

Personal data

Name **Elnaeim Ibrahim Abd-Elkarim**

Date of Birth 10/12/1949

Place of birth Delami, Sudan

Marital status Married (7 children).

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RESPONSIBILITIES

- Associate Professor, Department of Animal Sciences, Faculty of Natural Resources and Environmental Studies, University of Kordofan, October, 1999-October, 2007.
- Seconded from the Animal Resources Research Corporation (Ministry of Science and Technology) to the University of Kordofan, October, 1999-September, 2004.
- Director of El-Obeid Veterinary Research Laboratory, November, 1995- July, 1999.
- Assistant Professor, Animal Resources Research Corporation, El-Obeid Veterinary Research Laboratory, 1994.
- Veterinary Research Officer, Head Department of Diagnosis and Research, El-Obeid Veterinary Research Laboratory, Kordofan State, Sudan, 1989
- Veterinary Research Officer, Head Department of Entomology and Trypanosomiasis, Nyala Regional Veterinary Research Laboratory, Darfur, Sudan, 1984-1989.
- Assistant Research Officer, Nyala Regional Veterinary Research Laboratory, Team Leader Studying the Ecology and Biology of Biting Flies, Sudan-British-ODA Tsetse and Trypanosomiasis Survey Project, South Darfur and South Kordofan, 1979-1982.
- Acting Senior Veterinary Research Officer, Nyala Regional Veterinary Research Laboratory, January-June 1979.
- Assistant Research Officer, Central Veterinary Research Administration, Khartoum, Sudan, January, 1979.
- District Veterinary Officer, Idd-Elfursan, South Darfur, 1977-1978.
- Veterinary surgeon, meat inspector, vaccination team leader, cheese production team leader, Nyala, South Darfur Province, 1976-1977.
- Veterinary Surgeon, Ministry of Agriculture, Food and Natural Resources, (Animal Resources), Khartoum, 1976.

CONSULTANCIES

- A consultant to the Improving Livestock Production and Marketing Project studying “**The Management of Veterinary Waste**” in the project area June – September 2009.
- A consultant to the Ministry of Animal Resources in **A Stakeholders Workshop on: Tsetse Fly and Trypanosomosis, South Sudan, Juba**, November, 12th -14th , 2008. Southern Sudan, Juba, 12th – 14th, November, 2008.

ACADEMIC ACTIVITIES

1. External and internal examiner for MSc and PhD students in the University of Kordofan (since 1999 to date), the University of Khartoum (since 2003 to date) and external examiner in the University of Nyala, Faculty of Veterinary Science (2008).
2. Part-time lecturer, University of Khartoum, Faculty of Health and Environmental Studies, MsC course, Evolution of Arthropoda, 2010.
3. Part-time lecturer, University of West Kordofan, Faculty of Veterinary Science, BVSc, Veterinary Protozoology and Entomology, 2010.

1. Presently teaching the following courses: Animal Physiology, General Entomology, Form and Function of Living Organisms, Parasitology, Medical Entomology, Principles of Zoology.

1. Member of a Technical Committee prepared Curricula for High Diploma and Masters of Biology, Department of Biology and Chemistry, Faculty of Education, University of Gadaref, August, 2008 and Faculty of Education, University of Bakhat Erruda, 2008.

1. Taught the following courses for B.Sc. level (1991-1993): Principles of Zoology, (1994-2007): Animal Physiology, Reproductive Physiology and Endocrinology, Wildlife Management, and (1999-2007): Research Methodologies for graduate and under graduate students, Faculty of Natural Resources and Environmental Studies, University of Kordofan.

1. Part-time lecturer, University of Kordofan, Faculty of Medicine and Health Sciences, Medical Entomology (2005-2007).

1. Head of the technical committee established the Department of Rural Extension and Social Development, Faculty of Natural Resources and Environmental Studies, University of Kordofan, 2002.

1. Part-time lecturer, University of Kordofan, Faculty of Science, (1998-2006): Cell Biology, Invertebrates, Parasitology and Immunology.

1. Part-time lecturer, University of Kordofan, Faculty of Engineering, (2000 and 2001): Research Methodologies.

1. Part-time lecturer, University of Dilling, Faculty of Education, Department of Biology (2000): Animal Physiology, General Entomology and Invertebrates.
2. Head of Technical Committee revised curricula of the Department of Animal Production, Faculty of Agricultural Sciences, University of Dilling (2000).

1. Member of the Committee Studied the Establishment of the Faculty of Agricultural Sciences, University of Dilling, (1996).

CONFERENCES, SEMINARS AND TRAINING COURSES ATTENDED

- A) A Stakeholders Workshop on: Tsetse Fly and Trypanosomosis, South Sudan, Juba, November, 12th -14th, 2008.
- B) Management Skills in Education and Information Authorities, Labours University, Cairo, Arab Republic of Egypt, 11th -21st, June, 2005.
- C) Workshop on Improvement and Modernization of Academic Curricula in Sudanese Faculties of Agricultural Sector, (Committee of Agriculture, Veterinary, Natural Resources and Environmental Studies, Ministry of Higher Education, Sudan). University of Kordofan, El-Obeid, December, 2004.
- D) The Regional DAAD-Alumni Workshop, Management for Sustainable Use of Natural Resources in Rural Systems of Eastern Africa Dry Lands (Sudan, Ethiopia and Kenya). Strategies for Environmental Rehabilitation. University of Kordofan, El-Obeid, Sudan, 8-12th December, 2003.

E) A Joint Workshop between ICIPE (Kenya, Nairobi) and Ministry of Agriculture and Forestry, (Sudan) on Research Collaboration arranged in Khartoum, 6-7th December, 1999.

F) Sixth Arab Veterinary Conference , Iraq, Baghdad, November, 16th -21st , 1993.

G) Training Course on Advanced Methods in Medical and Veterinary Vector Control, Imperial College of Science, Technology and Medicine and London School of Hygiene and Tropical Medicine, 25th Jan.- 5th March, 1993.

H) Training Attachment with the International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya, 1st September-15th December, 1991.

J) An International Group Training Seminar on Efficient Data Collection, Analysis and Interpretation in Pest Management (ICIPE), Nairobi, Kenya, October, 21st -November 8th , 1991.

K) Conference on Animal Resources Development, El-Obeid, Kordofan, Sudan, September, 1991.

L) A Symposium on: Drug Use Strategies for the Control of Animal Trypanosomiasis in the Sudan. Khartoum, Sudan, December 19th -21st , 1990.

M) Eighteenth Conference of the International Scientific Council of Trypanosomiasis Research and Control, Harare, Zimbabwe, Feb-March, 1985.

N) FAO/WHO/OAU-Training Seminar on Tsetse and Trypanosomiasis Control, Harare, Zimbabwe, Feb-March, 1985.

O) Animal Resource Development Conference, Darfur Region, Nyala, South Darfur, Sudan, May, 1982.

P) Sudan Veterinary Association 8th Conference, Khartoum, Sudan, April, 1977.

PAPERS AND SEMINARS DELIVERED

- 1) A paper on: Veterinary waste management in the project area of Improving Animal Production and Marketing (In Singa, Elobeid, and Khartoum), 2010.
- 2) A paper on: Biting flies in the Sudan,in A Stakeholders Workshop on: Tsetse Fly and Trypanosomosis, South Sudan, Juba, November, 12th -14th , 2008. Southern Sudan, Juba, 12th – 14th , November, 2008.

3) A paper on: Biting flies in the Sudan, in the Joint Workshop on the Scientific Collaboration between Sudan Ministry of Agriculture and Forestry and ICIPE, Kenya. The Arab Agricultural Development Agency, Khartoum, Sudan, 6th -7th , December, 1997)

4) A seminar on: Biting flies community associated with cattle at Bahr El-Arab, Radom, Sudan. Central Veterinary Research Laboratory, Khartoum, Sudan, 11th October, 1994.

5) A seminar on: Seasonal incidence of *Oestrus ovis* larvae in sheep and goats of North Kordofan. Central Veterinary Research Laboratory, Khartoum, Sudan, 1st June, 1992.

6) A paper on: Successful control of multiple-drug resistant bovine trypanosome strains by chemotherapy in South Darfur Province, Sudan: In the symposium on Drug Use Strategies for the Control of Animal Trypanosomiasis in the Sudan. Khartoum, Sudan, December 19th -21st, 1990.

7) A seminar on: Chemoprophylaxis and drug resistance in bovine trypanosomiasis. Ministry of Animal Resources, Khartoum, Sudan, March, 1987.

8) A paper on: Visual responsiveness in late pregnant and larvipositing *Glossina morsitans* to moving objects in the laboratory. Imperial College Field Station, Silwood Park, U.K., September, 1983.

9) Tsetse problem in the Sudan. Imperial College Field Station, Silwood Park, U.K., January, 1983.

10) A paper on: Parasitic diseases in Darfur Region, Sudan: in the Conference on Animal Resources Development, Nyala, May, 1982.

DEGREES

- **PhD:** University of Khartoum, Faculty of Veterinary Science. November 2002, (Biology and vectoral capacity of *Stomoxys calcitrans* to animal trypanosomosis).
- **MSc:** University of London, Imperial College of Science and Technology, October, 1983, (Pest Management).
- **DIC:** Imperial College of Science and Technology, November, 1983.
- **BVSc:** University of Khartoum, Faculty of Veterinary Science, September, 1976.

EDUCATION

1971-1976	University of Khartoum, Faculty of Veterinary Science.
1966-1971	Kadugli and Khor Taquat High Secondary Schools
1962-1966	Dilling Intermediate School.
1957-1962	Delami and Sallara Primary Schools.

MEMBERSHIP OF ASSOCIATIONS

- Chairman of the Veterinarians Union, North Kordofan State, October, 2006-October, 2007.
- Chairman of the Advisory Council for Regulating and Supervising the Privatization of the Mobile Veterinary Clinics in North Kordofan State, January-October, 2007.
- Chairman of the Ministerial Committee Studying the State Government Suggestion in Respect to Privatization of Mobile Clinics in North Kordofan State, September-November, 2006.
- Board of Directors, University of Kordofan, 2000-2005.
- University of Kordofan Senate, 2003-2006 and 2007.
- Board of Directors, Arous El-Rimal Company for Animal Resources Services, Kordofan State, 2002-2005.
- Chairman of the University of Kordofan Workers' Trade Union, 2001-2005.
- Board of Directors, El-Obeid Veterinary Teaching Hospital, General Administration of Animal Resources, Kordofan State, 1996-1998.
- Board of the Deanship of Research and Graduate Studies, University of Kordofan, 1995-2005.
- Faculty Board, Faculty of Natural Resources and Environmental Studies, University of Kordofan, 1993-2007.
- Secretary General of Veterinarians Union, Kordofan State, 1993-1996.
- Chairman of the Veterinarians Trade Union, South Darfur Province, 1985-86.
- Member of the Sudanese Veterinarians Union, 1976 to date.

PRIZES

- 1) Faculty prize in Biochemistry, Faculty of Veterinary Science, 1972-73.
- 2) Nominated with others for State Prize in Production, (1988) as a result of laboratory and field research work for control of animal trypanosomosis in South Darfur, Sudan.

PUBLICATIONS

- 1) Sagr, I. H.; Abd-Almaged, A. M.; **Abd-Elkarim, E. I.**; Ibrahim, A. A.; Idris, F. and Bakheit, S. A. (2000). The socioeconomics of camel herders in West Sudan, The Repuplic of the Sudan, Ministry of Animal Resources, the Arab Centre for the Studies of Arid Zones and Drylands (ACSAD), 24pp. (in Arabic).
- 2) Mohamed-Ahmed, M.M.; Rahman, A. H. A.; and **Abd-Elkarim, E. I.** (1997). A successful control of multiple drug-resistant trypanosome strains by samorin chemotherapy in South Darfur. Sud. J. Vet. Res., 11, 15-27.
- 3) Rahman, A. H. A.; Mohamed-Ahmed, M.M. and **Abd-Elkarim, E. I.** (1997). The efficiency of chemotherapy and chemoprophylaxis in control of bovine trypanosomiasis in nomadic cattle of South Darfur Province, Sudan. Sud. J. Vet. Sc. Anim. Husb. Vol. 36, (1,2,) pp.
- 4) Rahman, A. H. A.; **Abd-Elkarim, E. I.** and Mohamed-Ahmed, M.M. (1997). Study on trypanotolerance in local cattle breeds in Sudan. Publication No. 116 (ISCTRC) 21ST meeting, Yamoussoukro, (Cote de Viore), OAU/STRC. Page 165.
- 5) Mohamed-Ahmed, M.M., **Abd-Elkarim, E. I.** and Rahman, A. H. A.(1993). Reproductive status, catch and age composition of natural tsetse population of *Glossina morsitans submorsitans* in Bahr El Arab fly belt, Sudan. Ins Sc. and its Appl. 14 (4): 445-453.
- 6) Mohamed-Ahmed, M.M.; Rahman, A. H. A.; and **Abd-Elkarim, E. I.** (1993). Multiple drug resistant trypanosome strains in South Darfur, Sudan. Trop. Anim. Hlth. Prod., 24, 179-181.
- 7) **Abdel-Karim, E. I.** (1991). Trypanosomiasis in trade cattle of South Darfur. Sud. J. Vet. Sc. Anim. Husb. 30.
- 8) **Abdel-Karim, E. I.** and Benjamin, G. H. (1989). Studies on horse flies (Diptera: Tabanidae), South Darfur Province, Sudan. Sud. J. Vet. Sc. Anim. Husb. 28, 39-42.
- 9) **Abdel-Karim, E. I.** and Brady, J. (1984). Changing visual responsiveness in late pregnant and larvivorous flies (*Glossina m. morsitans*). Physio. Ento. 9, 125-131.
- 10) **Abdel-Karim, E. I.** (1982). Studies on some Tabanidae of Southern Darfur: seasonal and daily abundance. Sud. J. Vet Sc. Anim. Husb 21, (2) 66-79.

PAPERS IN PREPERATION

- **Abd-Elkarim, E. I.**; Mohamed-Ahmed, M.M. and Rahman, A. H. A. Traps for tsetse flies and other haematophagous flies in Baher El-Arab tsetse belt, Sudan.
- **Abd-Elkarim, E. I.**; Rahman, A. H. A. and Mohamed-Ahmed, M.M. Haematophagous flies associated with cattle in Bahr El-Arab area, Sudan.
- **Abd-Elkarim, E. I.** A preliminary study on the digger wasp (Cepcidae) in Bahr El-Arab area, Sudan.
- **Abd-Elkarim, E. I.** Seasonal prevalence and infestation of *Oestrus ovis* larvae in sheep and goats of Kordofan.

TECHNICAL REPORTS

- 1) Elhag, F. M. A.; **Abd-Elkarim, E. I.**; Khatir, A. A. and Ahmed, E. O. A guide for animal feeding and production systems in North Kordofan State, Sudan. IFAD, North Kordofan in collaboration with Agricultural Research and Technology Transfer, El-Obeid Research Station, (in Arabic), 2005.
- 2) **Abd-Elkarim, E. I.**; Shamat, A. M.; Ibrahim, M. E. Y.; Ibrahim, A. A.; and Nasr, B. E. M. A disease survey in livestock of South and West Kordofan States. El-Obeid Veterinary Research Laboratory, ARRC, Ministry of Animal Resources, Sudan, 31 pp., 1998.
- 3) Elhag, F. M. A.; **Abd-Elkarim, E. I.**; Shamat, A. M.; Gism- Alla, T. H.; Elmadih, M. A.; Elamin, E. A. and Makki, M. A. On-farm urea treated crop residues dry season feeding and drug effects on goats performance. FAO/UNDP, On-farm Research Project Technical Report (Season 1995-96), 1996.
- 4) **Abd-Elkarim, E. I.**; Haroun, B. O.; Shamat, A. M.; Gism- Alla, T. H. and Elhag, F. M. A.. On-farm drug trials for control of nematodes and coccidia in goats, Sheikan Province, North Kordofan State, Sudan, Technical Report No. 6. 1995.
- 5) **Abd-Elkarim, E. I.**; Haroun, B. O.; Shamat, A. M.; Gism- Alla, T. H. and Elhag, F. M. A. Effects of a coccidiostat and an anthelmentic on goats. Sheikan Province, North Kordofan State, Sudan. FAO/UNDP, On-farm Research Project Technical Report, No. 4, 1994.
- 6) Haroun, B. O.; **Abd-Elkarim, E. I.**; Gism- Alla, T. H. and Elhag, F. M. A. Survey of diseases of livestock of Sheikan Province, North Kordofan State, Sudan. FAO/UNDP, On-farm Research Project Technical Report, No. 1, 1993

- 7) Mohamed-Ahmed, M.M., **Abd-Elkarim, E. I.** and Rahman, A. H. A. Drug resistant trypanosomes in nomadic cattle of Darfur, with recommendations for control. Veterinary Research Administration, Sudan. 1988.
- 8) **Abd-Elkarim, E. I.** An outbreak of schistosomiasis in sheep and goats in North Darfur, Sudan. (in Arabic), 1981.

ACADEMIC SUPERVISION

- 1) **MSc:** Ahmed Hassan Ibrahim. Assessment of wild life in Jebel El-Dayer area, North Kordofan State, Sudan. 2009.
- 2) Igbal Meisara Ali. Evaluation of *neem* seed water-extract as a mosquito control agent. Department of Zoology, Faculty of Science, University of Kordofan, January, 2008.
- 3) **MSc:** Rogaya Mohamed Idris. Reproductive characters of sheep under natural grazing in North Kordofan State, Sudan. Department of Animal Production, Faculty of Natural Resources and Environmental Studies, University of Kordofan, October, 2007.
- 4) **MSc:** Igbal Ali Ibrahim. Sources and risks due to bacterial contamination of meat animals slaughtered inside and outside abattoirs in El-Obeid Town, Sheikan Locality, North Kordofan State, (in Arabic). Department of Animal Production, Faculty of Natural Resources and Environmental Studies, University of Kordofan, March, 2007.
- 5) **MSc:** Mohamed Awad Abd-Alla. Ecology and fisheries of El-Rahad Turda. Department of Zoology, Faculty of Science and Humanities, University of Kordofan, 2007.
- 6) **MSc:** Intisar Mirghani El-Nur. Prevalence of *E.coli* in retail milk in El-Obeid, North Kordofan State. Department of Animal Sciences, Faculty of Natural Resources and Environmental Studies, University of Kordofan, 2004.
- 7) **MSc:** Fathi Hamid Adam. Ecology and biology of mosquitoes in El-Obeid, North Kordofan, Sudan. Department of Zoology, Faculty of Science and Humanities, University of Kordofan, 2003.
- 8) **MSc:** Abd-al-Nabi Ismail El-Sayer. Response of *T.evansi* strains to antrycide pro-salt. Department of Preventive Medicine, Faculty of Veterinary Medicine, University of Khartoum, 1995.

CURRENT RESEARCH

- i. Prevalence of brucellosis in livestock of South Kordofan State.
- ii. Effect of Krispa water-extract on ovi-position, egg hatching, larval development and adult emergence of mosquitoes in Khartoum.
- iii. The ecology and biology of *Stomoxys calcitrans* in Khartoum State.