

FullName: Ali Atia Abdulla

Professor emiretus of physics, since 2010.

BirthDate:7/1/1939

Place of Birth: IRAQ

Scientific Degrees:

1-PhD in Physics, OSU.USA, 1968

2-M.S in Physics, NDU, USA, 1964

3-Bsc in Physics (Honor Degree), Baghdad Univ., Iraq, 1961

Jobs Hold

1- Scientific Managements:

A-Director General, Arab Atomic Energy Agency (AAEA) 1989-1993

B-Director Manager, Sciences Management, Arab Bureau for Education 1985-1987, Riyadh, KS.

C-Director, R and Ministry of Industry, 1973-15/2/1975, Iraq

D-Chairman, Physics Department, college of science, B.U,Iraq,9/15/1975-6/20/1981

E-Chairman, Physics Department, college of science,B.U,Iraq,9/7/1987-2/14/1989

F-Director, Nuclear Research Institute, Iraqi Atomic Energy Committee, 1969-1972, Iraq

G-Scientific Researcher, Nuclear

Institute, IAEC, 1968-1969

2-ScientificStatus:

A-scientific researcher-Iraqi Atomic Energy Committee (IAEC), 12/1968-7/1969

B-instructor, 1972-1975

C-assistance professor, 1975

D-professor, 1984

3-Teaching Experiences:

A-teaching the following courses for graduate studies: advanced nuclear physics, advanced quantum mechanics, quantum field theory, particles physics.1975-1985,1987-1989, 1993-2009, Physics Department, College of Sciences, Baghdad University ,Iraq.

B-for undergraduate, the following courses were taught: quantum mechanics, classical mechanics, electromagnetic theory,optics,nuclear physics,thermodynamics,modern physics, Labs

These courses were thought at: 1-Oklahoma State University,USA,1967-1968, 2-

AlmustansyriaUniv.Iraq, 1969-1974, 3-AlbasrahUniv., Iraq, 19 72-1974 ,4- BaghdadUniv.

1975—1985,

4- Supervising MS and PhD Students

Theses:.

Supervised(30) M.S Students theses and (12)PhD Students, during the periods (1978-1985, 1993-2009) University of Baghdad, Iraq.

5-OTHERS SCIENTIFIC ACTIVITIES

A-chairman of the Iraqi society of physicists and mathematicians, 1976-1985.Iraq

B-Secretary General of Arab Union for physicists and Mathematicians, 1976-1985,Iraq

C- Full Member of the Iraqi Academy of sciences, 1979-1996, Iraq.

D-Honor Member of the Iraqi Academy of Sciences, 1996- till now, Iraq.

E-Member of Sigma Pi Sigma, Oklahoma state University chapter, USA.1967

6-BOOKS AUTHERED:

A-Nuclear physics, text for third year physics, in Arabic, Issued by the Iraqi Ministry of higher education and scientific research (MHESR), 1982.

B-Properties of matter and wave motion, text for two year physics.(in Arabic),Issued by(MHESR),1978

C-General physics for teachers institutes, text,(in Arabic)Issued by Ministry of Education,1978,Iraq.

D- Experimental nuclear physics for 4 year students, text,(in Arabic).Issued by the University of Baghdad, 1991, Iraq

E-Advance Nuclear Physics Published by Xlibris, USA, 2015

F- Quantum Mechanics).Published by Xlibris, USA, 2015

G-Philosophical and Thoughts Approaches In Physics(in Arabic) issued by the Iraqi Academy of Sciences, 2010

H-Survey Study In the physics of Nuclear Particles, issued by the Physics Department press, 2009.

I-Nuclear Energy and its future in the world, published by the Arab Atomic Energy Agency, 1991

J-There is 4 books related to non physics subject, published thru 2005-2009.Total (12) books.

K-There are (15) books which supervised, edited for, or introduced to.

7- ConferencesAttended, local, re(63) Planning Committees during the period (1969----2002),in different establishments in Iraq and the Arab organizations. As examples:

A-Iraqi Atomic Energy commission (IAEC), member, 1970-1972

B-central committee to supervise the execution of the (IAEC) projects, president, 1971-1972

C-Administration Board of the Regional Central of Radio Isotopes (RCRI) for Arab states Cairo, president, 1971-1972

D-committee of scientific research
Projects assessment of (RCRI), President, 1970-1972

E-committee of the development of the college of sciences, University of Baghdad, member, 1976

F-higher committee of developing the curriculum and the teaching means, ministry of education, Iraq, member, 1975-1982

G- Committee of physics programs at the high school level, ministry of education, president, 1976-1982

H-committee to study the establishment of research and development center in the industrial companies in Iraq, member, 1974

I-consultant committee for the center of Astronomy, scientific research establishment, Iraq, member, 1970-1978

J-30 committees of assessment of MS and PhD student's theses, chairman, B.U. and others.1978-2009

k- The assessment of the scientific degrees obtained from international institutes in different scientific specialties committee, chairman, 1975-1982

9-ScientificJournalsissued:

A-Arab, Journal for physics, editor in chief, 1977-1985, Issued by Arab Union for Arab Physicists and Mathematicians, Iraq.

B-Mathematics and Physics Journal, editor in chief, 1977-1985.Issued by Iraqi society for Physics and Mathematics, Iraq.

C-Arab Gulf Journal of Scientific Research, A, Editor in chief, 1985-1987.
Issued by Arab Bureau for Education for Gulf Arab States, Riyadh, K.S.

D-Arab Gulf Journal of scientific Research,B,Agricultural and Biological Sciences, Issued by Arab Bureau for Education for Gulf Arab States,Riyadh,K.S.

e- The Atom and Arab Society Development, popular Journal, editor in chief,1989-1993.Issued by AAEA.

10- Published Papers: 50 papers published in different International Journals