

## **1. Education**

*Ph.D.*, Chemical Engineering, April 1999

University of Alberta  
Edmonton, Alberta, Canada

Thesis title: Molecular Order, Miscibility, and Rheology of Molten Polyethylenes

*M.Sc.*, Chemical Engineering, July, 1992

King Fahd University of Petroleum and Minerals, KFUPM.  
Dhahran, Saudi Arabia

Thesis title: Hydrogen Production by the Electrolysis of Saline Water

*B.Sc.*, Chemical Engineering (First Class Honors), November 1985.

University of Khartoum  
Khartoum, Sudan

## **2. Professional Experience**

**January 2000 – to-date**

**Assistant Professor**

Chemical Engineering Department  
King Fahd University of Petroleum & Minerals  
Dhahran 31261  
Saudi Arabia

**May 1999 – January 2000**

**Post Doctoral Fellow**

Chemical & Materials Engineering Department  
University of Alberta  
Edmonton, Alberta  
Canada T6G 2G6

Supervisor: Professor *Michael C. Williams*.

**September 1994 – April 1999**

**Teaching Assistant**

Chemical & Materials Engineering Department  
University of Alberta  
Edmonton, Alberta  
Canada T6G 2G6

**April - May 1998**

**Lecturer**

Northern Alberta Institute of Technology (NAIT), Edmonton, Alberta.  
**Taught** LIB 460, a course on Chemical Plant Processes (mainly Petroleum Refining).

**September 1992 - August 1994**

**Lecturer**

Department of Chemical Engineering  
King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia

**Duties:** Research + Teaching (**taught** Unit Operations, Process Control and Fluid Mechanics Lab courses)

**September 1989 - August 1992**

**Research Assistant**

Department of Chemical Engineering  
King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia

**January 1986 - September 1989**

**Commercial Sales Engineer**

Mobil Oil Sudan Ltd.  
Khartoum, P.O. Box 283  
Sudan

**Duties Included:**

- Maintain blended products quality control, and prepare and issue lubrication charts for major customers, investigate suffering points and submit benefit reports to customers.
- Review product line to meet market requirements and adopt formulations with best margins within rationalized additives system whenever possible.
- Assist marketing personnel in the preparation and acquiring of new business recommending lubricants that would be needed and other technical service items. Provide technical assistance to salesmen and conduct clinics and presentations.
- Follow-up competitors technical development and advise management.