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Personal information:

Date & Place of Birth: Feb 20, 1946, Libya.

Nationality: Libyan.

Material status: Married.

Status: Professor of Toxicology/Entomology.

Areas for research interests:

1. Ecotoxicology:
 - Effects of Toxic substances on soil animals.
2. Natural Toxic substances:
 - Toxic effects of phytotoxins on invertebrates and vertebrates.
3. Chemical and Biological pesticides.

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Educational Qualifications:

B.Sc. Plant Protection, Faculty of Agriculture,
University of A1-Fatha, Libya 1974.
M.Sc. Toxicology/Entomology, Department of
Entomology, University of Arkansas, U.S.A. 1978.
Thesis-Evaluation of selected insecticides against
field crickets.

Ph.D. Toxicology/Entomology, Department of Entomology, University



of Arkansas U.S.A., 1983. Dissertation-Chemical pesticides-microbial insecticides interaction in Lepidoptera larvae.

Scientific Ranking:

1983-1984 (1 year)

* Lecturer in Plant Protection Department, Faculty of Agriculture, University of A1-Fatah, Tripoli, Libya.

1984-1986 (2 years)

* Lecturer in Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

1986-1990 (4 years)

* Assistant Professor in Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

1990-1994 (4 years)

* Associate Professor in Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

1994-till now

* Professor in Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

Positions held:

1987-1991 (4 years)

Chairman, Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

1993-1996 (3 years)

Environmental consultant in the Environmental Protection Company of Benghazi City Municipality, Libya.

1993-till now

Environmental consultant in Great Man-Made River project, Libya.

1997-2000

Chairman, Zoology Department, Faculty of Science, University of Garyounis, Benghazi, Libya.

2004- Now

Dean faculty of arts and science , ALKUFRA , University of Garyounis

Publications

1. Mohamed, A. I., S. Y. Young and W. C. Yearian. 1983. Effects of microbial agent-chemical pesticides mixtures on *Heliothis virescens* J. Environ. Entomol.12: 478-81
2. Mohamed, A. I., S. Y. Young and W. C. Yearian, 1983. Susceptibility of *Heliothis virescens* to microbial agent-chemical pesticide mixtures on cotton foliage. Environ. Entomol. 12: 1403-1405.
3. Mohamed, A. I., S. Y. Young and W. C. Yearian. 1984. Effects of methoprene on nuclearpolyhedrosis virus production in *pseudoplusia includens*. J. Georgia Entomol. 10 No. 1.
4. Mohamed, A. I., S. Y. Young and W. C. Yearian, 1984. Susceptibility of *Pseudoplusia includens* to Nuclearpolyhedrosis virus-methopene combinations. J.Agric. Entomol. 1(2) 137-141.
5. Mohamed, A.I. and G.A.Nair.1989. Compative effects of chemical pesticides on the woodlice in Benghazi ,Libya. J.Biol.Sci.Res.IRAQ.
6. Nair, G. A., Fadiel, M. M. and Mohamed, A. I. 1989. Effects of temperature on transpiration, behavior, growth and feeding habits of *Armadillo officinalis* (isopoda, oniscidea) in Benghazi, Libya J. Arid. Environ. 17: 49-55.
7. Nair, G. A., A. I. Mohamed and M. M. Fadil 1989a. On the transpiration rates and temperature and humidity acclimations of the woodlice in Benghazi, Libya .Tropical Ecology 30: 266-232.
8. Nair, G. A., M. M. Fadil and A. I. Mohamed. 1989b. Effects of temperature on transpiration behavior. Growth and feeding habits of *Armadillo officinalis* in Benghazi Libya. Arid Envirenm. 17: 49-55.
9. Nair, G. A., A.L. Mohamed and K. C. Bhuyan. 1991. Effects of chemical pesticides on the gravid females and stadia of the *woodlouse porcellio scaber*, Qatar Univ. Sci. 11:213-225.
10. Mohamed, A. I., K. C. Bhuman and M. El-Meslaty. 1994. Laboratory and field evaluations of selected chemical insecticides on the third stage of *Spodoptera littoralis* larva in Benghazi, Libya. Zool. Anz. 233.
11. Nair, G. A., Bhuyan, K. C., Muttardy, F. A. and Mohamed, A. I. 1994. On the body mass and respiration of the bulb-eating slug, *Milax*

- rusticus* fed on lettuce or cabbage Zoological Anazger, Germany 233:117-121.
12. Nair, G. A. Moharned, A. I. and Nurzzaman, M. 1994. Survival, body mass and feeding of the bulb-eating slug. *Milax rusticus* treated with spinach homog filterate. Arid Soil Research and Rehabilitation, U.S.A. 8:101-103.
 13. Mohamed, A. I., Nair, G. A., Kassem, H. H. and Nuruzzaman, M. 1995. Impacts of pesticides on the survival and body mass of the earthworm *Aparrectodea caliginosa* trapezoides (Annelida: Oligochaeta). Acta. Zool. Fennica 196: 334-337.
 14. Nair, G. A., Mohamed, A. I. and Bhuyan, K. C. 1995. Comparative effects of chemical pesticides on survival, body mass and respiration of the pulmonate slugs *Milax rusticus* and *Milax sowerbyi*. Journal of African Zoology, Belgium 109: 141-149.
 15. Baiu, S. H., A. I. Mohamed, M. M. Godiah, M. A. Elaib, F. El-Tomy and N. A. Sahly, 1997. The Newly established aquatic ecosystem in the reservoirs of the Great Man-Made River. Mukhtar, J. of Science, 4:93-104.
 16. Benour, S. A., G.A. Nair and A I. Mohamed 1997. Survival, Body mass and Transpiration of the pesticide treated earthworm *aporrectoda caliginosa* (Savigny 1862) Oligochaeta: Lumbricidae.
 17. Nair, G. A., A. I. Mohamed and K.C. Bhuyan. 2001. Thermobiology of *Armadillo officinalis* and *Hemilepistus reaumuri* (Isopoda: Oniscidea) in Benghazi, Libya. J. Ecology of Desert Environment. (Ed. I. Prakash) Scientific.
 18. Nair, G. A., A. I. Mohamed and M. H. Haeba. 2002. Laboratory studies on the LD50 of the woodlouse, *Porcellio scaber* (Laterille Isopoda, Oniscidea) exposed to chlorpyrifos. Afr. J. Ecol. 40 393-395.
 19. Haeba, M. H., A. I. Mohamed, A. R. Mehdi and G. A. Nair 2003. Toxicity of *Nerium oleander* leaf extract on Swiss Albino Mice. J. Poll Res. 22 (2) 157-161.
 20. Nair, G..., R. V. Chalam and A. I. Mohamed 2003. Cuticular

- transpiration in woodlice (Isopoda, oniscidea) inhabiting Benghazi, Libya.
21. Alshawish, S.A., A.I. Mohamed and G.A. Nair. 2004. Prolonged toxicity of sublethal dosages of chemical pesticides on the body mass and cocoons of *Aporrectodea caliginosa* inhabiting Benghazi. Proc. nat. ACAD. SCI. INDIA. VOL. 74 B(11).
 22. Eltorki, M. A., A. W. Mehdi, A. I. Mohamed and N. A. Al-Jiboori. 2005. Liver and Kidney Functions in adult rats following multiple subcutaneous injection of non – lethal doses of *Datura metel* leaves aqueous extract – faculty of science symposium 2005. (In press).
 23. Mohamed, S.A. and A.I. Mohamed. 2005. Toxic effects of castor bean seeds *Ricinus communis* water extract to female Swiss albino mice. Faculty of Science symposium proc. (in press) .
 24. Amer, A.H. and A.I. Mohamed. 2005. Acute toxicity of Hexavalent chromium oxide to Swiss albino mice. The 5th. National pharmaceutical Science conference. University of Garyounis. (in press) .
 25. Mohamed. A. I., Alnur, A. M. and Alslman, I. 2005. Pesticides stress on the woodlouse *Porcellionides pruinosus* among the common isopods in Benghazi and Sebha agroecosystem. Medcore Project international conference. Florence, Italy.
 26. Bushaiba, S. S. , Mohamed, A. I. and Nair, G. A.. 2006. Impact of chemical pesticides on survival and feeding rate of the woodlouse *Porticallis saber isopoda*, oniscidea in Benghazi Libya . J. J. Appl. Sce 8 (2) 23-50 .
 27. Mohamed, S.A. and Mohamed, A I.. 2006 .Toxic effect castor bean *Ricinis communis* seeds water extract to female swiss albino mice *Mus musculus* . New trends and their applications .GSF books symposium series No. 1 69-82.
 28. Torki, M. A., Mehdi, A. W., Mohamed, A. I. . and Al-jiboori, N. A. 2006. Liver and kidney functions in adult male rats following multiple



subcutaneous injection of non –lethal doses of *Datura metle* leaves . GSF
Books symposium series No. 1 26-48

Graduate Supervision (Total – 12)

1. EI-Mestiri, F., A. I Mohamed and A. Yasin .1997. Comparative effects of chlorpyrifos and fenvalerate on the cardiovascular system of New Zealand white adult male rabbits M.Se. Thesis Zool. Dept. University of Garyounis.
2. Mohamed, S. A., N. A.Jaboury and A. I. Mohamed .1998. Structural-functional changes in pregnant mice and their foetuses exposed to sublethal dose of Diazinon. M.Sc. Thesis Zoo. Dept. University of Garyounis.
3. Bushaiba, S. S. and A. I. Mohamed .1999. Effects of chemical pesticides on the survival, leaf consumption and organic matter deposition of the *woodlouse, porcellio scaber*, M. SC. Thesis Zool. Dept. University of Garyounis.
4. Milad, A. M. and A. I. Mohamed .2000. Chemical pesticides-microbial insecticide interaction in the third stag *Spodoptera littoralis* larvae. M.Sc. thesis Zool. Dept. University of Garyounis.
5. Amer:, A. H. and A. I. Mohamed. 2000. Acute and prolonged toxicity of hexavalent chromium oxide to Swiss albino mice. Thesis Zool. Dept. University of Garyounis.
6. Younis, T. S. and A. I. Mohamed .2000. The evaluation of zinc chloride, to Swiss albino mice. M.Se. Thesis Zeol. Dept. University of Garyounis.
7. Haeba, M. H. and A. I. Mohamed . 2000. Short and long term toxicological activities of *nerium oleander* leave extract in Swiss atbino mice. M.Sc. Thesis Zool. Dept. University o f Garyounis.
8. Al-Shawish. S. A.,A. I. Mohamed .200l. Comparative toxicity of chemical pesticide to the earth worm *Aparrectodas caliginosa* . M.Sc. Thesis Zool. Dept. University o f Garyounis
9. Aljlali, M. M., A. I. Mohamed . 2002. Toxic effect of the castor bean



Risinus communis seeds extract to the Swiss albino male mice. M.Sc. Thesis Zool. Dept. University of Garyounis

10. Al-Nur, A. M., A. I. Mohamed and Alslman, I. 2004. Comparative toxicity of chemical pesticides to the woodlouse *Porcellionidae pruinosus* (Brandt 1833) that endemic in agroecosystem of Murzug, Libya. M.Sc. Thesis Zool. Dept. University of Sabha.
11. Mohamed, S. A., A. I. Mohamed .2005. The toxic effects of the castor bean *Ricinus communis* seeds-extract to the Swiss albino female mice. M.Sc. Thesis Zool. Dept. University of Garyounis.
12. Mohamed, S. M., A. I. Mohamed. 2005. Acute and prolonged toxicity of the OP-Diazinon to Swiss Albino female mice. M.Sc. Thesis Zool. Dept. University of Garyounis.
13. Elgomati, S.S. and Mohamed, A.I. 2007. Long term assessment of high dosages of Cadmium and Zinc in the terrestrial isopod *Porcellio scaber* ,(Latreille 1804).
14. Sahad, R.A. and Mohamed, A.I. 2007. Prolonged toxic stress of Copper and Lead on the terrestrial isopod *Porcellionides pruinosus*, (Brandt 1833).

Books published

- [1] General Entomology .1995. University of Garyounis Publications (in Arabic).
- [2] An Introduction to Toxicology and Pollution Biology .1999. University of Garyounis publications (in Arabic).
- [3] Toxicology Principles and Concepts .2003. University of Garyounis publication (in Arabic).
- [4] Endocrinology. 2002. Eds, Hamead , A. and A. I. Mohamed (in Arabic) University library press .

Conferences attended

- 1987 - Desertification and desert communities, Murzug, Libya.
Member of organizing committee.
- 1988 - Environment and pollution, Sebha, Libya.



Member of organizing committee and presented a paper.

1989 - Basic sciences, Tripoli, Libya

Presented a paper.

1990 - Role of the Universities in the communities, Benghazi-Libya

Member of organizing committee.

1994 - Soil animals, javeskila-Finlend

Presented a paper.

1996 - Science and Technology, Asuit, Egypt

Presented a paper.

1997 - Biological sciences, Benghazi-Libya

Chairman, organizing committee.

2004 – Biological sciences conference ,University of Sebha

Member of Scientific committee presented a paper.

2005 – Medcore project international conference, Florance Italy 10–

14/11/2005

Presented a paper

Societies

former Member.

Entomological Society of America.

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