Curriculum Vitae

BACKGROUND INFORMATION

NAME	Jenipher Akinyi Odak
DATE AND PLACE OF BIRTH	8th August 1968; Siaya County, Kenya
MARITAL STATUS	Married
PRESENT ADDRESS	P.O. Box 138, Bondo
	Mobile: +254722562460
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EDUCATION

Doctor of Philosophy (Chemistry)	Maseno University (2011 - 2016)
Master of Science (Chemistry)	Maseno University (2006 - 2010)
Bachelor of Science (Education)	Kenyatta University (Upper Second Class Honours) (1998 - 2002)
Diploma in Education (Science)	Kenya Science Teachers College (First Class Honours) (1991 - 1993)
Kenya Advanced Certificate of Educ.	Ngiya Girls High School (1887 - 1988)
Kenya Certificate of Sec. Educ.	Nyakongo Girls Secondary School (1983 - 1986)
Kenya Certificate of Primary Educ.	Nyamasore Primary School (1976 - 1982)

WORK EXPERIENCE

Lecturer of Organic Chemistry at the Department of Chemistry, Maseno University

Previously worked as a Part time Lecturer at both Maseno University and Tom Mboya University College. Courses taught; mostly Organic Chemistry, in addition to Physical and Inorganic Chemistry.

RESEARCH EXPERIENCE/FELLOWSHIP

Recently (03/01/2019) won the competitive BioInnovate (Bio-resources Innovations Network for Eastern Africa Development) Africa Fellowship for Women Scientists; to analyze the effect of extrusion conditions on the levels of polyphenols and their antioxidant activities in both millet and sorghum varieties in the project; "Unlocking the commercial potential of new sorghum and millet products for improved nutrition and socio-economic gains in Eastern Africa" at Makerere University, Uganda.

RESEARCH FUNDS/AWARDS

The International Foundations for Science (IFS) funded my research, **"**Mites infestations and overhead volatile organic compounds composition of Kenyan tea in relation to varieties, seasons, region of production and some agronomic inputs".

LOCAL AND INTERNATIONAL CONFERENCES/SEMINARS

- Workshop on at Maseno University, Maseno, Kenya on 20th June 2016Dissemination of Research Findings
- Author Workshop facilitated by Springer at Maseno University, Maseno, Kenya on 3rd June 2013
- GC-MS Workshop, at Jomo Kenyatta University of Agriculture and Technology Nairobi, Kenya on 22nd - 26th August 2011
- 14th Natural Products Research for Eastern and Central Africa (NAPRECA) *Symposium* at ICIPE (Kasarani) Nairobi, Kenya on 8th-12th August 2011
- 14th Natural Products Research for Eastern and Central Africa (NAPRECA) Training Workshop on Spectroscopy and Bioassay Techniques at Chiromo Campus Nairobi, Kenya on 1st - 5th August 2011
- Training on Experimental Design and Data Analysis at Entebbe, Uganda on 23rd - 27th August 2010

MEMBERSHIP

A member of the Kenya Chemical Society (KCS)

P.T.O

PAPERS PRESENTED AT THE WORKSHOP/SYMPOSIUM

- Relationship Between Mites Infestation Levels In Kenyan Tea to Overhead Volatile Organic Compounds and their Variations with Selected Agronomic Parameters. Workshop on Dissemination of Research Findings at Maseno University, (Siriba) Maseno, Kenya on 20th June 2016
- Phytochemical evaluation of *Elaeodendron buchananii* stems bark for antimicrobial activities. *Proceedings of the 14th Symposium of the Natural Product Research Network for Eastern and Central Africa* (*NAPRECA*) at ICIPE (Kasarani) Nairobi, Kenya on 8th - 12th August 2011. **Extended Book of Abstract** pp. **253 – 258.**

PUBLICATIONS

- Odak, J.A; Mang'uro, L.O.A; Wong K.C (2018). New compounds with antimicrobial activities from *Elaeodendron buchananii* stem bark. *Journal of Asian Natural products Research* 20 (6):1-15.

- Odak, J.A; Owuor, P.O; Mang'uro, L.O.A; Cheramgoi, E; Wachira, F.N (2017). Effects of nitrogen fertilization on red spider mite *Oligonychus coffeae* Nietner and overhead volatile organic compounds in tea *Camellia sinensis*. *International Journal of Tea Science* Vol. 13 (1&2): 52-59.

- Odak, J.A; Owuor, P.O; Mang'uro, L.O.A; Cheramgoi, E; Wachira, F.N (2016). Evaluation of tea clones for resistance/tolerance to mites infestations and the influence of environmental factors on mites dynamics in Kenyan tea farms. *International Journal of Tea Science* Vol. 12 (1): 6-15.

- Odak, J.A; Owuor, P.O; Mang'uro, L.O.A; Cheramgoi, E; Wachira, F.N (2016). Variability of overhead volatile organic compounds in clonal tea (*Camellia sinensis*) and their influence on red crevice mite (*Brevipalpus phoenicis* Geijskes) infestations. *International Journal of Tea Science* Vol. 12 (2): 16-29.

MANUSCRIPTS IN PREPARATION

- Odak, J.A; Owuor, P.O; Mang'uro, L.O.A; Cheramgoi, E; Wachira, F.N. Effect of various classes of overhead volatile organic compounds from tea, *Camellia sinensis* on red spider, *Oligonychus coffeae* Nietner and red crevice, *Brevipalpus phoenicis* Geijskes mites.

- Odak, J.A; Byaruhanga, Y. Effect of extrusion conditions on sorghum and finger millet phenolics and their antioxidant activities.

REFEREES

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