

## Multidisciplinary Research Teams 2017

Principal Investigators	Project Title	Discipline	Grant (Kshs.)
1. Dr. Catherine W. Muui	Development of Seed Multiplication System and Industry Network of Low Soil Fertility and Drought Tolerant Genotypes of Sorghum as a Strategy to Combat Food Insecurity, Poverty and Climate Change in Marginalized Zones, Kenya	Agricultural Science & Technology	19,783,932
2. Dr. Steven Runo	Interdisciplinary Striga Management Approaches (ISMA).	Biochemistry & Biotechnology	13,228,000
3. Dr. Maina Mwangi	Enhancing Agri-Business, Livelihoods and Environment through Better Management of Major Pests and Diseases of Horticultural Crops in Eastern and Central Kenya (ENABLE-HORT)	Agricultural Science & Technology	15,650,000
4. Dr. Omwoyo Ombori	Participatory Approach in the Production and Acclimatization of Planting Materials and Management of Postharvest Losses of Bananas in Kisii, Nyamira and Embu Counties, Kenya	Plant Sciences	6,850,000
5. Dr. Richard O. Oduor	Determination of Levels of Ionizing Radiation in Human Habitat, Water and Food: A Potential Cause of the Rising Cancer Incidences in Kenya	Biochemistry and Biotechnology	11,623,500
6. Dr. Felix Ming'ate	Establishing Optimal Community Forest Access and Management Units for Enhanced Community Livelihoods	Environmental Studies and	2,498,972

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		and Better Forest Management	Community Development	
7.	Prof. Michael Gicheru	Epidemiology of Leishmaniasis in Western Pokot and Development of Strategies for Effective Disease Control	Zoological Sciences	12,808,727
8.	Dr. Gordon O. Oluoch	Investigation of Platelet Activation in Relation to Procoagulant Biomarkers in HIV Associated Ischaemic Stroke Patients in Kenya	Medical Physiology	8,336,000
9.	Dr. James Nonoh	Human Foot Bacterial Communities Producing Chemical Constituents that Mediate Attraction of Malaria Vector <i>Anopheles gambiae</i> to the Preferred Feeding Site	Microbiology	14,850,000
10.	Dr. Elizaphan Muuro	Enhancing e-learning Using Artificial Intelligence Techniques	Computing and Information Technology	19,275,000
11.	Dr. Mugo Muhia	Hansard Report Production Process in the Devolved Government Structure in Kenya and Its Implication for Democratic Governance	Literature	14,618,000
12.	Prof. Grace Bunyi	Assessment of the Production of Educational Research and Its Utilization for Policy Formulation and Programme Implementation in Kenya	Educational Management	9,897,000
13.		Determination of Levels of Ionizing Radiation in Human	Environmental	19,930,000

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Habitat, Water and Food: A Potential Cause of the Rising  
Cancer Incidences in Kenya and Occupation  
Health

### 5<sup>th</sup> Call Kenya-South Africa Joint Research Programme

14.	Dr. Matthew Piero Ngugi	Proteomics and Contained Laboratory Assessment of Locally Developed Transgenic Drought Tolerant Maize	Biochemistry & Biotechnology	3,000,000
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