

# IDIKA KALU IDIKA

Department of Veterinary Parasitology and Entomology  
Faculty of Veterinary Medicine,  
University of Nigeria, Nsukka (UNN)

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## PERSONAL PROFILE

Nationality	<b>Nigerian</b>
State/LGA of origin	<b>Abia State/Ohafia</b>
Year of Birth	<b>1979</b>
Sex/Marital status	<b>Male/Married</b>
Staff No	<b>UNP.SS.8704</b>
Veterinary Council of Nigeria License No	<b>VCN.4554</b>

- **Career goal:** Excellence through innovative research

### 1. **Brief biography:**

Dr. Idika Kalu Idika is a Senior Lecturer and the current Head of Department of Veterinary Parasitology & Entomology, University of Nigeria, Nsukka. He is a Consultant Parasitologist to the University of Nigeria, Veterinary Teaching Hospital, Nsukka and a Fellow of the College of Veterinary Surgeons Nigeria (CVSN). He holds a Masters Degree and Ph.D in Veterinary Parasitology from the University of Nigeria, Nsukka. He is a Member of the Nigeria Veterinary Medical Association (NVMA) where he occupies the office of the 1<sup>st</sup> Vice Chairman, Enugu Chapter. Dr. Idika is interested in Basic and Molecular Parasitological studies.

### 2. **Area of Specialization:** Veterinary Helminthology and Clinical Parasitology

### 3. **Responsibilities:**

- Head, Department of Veterinary Parasitology & Entomology (2016/2017 Session)
- Teaching of Veterinary Helminthology and Clinical Parasitology to Veterinary students
- Supervision of Undergraduate and postgraduate research projects
- Consultancy services to the University of Nigeria Veterinary Teaching Hospital
- Member, Faculty of Veterinary Medicine Postgraduate Committee
- Faculty Representative to the Senior Staff Housing Committee (2015/2016 Session)
- Chairman, Faculty of Veterinary Medicine Postgraduate Seminar Committee (2015/2016 Session)
- Member, Faculty curriculum revision committee
- Co-ordinator, Veterinary Helminthology and Clinical Parasitology courses in the Department

## Awards

- 1<sup>st</sup> prize winner of the Vice Chancellor's postgraduate award, 2014/2015 Session
- Joint overall best graduating student, 2006/2007 session
- Dept of Vet Path & Microbiology Best graduating student award, 2006
- Best graduating student award in Veterinary Clinic, 2006
- Prof Chineme's and Dr E. C. Okwo's award to the best graduating student in Vet pathology

## Professional experience

Position	Organization	Date
Senior Lecturer	Dept of Veterinary Parasitology & Entomology, UNN	Oct 2014 till date
Consultant Helminthologist	University of Nigeria, Veterinary Teaching Hospital, UNN	Oct 2014 till date
Lecturer I	Dept of Veterinary Parasitology and Entomology, UNN	Oct 2011 to Sept, 2014
Lecturer II	Dept of Veterinary Parasitology and Entomology, UNN	March 2008 to Sept 2011
Vet Officer (NYSC)	Nafada Area council, Gombe State	March 2007 to Feb 2008

## Post Secondary Education and Qualifications

Degree	Awarding Institution	Date
Doctor of Philosophy (PhD) in Vet Helminthology	University of Nigeria, Nsukka	2015
Fellowship Diploma	College of Vet Surgeons, Nigeria	2015
Master of Science (MSc) in Vet Parasitology	University of Nigeria, Nsukka	2010
Doctor of Veterinary Medicine (DVM)	University of Nigeria, Nsukka	2006
Higher National Diploma (HND)	University of Nigeria, Nsukka	2001

## Researches

- Sustainable control of important Protozoan and gastrointestinal nematode parasites of pet and livestock in Nigeria
- Studies on host-parasite interaction in parasitic infection
- Studies on anthelmintic resistance and efficacy in pet and livestock
- Parasite-epidemiological studies

## Competence

- Diagnostic/clinical basic and molecular parasitology
- Haematology and serum biochemical analysis

- Biostatistics and Bioinformatics

## **Skill/Qualities**

- Very good interpersonal relationship
- Result oriented and target driven
- Ability to work with little or no supervision
- Creative and innovative
- Ability to work under pressure
- Very quick at learning new skills
- Excellent oral and written communication skills in English language.
- Proficient in information dissemination and management
- Proficient in word and data processing applications
- Efficient in Technical Writing and Effective Public Speaking
- Effective in Programme Planning, Logistics and Strategic delivery
- Very competent in Human Capacity building

## **Hobbies**

- Listening to news and documentaries
- Playing and watching football
- Extra-curricular reading

## **Referees**

### **Prof. Chukwunyere Okwudiri Nwosu**

Dept of Veterinary Parasitology & Entomology,  
University of Nigeria, Nsukka.

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### **Prof. John Ikechukwu Ihedioha**

Dept of Vet Pathology and Microbiology,  
University of Nigeria, Nsukka.

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### **Prof. Romanus Chukwuduruo Ezeokonkwo**

Dept of Veterinary Parasitology & Entomology,  
University of Nigeria, Nsukka.

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## LIST OF PUBLICATIONS

### JOURNAL ARTICLES

1. Ezeudu TA, Idika IK, Eze UU, Anyogu DC, Aneke IC, Nzeakor NC, Chah KF (2017). Helminth parasites of *Lemniscomys striatus* (striped grass mouse) and *Cricetomys gambianus* (giant African rat) in Nsukka, Nigeria. *Asian Pac J Trop Dis* 2017; 7(2): 80-83.
2. Aneke CI, Ugochukwu CI, Idika IK and Ugochukwu EI (2016). Comparative efficacy of graded doses of diaminazine acetate and fixed doses of iron dextran and vitamin B complex in mice infected with *Trypanosoma brucei brucei*. *Comparative Clinical Pathology*, 25(5): 933–939
3. **Idika IK**, Ezeudu TA, Eze UU, Aneke CI, Nwosu CO, Onah DN and Chiejina SN (2016). *In-vivo* and *in-vitro* Efficacy of Albendazole against Canine Ancylostomosis: a Possible Presence of Anthelmintic Resistance in Nigerian Local Breed of Dogs. *Research Journal of Parasitology*. 11 (1-2): 20-26, DOI: 10.3923/jp.2016.
4. Idika Ik, Eze UU, Aneke CI, Ezeudu TA, Iheagwam CN, Ezeh IO, Umeakuana PU and Nwosu CO. (2016). Responses of the Nigerian Local Breed of Dogs to Single Pulse, Trickle and Trickle Non-escalated Patterns of *Ancylostoma caninum* Infections. *Research Journal of Parasitology*: In press (DOI: 10.3923/jp.2016)
5. **Idika IK**, Obi CF, Ezeh I.O Iheagwam CN, Njoku IN and Nwosu CO (2015) Gastrointestinal helminth parasites of local chickens from selected communities in Nsukka region of south eastern Nigeria. *Journal of Parasitic Diseases* DOI 10.1007/s12639-015-0694-9
6. Ngongeh, LA, **Idika IK** and Abgede RI. (2014) Climate change/Global warming and its impacts on Parasitology and Entomology. *Open Parasitology Journal*, 5: 1-11
7. Obi, C.F, Obidike, R.I, Ezeh, I.O, Omoja, V.U, Iheagwam, C.N, **Idika, I.K**, Ezeokonkwo, R.C. (2013) Effects of *Trypanosoma brucei* infection and diminazene acetate therapy on testicular morphology and function of Nigerian local dogs. *Veterinary Parasitology*, 196, 283–288
8. Ngongeh, LA, **Idika, IK**, Iheagwam, CN, Mhomga, LI and Fakae, BB (2013). Effects of *Trypanosoma brucei* and *Heligmosomoides bakeri* Infections on Water Consumption of Lactating Albino Mice and the Viability of their Pre-Weaned Offspring. *Nigerian Veterinary Journal* 34 (4), 898-905

9. **Idika, IK**, Iheagwam, CN, Nwobi, LG and Nwosu CO. (2013). Evaluation of anaemia in Nigerian goats using FAMACHA® eye colour chart: a preliminary study. *Comparative Clinical Pathology* 22 (4): 627-630. DOI 10.1007/s00580-012-1456-z
10. **Idika, IK**, Iheagwam, CN, Ezemonye, CN and Nwosu, CO (2012) Gastrointestinal Nematodes and Body Condition Scores of Goats Slaughtered in Nsukka, Nigeria. *Nigerian Veterinary Journal* 33 (1) 440-447
11. Nwosu, CO, **Idika, IK**, Okparajiego, IM, Iheagwam, CN and Ezeh, IO. (2012). Comparism of different methods of isolation of pure cultures of *Haemonchus contortus*. *Journal of Veterinary and Applied Sciences* 2(1), 31-35
12. Ezeibe, MCO, Dire, CD, Anosa, GN, Chikelu, ON, Okoroafor, ON, Okorie, OK, Ngene, AA, **Idika, IK**, Ogunniran, TM and Ezeala, IE. (2012) Efficacy of piperzine citrate, stabilized with Aluminium-Magnesium Silicate, against *Helignosomoides bakeri*. *Health* 4 (10), 890-892
13. **Idika, IK**, Chiejina SN, Mhomga LI, Nnadi PA and Ngongeh LA. (2012) Correlates of resistance to gastrointestinal nematode infection in Nigerian West African dwarf sheep. *Asian Pacific journal of Tropical Medicine*. 529-532
14. Mhomga, LI, Nnadi, PA, Chiejina, SN, **Idika IK** and Ngongeh, LA. (2012). Effects of dietary protein supplementation on the performance of West African dwarf (WAD) goats infected with *Haemonchus contortus* and *Trichostrongylus colubriformis*. *Turkish Journal of Veterinary and Animal Science* 36(6): 668-675
15. **Idika, IK**, Iheagwam, CN, Ezemonye, CN and Nwosu, CO. (2012) Gastrointestinal nematodes and body condition scores of goats slaughtered in Nsukka, Nigeria. *Nigerian Veterinary Journal* 33 (1), 440 - 447
16. **Idika, IK**, Okonkwo, EA, Onah, DN, Ezeh, IO, Iheagwam, CN and Nwosu, CO. (2012). Efficacy of Levamisole and Ivermectin in the control of Bovine Parasitic gastro-enteritis in the sub-humid Savanna zone of southeastern Nigeria. *Parasitology Research* 111, 1683–1687
17. **Idika, IK**, Chiejina SN, Mhomga LI, Nnadi PA and Ngongeh LA. (2012). Changes in the body condition scores of Nigerian West African Dwarf sheep experimentally infected with mixed infections of *Haemonchus contortus* and *Trichostrongylus colubriformis*. *Veterinary Parasitology* 188 (1-2), 99- 103
18. **Idika, IK**, Chiejina SN, Mhomga LI, Ngongeh LA and Nnadi PA. (2012). Responses of the Humid Zone Ecotype of the Nigerian West African Dwarf Sheep to Mixed Infections with

- Haemonchus contortus and Trichostrongylus colubriformis. *Parasitology Research*. 110, 2521-2527.
19. Mhomga LI, Nnadi PA, Chiejina SN, Idika IK and Ngongeh, LA (2012). Effect of protein supplementation on weight gain and dressing percentage of West African Dwarf goats experimentally infected with *Haemonchus contortus* and *Trichostrongylus colubriformis*. *Global Advanced Research Journal of Agricultural Science* 1(9) 279-287
  20. Ezeibe MC, Chima UM, Ngene AA, Okoroafor ON, **Idika IK** and Esen ME (2012). Effective treatment of resistant *Escherichia coli* infection, with sulphadimidine stabilized in a synthetic Aluminium-Magnesium Silicate. *Health* 4 (12), 1295 - 1298
  21. **Idika, IK**. Onyenwe, IW, Wosu, MI. and Onah DN. (2011). The effect of crude oil on the pre-parasitic stages of trichostrongylid nematodes of small ruminants. *Nigerian Journal of Experimental Applied Biology*. 12 (1), 153 – 158.
  22. Igwebuike, UM, Ochiogu, IS, Ihedinihu BC, Ikokide JE and **Idika IK**. (2011). The Effects of oral administration of Monosodium glutamate (MSG) on the testicular morphology and cauda epididymal sperm reserves of young and adult male rats. *Veterinarski Arhiv* 81 (4), 525 – 534.
  23. Ihedioha JI, **Idika Ik**, Ogamba GN and Akam CJ. (2008). Changes in the Haematological values of avian blood samples stored at various temperatures for a period of up to 72 hours. *Journal of Comparative Clinical Pathology* 17: 73-75.

#### **PUBLICATIONS IN CONFERENCE BOOK OF PROCEEDINGS**

1. Ngongeh LA, Iheagwam CN, **Idika IK**, Mhomga LI and Fakae BB. Influence of experimental *Heligmosomoides bakeri* and *Trypanosoma brucei* infections on water consumption and some of the responses of outbred albino mice and the survivability and performance of their pre-weaned offspring. *Proceedings of 46<sup>th</sup> annual congress of the Nigerian Veterinary Medical Association*, 46-51. (2009).
2. Ihedioha J I and **Idika I K**. Haematological abnormalities associated with contamination of drinking water with low sub-lethal concentrations of inorganic fertilizers. *Proceedings of 32nd annual conference of the Nigerian society for Animal Production*, 27-30. (2007).
3. Ihedioha J I and **Idika I K**. Contamination of drinking water with low sub-lethal levels of inorganic fertilizers: Effects on body weight gain, feed & water consumption and relative organ weight percentage. *Proceedings of 32nd annual conference of the Nigerian society for Animal Production*, 31-35. (2007)
4. Ihedioha J I and **Idika I K**. Blood biochemical abnormalities associated with sub-chronic

contamination of drinking water with low sub-lethal concentrations of Inorganic fertilizer. *Proceedings of 44<sup>th</sup> annual congress of the Nigerian Veterinary Medical Association*, 202-209. (2007)

**ATTENDANCE AT CONFERENCES/WORKSHOPS (Starting with the most recent)**

CONFERENCE	PAPER READ
1. 25 <sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology, Liverpool, UK 16-20 August, 2015	Efficacy of Albendazole against ancylostomosis in Nigerian local breed of dogs
2. 5 <sup>th</sup> World Gene Convention- 2014, Haikou, China, 13 – 16 November, 2014	Responses of the Humid zone ecotype of the Nigerian West African Dwarf Sheep to mixed infections with <i>Haemonchus contortus</i> and <i>Trichostrongylus colubriformis</i> : A prospect towards breeding for Genetic resistance
3. 50 <sup>th</sup> Annual congress of the Veterinary Medical Association, Abuja 2013	Responses of the West African Dwarf Goat to Different Isolates of <i>Haemonchus contortus</i> .
4. 48 <sup>th</sup> Annual congress of the Veterinary Medical Association, Ilorin, 2011	Evaluation of anaemia in nigerian goats using famacha <sup>®</sup> eye colour chart.
5. 47 <sup>th</sup> Annual congress of the Veterinary Medical Association, Makurdi 2010	Phenotypic markers and correlates of resistance to gastrointestinal nematode infection in Nigerian West African Dwarf sheep

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6. 34<sup>th</sup> Annual Conference of the Parasitology and Public Health Society of Nigeria (FUTO,2010) Effect of crude oil on the pre-parasitic stages of trichostrongylid nematodes
  
  7. 46<sup>th</sup> Annual congress of the Veterinary Medical Association, Awka 2009 Influence of experimental *Heligmosomoides bakeri* and *Trypanosoma brucei* infections on water consumption and some of the responses of outbred albino mice and the survivability and performance of their pre-weaned offspring
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