



CARTA Cohort 6 fellows Mary Njue (left) and Nomfundo Moroe (right) shortly after Ms. Moroe won an award for best abstract at AESA DELTAS Meeting in Accra, Ghana in July 2017. PHOTO/EKILONZO

ABOUT CARTA

The Consortium for Advanced Research Training in Africa (CARTA) is a collaboration jointly led by the **African Population and Health Research Center (APHRC)**, Kenya, and the **University of the Witwatersrand (Wits)**, South Africa.

CARTA was formed to support the development of a vibrant African academy able to lead world-class multidisciplinary research that impacts positively on public and population health.

CARTA enhances the capacity of African universities to create sustainable multidisciplinary research hubs by supporting junior faculty members to undertake their doctoral training locally and to become internationally recognized research leaders. **CARTA** strengthens university-wide systems to support research.

CARTA PARTNERS

African Universities & Research Centers

- African Population and Health Research Center, Kenya
- University of the Witwatersrand, South Africa
- Makerere University, Uganda
- Moi University, Kenya
- Obafemi Awolowo University, Nigeria
- University of Benin, Benin City, Nigeria
- University of Ibadan, Nigeria
- University of Malawi, Malawi
- University of Nairobi, Kenya
- University of Rwanda, Rwanda
- Agincourt MRC, South Africa
- Ifakara Health Institute, Tanzania
- INDEPTH Network, Ghana
- KEMRI-Wellcome Trust Research Programme, Kenya

Other Collaborators

- ESE:O, Chile



CARTA Cohort 5 fellows attending JAS 1 in Nairobi, Kenya in 2015.

Northern Partner Institutions

- Brown University, USA
- Canadian Coalition for Global Health Research, Canada
- Swiss Tropical and Public Health Institute, Switzerland
- Umeå University, Sweden
- Uppsala Monitoring Center, Sweden
- University of Gothenburg, Sweden
- University of Warwick, United Kingdom

CARTA DOCTORAL PROGRAM

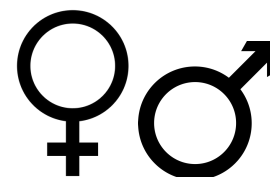
Distribution of CARTA fellowships and location of PhD registration by institution

Institutions	Number of CARTA awards	Location of PhD registration
University of Ibadan	24	20
Obafemi Awolowo University	19	17
Makerere University	17	18
University of the Witswatersrand	20	48
University of Nairobi	17	22
Moi University	15	10
University of Malawi	23	16
University of Dar Es Salaam	6	10
University of Rwanda	12	4
APHRC	5	-
MRC Agincourt	1	-
Ifakara Health Institute	6	-
Total	165	165

Progress of CARTA fellows in the different cohorts

	C1 (2011)	C2 (2012)	C3 (2013)	C4 (2014)	C5 (2015)	C6 (2016)	C7 (2017)	Total
Completed	15	11	12	3	-	-	-	41
Submitted thesis	5	4	1	-	-	-	-	10
Data analysis	-	4	9	24	22	-	-	59
Data collection	-	-	-	-	-	13	-	13
Ethical approval	-	-	-	-	2	7	-	9
Protocol dev.	-	-	-	-	1	5	27	33
Total	20	19	22	27	25	25	27	165
% Throughput	75	58	55	11	0	0	0	25

GENDER DISTRIBUTION OF FELLOWS ACROSS ALL 7 COHORTS



52 % 48 %



FELLOWS HAVE PUBLISHED

531

PEER REVIEWED ARTICLES AS OF JUNE 2017



\$5 153 527

IS THE TOTAL AMOUNT OF EXTERNAL GRANTS RAISED BY FELLOWS AS OF JUNE 2017



Joint Advanced Seminars

Central to the training of fellows is a series of residential Joint Advanced Seminars (JAS).

The seminars are designed to enhance the fellows' skills and knowledge, guide them through the research process, and provide a foundation for building networks of researchers, peers, and mentors.

CARTA has held 21 one-month long Joint Advanced Seminars (JASes) for the 7 cohorts of fellows.



Fellows participating in the Joint Advanced Seminars at Makerere University in Kampala, Uganda February - March 2017.

CARTA ACHIEVEMENTS

165
ACTIVE FELLOWS AND GRADUATES



41
FELLOWS HAVE COMPLETED THEIR DOCTORAL STUDIES



23 of the 41
HAVE COMMENCED POST-DOCTORAL TRAINING



Over 600
RESEARCHERS IN AFRICA AND BEYOND HAVE NETWORKED THROUGH CARTA

Events

Universities/Institutions	Number of CARTA events hosted	Type of CARTA event hosted
University of Ibadan	7	JAS 3, CRDM
Obafemi Awolowo University	-	-
Makerere University	5	JAS1, JAS4, PAF, BoM, FAS
University of the Witwatersrand	22	JAS2, SW, CRDM, PAF, BoM
University of Nairobi	2	FAS, VC's meeting
Moi University	3	PAF, BoM
University of Malawi	3	PAF, BoM, WR
University of Dar Es Salaam	1	JAS1 and JAS4
University of Rwanda	1	FAS
APHRC	24	JAS1, JAS4, CRDM, GW
Ifakara Health Institute	2	JAS1
KEMRI-Wellcome Trust	2	Field visit
University of Gothenburg	1	CRDM
University of Warwick, UK	1	CRDM
Total	74	

KEY: JAS - Joint Advanced Seminar ; GW - Grant Writing workshop; FAS - Faculty & Admin Staff workshop; CRDM - Curriculum Review Development Meeting; PAF - Partners Forum; BoM - Board of Management meeting; VCs' - Vice Chancellors' meeting; SW - Supervisor's Workshop; WR - Writing Retreat.

Post-doctoral training

Home Institutions	Gender	Completed doctoral training	Attended graduate workshop	Received Postdoc and/or reentry grant	Attended supervisor training workshop
University of Ibadan	Male	4	2	3	2
	Female	3	-	-	-
Obafemi Awolowo University	Male	5	5	4	1
	Female	3	2	2	-
Makerere University	Male	3	2	2	2
	Female	1	-	-	-
University of the Witwatersrand	Male	1	1	-	-
	Female	1	1	1	-
University of Nairobi	Male	1	-	-	-
	Female	2	1	-	-
Moi University	Male	1	-	1	-
	Female	3	1	1	1
University of Malawi	Male	7	5	3	4
	Female	2	1	1	1
University of Dar Es Salaam /Ifakara Health Institute	Male	2	-	-	-
	Female	-	-	-	-
University of Rwanda	Male	2	2	1	-
	Female	-	-	-	-
Total		41	23	19	11

NOTE: A total of 19 fellows have received either a post doc or a re-entry grant and at least 6 of them have received a combination of both.

After Fellows' Graduation

7 CARTA fellows won funded post-doc not awarded by CARTA, 9 re-entry grants, and organised two proposal development workshops.

Facilitators

Over 90 facilitators from 22 institutions in Africa, Europe, Australia, North America and South America are involved in CARTA training.

Supervisors Training

CARTA has convened workshops with 140 PhD thesis supervisors on various supervision skills.

NOTABLE ACHIEVEMENTS BY SELECTED FELLOWS



FLAVIA KIWEEWA

Flavia Kiweewa is a cohort 4 fellow from Makerere University who is conducting a study to evaluate the **combined effect of hormonal contraception and anti-retroviral therapy on bone health in young women in Uganda**. Flavia has raised over \$2.5 million in research grants. One of the grants was from the US National Institutes of Health (NIH) worth \$625,000. Her research has resulted in the development of an innovative vaginal ring to help prevent HIV. Her work has been featured in local and international media.

NICOLE DE WET

Nicole de Wet is a cohort 1 fellow from University of the Witwatersrand and graduated in 2013. In 2016 she won the distinguished young scientist award in South Africa. Her PhD was on **identifying risk factors that compromise adolescent survival**. Nicole has published 12 articles in internationally recognized journals, written four book chapters and made 29 presentations on her research. She also serves as a peer-reviewer for eight journals and is a holder of several research grants. She is currently the Co-ordinator of the Demography and Population Studies programme at the University of the Witwatersrand.



JOSHUA AKINYEMI

Joshua Akinyemi is a cohort 1 fellow from the University of Ibadan, who graduated in 2014. His PhD research was on **Levels, Trends and Differentials of Infant and Child Mortality in Nigeria: 1990 - 2008**. Joshua has published 39 articles in peer-reviewed journals. He has made presentations in international conferences including two at the Population Association of America Annual meeting. He is currently a lecturer at the University of Ibadan.



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