MA**, Mahalanabis D, Rahman M, Habte D. Comparison of the MRDR and RDR in the assessment of vitamin A status in malnourished children. *Am J Clin Nutr* 1995, 61:1253-56.
- Goran MI, **Khaled MA**. Cross-validation of underwater weight against bioelectrical resistance: effects of obesity and sex. *Obesity Res* 1995, 3:531-539.
- Rahman MM, Mahalanabis D, Alvarez JO, Wahed MA, Islam MA, Habte D, **Khaled MA**. Acute respiratory infections prevent improvement of vitamin A status in young infants supplemented with vitamin A. *J Nutr* 1996, 126:628-33.
- Khaled MA**, Kabir I, Goran MI, Mahalanabis D. Bioelectrical impedance measurements at various frequencies to estimate human body composition. *Ind J Exp Biol* 1997, 35:159-161.
- Fuchs GJ, Tienboon P, **Khaled MA**, Nimsakul S, Linpisarn S, Faruque ASG, Suskind RM. Nutrition support and growth in Thalassemia Major. *Arch Dis Child* 1997, 76:509-512.
- Bhattacharya MK, Khan MA, Rabbani GH, Fuchs GJ and **Khaled MA**. Oxidative stress in rabbits as a function of energy intake. *Ind J Exp Biol* 1996; 34:1175-1176.
- Khaled MA**, Sarker SA, Wahed MA. H. pylori infection and vitamin A depletion in malnourished children. *Am J Clin Nutr* 1997; 66:707.
- Khaled MA**, Sarker SA, Chowdhury AK, Islam S. H. pylori induced oxidative stress in human. *Gastroenterology*, 1997, 112(4 Suppl.):A171.
- Kabir I, Rahman MM, Haider R, Mazumber RN, **Khaled MA**, and Mahalanabis D. Increased height gain of children fed a high-protein diet during convalescence from sighthellosis: a 6-month follow-up study, *J Nutr*, 1998; 128:1688-1691.
- Hossain MI, Kabir I, Fuchs GJ, McCutcheon MJ, Alvarez JO and **Khaled MA**. Intra- and extracellular water dynamics in cholera and non-cholera patients. *Dig Dis Sci* 1998; 43:663-667.
- Khaled MA** and Sarker SA. Changes of oxidant and antioxidant status in humans due to H. pylori infection. *Nutr Res* 1998; 18:1463-1468.
- Bhattacharya MK and **Khaled MA**. Higher body fat aggravates toxin-induced infectious episodes. *Metabolism* 1999; 48:946-948.
- Khaled MA** and Mahalanabis D. Higher serum tumor necrosis factor in H. pylori. Infected humans with higher body mass index. *the FASEB J* 2000; 14:A248.
- Mahalanabis D, Bhattacharya MK, Chattarjee S, Shaikh S and **Khaled MA**. Non-invasive methods to detect H. pylori infections in children. *the FASEB J* 2000; 14:A186.
- Khaled MA**. Heart disease due infections: the Helicobacter pylori. *The Sciences* 2002; 2: 44-46.
- Shaikh S, Mahalanabis D and **Khaled MA**. Lean body mass in preschool age children in India using anthropometric equations and bioelectrical impedance analyzer: gender difference. *Europ J Clin Nutr* 2002 ( in press)
- Chowdhury Q, Elahi F, Olson AK and **Khaled MA**. Adjuvant nutritional therapy in the management of malnourished cancer patients. *Pak J Nutr* 2002; 1: 119-120.
- Mahalanabis D, Chowdhury A, Jana S, Bhattacharya MK, Chakrabarty MK, Wahed MA and **Khaled MA**. Zinc supplementation as adjunct therapy in children with measles accompanied by pneumonia: a double-blind, randomized controlled trial. *Am J Clin Nutr* 2002;76:604-607.
- Rahman SMM, Kabir I, **Khaled MA**, Bhuyan MAH, Rashid HA, Malek MA and Khan MR. Prevalence and determinants of childhood obesity in Dhaka city. *Ascon X*, 2002, ICDDR,B.
- Rahman A, Chaudhury HS, Malek MA and **Khaled MA**. Risk factors of angiographically defined coronary artery disease in Bangladesh. *Eur. Soc. Cardiol.* 2003; A26067.
- Rahman A, Chaudhury HS, Malek MA and **Khaled MA**. Helicobacter pylori infection in angiographically defined coronary artery disease in Bangladesh. *Eur. Soc. Cardiol.* 2003; A26833.