

Curriculum Vitae

Name: Muthana Abdul-Jabbar Shanshal.
Born: 7, 3, 1943, in Baghdad, Iraq.
School: 1948- 1954, Tatbikat Darul Mualimeen, Baghdad.
Second. School 1954- 1959, Baghdad College.
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Academic Study.

April 1960 Beginning of the undergraduate study of Chemistry at the Technical University Stuttgart, Germany.
July 1962 Obtaining the Vordiplom in Chemistry at the T.H. Stuttgart.
Feb. 1965 Obtaining the Hauptdiplom in Chemistry at the T.H. Stuttgart.
Oct. 1967 Awarded the “Dr. rer. Nat.” in Chemistry from the T.H. Stuttgart; Topic for both Dr. and Dip. Thesis was “Umwandlung Reaktion von Purin Glykosiden zu Pteridin Glykosiden”; Supervisor, Prof. Dr. Wolfgang Pfeleiderer, Stuttgart.

Postdoctoral Study.

Dec. 1967- Nov. 1969 Joined the Theoretical Chemistry group of Prof. Dr. M.J.S. Dewar, University of Austin, Texas, USA as a postdoctoral research associate, working in the field of Valence Shell Molecular Orbital Theory.
Dec. 1969- Nov. 1972 Worked as “Wissenschaftlicher Mitarbeiter” at the Institut fuer Theoretische Chemie”, T. U. Stuttgart; Dir. Prof. Dr. H. Preuss.
February 1970 Obtained the “Lehrauftrag” for the subject “Molecular Orbital Theory” at the T.U. Stuttgart.
Nov. 1972 Awarded the “Dr. habil” and “venia legendi” for Theoretical Chemistry at Stuttgart.

Academic Activity.

- January 1973 Joined the Department of Chemistry, College of Science, University of Baghdad, as member of staff. Field of teaching and research was “theoretical physical and organic chemistry”.
- Nov. 1977 Became Fullprofessor of Physical Chemistry at the College of Science, University of Baghdad
- Jan. 1981- Oct. 1988 Headed tshe Department of Chemistry, at the College of Science, University of Baghdad.
- April 1985 - Oct. 1988 Appointed Dean of the College of Science at the University of Baghdad.
- Dec. 1988 - Feb. 1994 Appointed President of “Alnahrain” University.
- Feb. 1994 - Prof. for theoretical and physical chemistry, College of Science,. University of Baghdad.
- March 2012 Turned to the pension and appointed Prof. emerit. at the College.

Memberships.

- 1962- Member of the Gesellschaft Deutscher Chemiker.
- 1981-1986 Member of the Scientific Board of the National Research Council of Iraq.
- 1986- Member of the International Academy of Theortical Organic Chemistry (Toronto, Canada).
- 2001- Member of the Islamic Academy of Science (Amman, Islamabad).
- 2007- Member of the Iraqi Scientific Council.

Awards.

- 1989 Obtained the Award of the Government of Iraq for the Propagation of Science.

- 1993 Obtained the “ Higher Order of Merit” of the Government of Iraq.
- 2000 Elected "Prime Professor" of the University of Baghdad and obtained the Award of the University.
- Obtained the “ Higher Order of Merit” of the Government of Iraq, for the 2nd. time.
- 2002 Obtained the Order of Science“Wisam Al-Ilm” of the Republic of Iraq.
- 2003 Elected "Prime Professor" of the Ministry of Higher Education, Baghdad, for the Academic year 2001-2002.

Books edited.

Introduction to Quantum Chemistry, Arabic, Baghdad, 1979.

Instruction and Rules for the Work in Chemical Plants and Laboratories. Translated from German, 1983.

Computer Programming for Chemistry Students, Arabic, 1985.

Semiempirische SCf-MO Berechnung organischer Molekule, Habilitationsschrift, 1972.

Conferences visited.

Over 54 conferences in various fields of chemistry.

Supervision of PhD. and MSc. Students,

more than 70 graduate students.

Main Field of Research. Quantum Chemical Treatment of The Structure and Reactivity of Molecules.

Publication. See the attached list