5th February 2020

Updates from the Pan African Mosquito Control Association

• 15th Annual Vector Control Working Group Meeting
Who we are and where we are
PAMCA’s mission and strategic goals

• Mission: To provide a platform for African scientists, public health professionals and other stakeholders to drive efforts towards control and elimination of vector-borne diseases

• Strategic goals:
  • Capacity Building
  • Collaboration and Partnership
  • Knowledge Management
  • Strengthening PAMCA’s governance structures
PAMCA regional hubs and chapters

- 9 registered country chapters
  - Burkina Faso
  - Cameroon
  - Ghana
  - Kenya
  - Mali
  - Nigeria
  - South Africa
  - Tanzania
  - Zimbabwe

- >250 active members:
  - Academia
  - Implementers
  - Private sector
  - NGO
Entomology capacity in Africa

2017 Survey:
- 215 PhD
- 243 MSc
- 173 BSc
- 468 students
- 490 assistants
- 89 Institutions
Partners
On-going projects
Into the wild: new models for community engagement

• Aim: To develop and test criteria for community engagement with novel vector control interventions, specifically those that involve mosquito releases
Gene drive courses

• **Aim:** This short training course is designed to provide the basic technical understanding of gene drive and will also cover public acceptance, regulatory issues and ecological concerns.

• To equip Scientists and public health decision makers in the continent with the broad theoretical and practical skills to raise awareness and advance discussion on the topic.

• Running for 3 consecutive years

• Over 75 professionals trained
Strengthening vector surveillance systems and addressing Anopheles mosquito genomic data gaps in Africa
Strengthening local entomology capacity for malaria surveillance and elimination

• Detailed appraisal of vector control implementation and surveillance structures, stakeholders involved and local entomology capacity in target countries
• Improving training, capacity, mentorship, and collaboration for medical entomologists in Africa
• Establish best practices in vector surveillance and sustained collaboration agreements between NMCPs/MoHs and local research institutions
Technical support to NMCPs

- LSM in Ghana, Uganda, Rwanda, Tanzania and Zanzibar
- Insecticide resistance management
- Vector Surveillance
- Data management
Women in Vector Control

Mapping medical entomologists and institutional capacity for VBD research & implementation in Africa

394 medical entomologists
- 72% male
- 28% female

Feb 2018

Sep 2018
Vic Falls

Sep 2019 Yaoundé
WIVC Program outlook

Mentorship
- Develop a structured and robust mentorship programme targeting WIVC

Capacity Building
- Leadership Training
- Proposal and Manuscript writing workshop
- Specialized skilled based courses

Collaboration and Networking
- Expertise database
- Communication network/forum
- PAMCA chapter WIVC forums
- WIVC visibility
- Gender Policy
- Career Progression

Expected Outcomes
- A dedicated network of Africa WIVC
- A career pathway on early career WIVC
- A pool of WIVC trained on leadership and writing skills
- Enhanced participation of women at PAMCA conferences/activities
- Increased visibility of WIVC

Implementors
- PAMCA central
- PAMCA chapter
- Partners

Resources
- Online communication platform
- Monitoring and evaluation
- Country Chapters
- Human resource
- Funding
Annual meetings: Kenya, Tanzania, Nigeria, Burkina Faso, Zimbabwe, Cameroon

Cameroon: 400 participants, 34 Countries
Future focus
PAMCA outlook in the coming 3-5 years

- Strengthening entomology capacity in Africa
- Building and formalizing relationships with NMCPs
- Strengthening vector surveillance in Africa
- Strengthening strategic collaborations (local communities, WHO-AFRO, AU, ALMA, Africa CDC, AMCA, NGOs, Private sector, etc.)
- Women in vector control
- Support system for early career entomologists
- Focus on Arboviruses and other VBDs
SAVE THE DATE

7th PAMCA Annual Conference & Exhibition

21-23 September, 2020

Accra, Ghana

Movenpick Hotel, comms@pamca.org