



CALL FOR APPLICATIONS
FOR 3-YEAR DOCTORAL
TRAINING IN INSECT
SCIENCES (2009)



icipe - African Insect Science for Food and Health in partnership with African University partners calls for applications for doctoral research fellowships under the African Regional Postgraduate Programme in Insect Sciences (ARPPIS).

icipe was established in 1970 with a mandate is to conduct research and develop methods that are effective and affordable to rural and urban communities. *icipe*'s role further extends to the conservation and utilisation of the rich insect biodiversity found in Africa.

icipe considers capacity building of individual researchers and institutions in Africa an integral part of all its research and development activities. The ARPPIS programme offers 3-year doctoral research fellowships, aimed at preparing young scholars from Africa for regional leadership roles, as well as internationally competitive research careers, in arthropod-related sciences.

Doctoral fellowship awards will be available for successful applicants in the following proposed research topics:

1. Population biology and molecular genetics of vectorial capacity in *Anopheles gambiae*: targeting reproductive behaviour for vector eradication interventions
2. Semiochemicals mediating host preference in selected *Aedes* species, vectors of Rift valley fever and Chikungunya
3. Evaluation of the potential of the weaver ant *Oecophylla longinoda* in the management of mirid and coreid pests in cashew in Tanzania
4. The study of the chemistry of *Desmodium* spp root exudates and their biological activity against parasitic plants
5. Host seeking behaviour and attraction in the cashew mired *Helopeltis* sp
6. Comparative investigation of natural silks native to East Africa (in collaboration with the University of Oxford)

These fellowships are expected to run from 2009 to 2012 and are tenable at *icipe*. The successful candidates selected out of a competitive process throughout Africa will begin their training in September 2009 or soon there-after.

Qualifications:

1. BSc and MSc degrees with a minimum award of upper 2nd class degree or equivalent
2. Should be nationals of African countries

3. Maximum age of 36 years at the time of application
4. Eligible for registration in one of the ARPPIS member universities (visit the *icipe* website: www.icipe.org or ARPPIS website: <http://arppis.icipe.org> for a comprehensive list of ARPPIS member universities)

Application Criteria:

Interested applicants are required to submit the following documents:

1. Completed application form, including the title of the proposed research work to be undertaken during the PhD programme. The form is available at http://arppis.icipe.org/application_2009. Copies of this form may be mailed to you on request to the email or postal address provided below
2. Current Curriculum Vitae
3. Certified copies of academic certificates and transcripts of degree courses taken
4. Recommendation letters from at least two (2) academic and/or professional referees
5. Letter of nomination for training by the employer (if employed)

Duly completed application forms and supporting documents should be submitted to:

By E-mail: arppis2009@icipe.org

By post/courier: The Network Coordinator, ARPPIS
c/o *icipe* – African Insect Science for Food and Health
Duduville Headquarters, Kasarani, off Thika Road
P.O. Box 30772
00100 GPO
NAIROBI
Kenya
Tel: +254 20 8632000

Applications must reach the above mentioned by **Tuesday 30th June 2009**. Applications received after this date will not be considered. Female candidates are strongly encouraged to apply.