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Education

- 1996 – 2000, BSc Biological Sciences, University of Abuja, Nigeria (Second Class Upper Division).
- 2003 – 2004, MSc Instrumental Analytical Sciences (Environmental Analysis), The Robert Gordon University, Aberdeen (Distinction).
- 2012 - 2015 MSc Biodiversity, Wildlife management and Ecosystem Health, University of Edinburgh
- 2006- 2010, PhD Entomology (Insect Behaviour and Chemical Ecology), University of Pretoria, South Africa.

Career/Working Experience

- February 2004 –September 2004 MSc Research Student, Analytical Research Services, Aquatic Environment Programme, FRS Marine Laboratory, Aberdeen, UK
- December 2004 – May 2005 Biology Tutor, Shehu Idris School of Health Technology, Kaduna Nigeria
- June 2005 – July 2006 Assistant Lecturer, Department of Biological Sciences, Kaduna State University, Nigeria
- August 2006 – October 2010 Lecturer I, Department of Biological Sciences, Ahmadu Bello University, Nigeria
- September 2006 – February 2010 PhD scholar in Behavioural and Chemical Ecology Department (BCED)/Environmental Health Division, ICIPE, Nairobi, Kenya
- November 2010-November 2015: Post-Doctoral Fellow, Social Insects Research Group, Department of Zoology and Entomology, University of Pretoria, South Africa.
- December 2015-September 2016: Research fellow, Department of Zoology and Entomology, University of Pretoria.
- August 2016 – February 2018: Georg Foster Experienced Research Fellow, Molecular Ecology Research Group, Martin Luther University, Halle-Wittenberg, Germany.
- January 2018- Date. Senior Lecturer in Entomology, Department of Zoology, University of Pretoria, South Africa.

Research Fields Insect behaviour and chemical communication, evolution of eusociality, population genetics, insect conservation and edible insects.

Awards

- 2003-2004, OSS MSc Petroleum Technology Development Fund Nigeria
- 2006-2010, DAAD Germany in-country scholarship, icipe, Kenya

- 2010-2011, University of Pretoria Post-Doctoral Fellowship
- 2012-2014, NRF-DST Innovation Post-Doctoral Fellowship
- 2012-2015, Commonwealth Distance Learning MSc Fellowship
- 2014-2018, NRF-DST Research Career Advancement Fellowship
- 2016-2018, Georg Foster Experienced Research Fellowship, Alexander von Humboldt Foundation
- July to Dec 2019- Tandem Research fellowship, Alexander von Humboldt Foundation

Training of early career researchers

- 2013-2020, 5 Post-Doctoral fellows (Dr Ola Okosun, Dr Sandra Mustafa, Dr Mazi Sanda, Dr Jarkko Rutto, Dr Ezette du Rand)
- 2013-2020 Supervision/co-supervision 12 PhD students (5 completed, 9 ongoing)
- 2013-2019 >20 BSc (hons) and 4 MScs-all completed

Key third party funded projects

- 2012-2014 NRF-DST Innovation Post Doc N0 80413
- 2014-2018 NRF-DST Research Career Award, No 91419
- 2015-2016 NRF-KIC Knowledge interchange No 98495
- 2016-2018 George Foster Research Fellowship
- 2016-2018 Thuthuka Rating Track No 99286
- 2017-2021 NRF-IPRR Y rated No 109380
- 2018-2019 Humboldt Return Fellowship 1164298
- 2019-2021 NRF Development Grant for Y-rated
- 2019-2021 Humboldt Alumni networking award
- 2019 Humboldt Tandem Research fellowship

Publications

I have authored/co-authored about 37 peer-reviewed articles, 2 book chapters, and participated in more than 20 international conferences and meetings.

Below are some selected publications that indicate my research interests

1. Abdelmutalab G. A. Azrag, Abdullahi A. Yusuf, Christian W. W. Pirk, Saliou Niassy, Ephantus Guandarua, Guillaume David & Régis Babin (2020) Modelling the effect of temperature on the biology and demographic parameters of the African coffee white stem borer, *Monochamus leuconotus* (Pascoe) (Coleoptera: Cerambycidae), *Journal of Thermal Biology*, 89, 102534
<https://doi.org/10.1016/j.jtherbio.2020.102534>
2. Fiona N. Mumoki, **Abdullahi A. Yusuf**, Christian W. W. Pirk & Robin M. Crewe (2019), Hydroxylation patterns associated with pheromone synthesis and composition in two honey bee subspecies *Apis mellifera scutellata* and *A. m. capensis* laying workers, *Insect Biochemistry and Molecular Biology*
DOI:10.1016/j.ibmb.2019.103230
3. Olabimpe Y. O., David P. T., **Abdullahi A. Y.**, Christian W. W. P., Daniel K. M., Rajinder K. S., & Baldwin T. (2019), Zebra skin odour repels the savannah tsetse fly, *Glossina pallidipes* (Diptera: Glossinidae), *Plos Neglected Tropical Diseases*, 13(6): e0007460. <https://doi.org/10.1371/journal.pntd.0007460>.
4. Njelembo J. Mbewe, Rajinder K. Saini, Janet Irungu, **Abdullahi A. Yusuf**, Christian W. W. Pirk & Baldwin Torto (2019), Responses of *Glossina fuscipes* fuscipes to visually attractive stationary devices baited with 4-methylguaiaicol and certain repellent compounds in waterbuck odour, *Plos Neglected Tropical Diseases*, 13(7): e0007510. <https://doi.org/10.1371/journal.pntd.0007510>.
5. Okosun, O. O., **Yusuf, A. A.**, Crewe, R. M., & Pirk, C. W.W. (2019), Tergal gland components of reproductively dominant honey bee workers have both primer and releaser effects on subordinate workers, *Apidologie*, 50 (2), 173-182.

6. **Abdullahi A. Yusuf**, Robin. M. Crewe & Christian W. W. Pirk (2018), Turning workers into false queens- the role of exogenous pheromones in regulating reproduction in worker honey bees, *Journal of Experimental Biology*, DOI: 10.1242/jeb.175505.
7. Antje Jarosch-Perlow, **Abdullahi A. Yusuf**, Christian W.W. Pirk, Robin M. Crewe & Robin F. A. Moritz (2018), Control of mandibular gland pheromone synthesis by alternative splicing of the CP-2 transcription factor gemini in honey bees (*Apis mellifera carnica*), *Apidologie*, (DOI: 10.1007/s13592-018-0571-5).
8. Fiona Mumoki, Christian Pirk, **Abdullahi Yusuf**, & Robin Crewe (2018) Reproductive parasitism by worker honey bees suppressed by queens through regulation of worker mandibular secretions. *Scientific Reports*, DOI: 10.1038/s41598-018-26060-w
9. N. N. Ndungu, N. Kiatoko, D. K. Masiga, S. K. Raina, C.WW. Pirk, & **A. A. Yusuf** (2018), Compounds extracted from heads of African stingless bees (Hypotrigona species) as a prospective taxonomic tool, *Chemoecology*, 28: 51-60, (DOI:10.1007/s00049-018-0256-6).
10. Okosun, O.O., Pirk, C.W.W., Crewe, R.M. & **Yusuf, A.A** (2017), Glandular sources of pheromones used to control host workers (*Apis mellifera scutellata*) by socially parasitic workers of *Apis mellifera capensis*, *Journal of Insect Physiology*, 102: 42-49 (DOI: <http://dx.doi.org/10.1016/j.jinsphys.2017.09.001>).
11. Fabien Démares, **Abdullahi A. Yusuf**, Susan W. Nicolson & Christian, W.W. Pirk (2017). Effect of Brood pheromone on Survival and Nutrient intake of African Honey Bees (*Apis mellifera scutellata*) under Controlled Conditions, *Journal of Chemical Ecology*, 43: 443-450 (DOI: DOI 10.1007/s10886-017-0840-1).
12. **Abdullahi A. Yusuf**, Christian W. W. Pirk, & Robin. M. Crewe, (2015). Mandibular gland pheromones from queens and workers of *Apis mellifera adansonii* (Latr.), *Apidologie*, 46 (5): 559-572.
13. **Abdullahi A. Yusuf**, Robin. M. Crewe, & Christian W. W. Pirk (2014). Olfactory detection of prey by the termite raiding ant *Pachycondyla analis*, *Journal of Insect Science* 14: 53 DOI: 10.1093/jis/14.1.53.
14. **Abdullahi A. Yusuf**, Christian. W. W. Pirk, Robin. M. Crewe, Peter. G. N. Njagi, Ian Gordon & Baldwyn Torto, (2010). Nestmate recognition and the role of cuticular hydrocarbons in the African termite raiding ant *Pachycondyla analis*. *Journal of Chemical Ecology*, 36: 441-448. DOI 10.1007/s10886-010-9774-6
15. Lynda Webster, Pam Walsham, **Abdullahi A. Yusuf**, Sarah Richards, Steve Hay, Mike Heath & Collin Moffat (2006). Development and application of an analytical method for the determination of storage lipids, fatty acids and fatty alcohols in *Calanus finmarchicus*, *Journal of Separation Science*, 29(9): 1205 – 1216. DOI: 10.1002/jssc.200500378.

I also serve on the Editorial board of the International Journal of Tropical Insect Science (<https://www.springer.com/journal/42690>) and as a reviewer for more than 25 journals and different funding agencies like DAAD, NRF, and Alexander van Humboldt Foundation. I also had examined MSc and PhD thesis for local and international universities.

Research gate https://www.researchgate.net/profile/Abdullahi_Yusuf2

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Google Scholar <https://scholar.google.co.za/citations?user=20aPHkwAAAJ&hl=en>