

SHORTLISTED MULTIDISCIPLINARY AND MULTI-INSTITUTIONAL PROPOSALS: 2016/2017FY					
S/No	Name	Gender	Affiliation	Discipline	Project Title
1	Prof. Esther Magiri	F	Cooperative University of Kenya	Agriculture Sciences	Evaluation of the suitability of human solid waste from green toilet system as fertilizers for Agricultural use
2	Dr. Monica Mburu	F	Dedan Kimathi University of Technology	Agriculture Sciences	The potential of chia (<i>salvia hispanica l.</i>) Farming in Kenya for improved food security, nutrition and health
3	Dr. Meshak Obonyo	M	Egerton University	Agriculture Sciences	Mitigating the Adverse Health Effects of Aflatoxins by Reducing Human Consumption: A Value
4	Dr. Judith K. Chemulit	F	Egerton University	Agriculture Sciences	Improving productivity and market access for indigenous chicken producers in Western Kenya
5	Dr. Stephen Abwao	M	Egerton University	Agriculture Sciences	Using biotechnology tools to enhance breeding and sustainable use of taro (<i>Colocasia sp</i>); an orphaned but highly promising food and nutritional security crop in Kenya

6	Prof. Josphat Matasyoh	M	Egerton University	Agriculture Sciences	Development of biopesticides from medicinal plants and their microbial endophytes for the control of maize and bean pathogens
7	Dr. Agnes Kavoo	F	JKUAT	Agriculture Sciences	Pathogen diversity, host-plant resistance and disease management strategies of finger millet <i>Magnaporthe oryzae</i> blast in Kenya
8	Dr. Cecilia M Mweu	F	JKUAT	Agriculture Sciences	Collection, conservation and characterization of economically important doum palm: Towards increased food security in Kenya
9	Dr. Gicheha Mathew Gitau	M	JKUAT	Agriculture Sciences	Mass production and utilization of edible insects and cassava meal for feed security and improvement of livelihood for smallholders farmers in Kenya
10	Dr. Beth W. Ndungu	F	KALRO	Agriculture Sciences	Enhancing production, utilization and commercialization of green-shelled beans (<i>Phaseolus vulgaris</i> L.) for improved nutrition and livelihoods in

					Kenya
11	Dr. Christine Ndinya Omboke	F	KALRO	Agriculture Sciences	Promoting African indigenous vegetables and poultry integration improved food security, nutrition and income of small holder farmers in Western Kenya
12	Dr. Benjamin Muli	M	KALRO	Agriculture Sciences	Enhancing Ecologically Resilient Food Security Through Climate Smart Farming Systems in the Semi-Arid Lands of Kenya
13	Dr. Jane Wamaitha Mwathi	F	KALRO	Agriculture Sciences	Use of Genomics and Bioinformatics tools to offer solutions for the menace caused by maize lethal necrosis disease in Africa, a case study of Kenya
14	Dr. Lawrence M. Godia	M	KALRO	Agriculture Sciences	Developing strategies to enhance utilization of the improved <i>Trypanotolerant orma</i> boran cattle breed in Kenya

15	Dr. Muo Kasina	M	KALRO	Agriculture Sciences	Enhancing performance of Macadamia value chain for improved productivity, incomes and employment in Kenya
16	Dr. Stella Makokha	F	KALRO	Agriculture Sciences	Assessing the Efficacy of Genetic Fingerprinting as Tool for Tracking Diffusion and Adoption of Maize Varieties in Kenya
17	Dr. Yatinder Singh Binopal	M	KALRO	Agriculture Sciences	Socio-Economic Study and Development of Rapid Innovative Diagnostic Tests for Economically Important Diseases
18	Eston S. Njeru	M	KALRO	Agriculture Sciences	Enhancing the Contribution of <i>Moringa oleifera</i> (Lamarck) to Soil Health, Climate Resilience and Community Livelihoods in Kenya
19	Finyange Nicodemu Pole	M	KALRO	Agriculture Sciences	Improving Smallholder farmers' income through enhanced productivity, post-harvest technologies, value addition and marketing of mango products in Kwale, Lamu and Tana-river

					counties coastal Kenya
20	Dr. John Ojiem	M	KALRO	Agriculture Sciences	Enhancement of climate smart vegetable production and commercialization in Lake Victoria Region of Kenya
21	Ms Linah Muhonja	F	KALRO	Agriculture Sciences	Productivity of High Value Horticultural Crops through Innovative Technologies in Diverse Agro-Ecological Zones of Kenya for Food Security, Nutrition and Commercialization
22	Dr. Charity Gathambiri	F	KALRO	Agriculture Sciences	Enhancing productivity and commercialization of banana and plantain for food and nutrition security through development and dissemination of technologies

23	Rachel Opole	F	KALRO	Agriculture Sciences	Enhancing finger millet production through access to high quality seed, adequate marketing, and post-harvest processing and utilization among farmers in western Kenya
24	Tony Kipkoech Maritim	M	KALRO	Agriculture Sciences	Evaluation of clonal adaptability trials for cultivar-site matching
25	Dr. Richard C. Muoki	M	KALRO -Tea Research	Agriculture Sciences	Product diversification, value addition and branding of Kenyan tea using Geographical Indicators
26	Ms. Getrude O. Alwora	F	KALRO-CRI	Agriculture Sciences	Development and Promotion of Biological Control Approaches for the Management of Coffee Pests
27	Prof. Gilbert Nduru	M	Karatina University	Agriculture Sciences	Formulation, promotion and curriculum development of value added purple tea production in Kenya
28	Dr. Samwel Mbuku	M	KARLO - Veterinary Research	Agriculture Sciences	Farmers access to improved cattle genetics in Kenya: An accelerated dairy heifers delivery model utilizing reproductive technologies

29	Dr. Joshua M . Njiru	M	KEBS	Agriculture Sciences	Food security and forensics: Development and use of proteomics and DNA-based technologies for the detection of adulterated and counterfeited meat and meat products in Kenya
30	Mr. Michael M. Okeyo	M	KEFRI	Agriculture Sciences	Promotion of <i>terminalia brownii</i> propagation for agroforestry, livelihood improvement and resilience to climate change in the drylands of Kenya
31	Dr. James M Mwaluma	M	KEMFRI	Agriculture Sciences	Design and optimization of marine cage culture systems for rabbitfish (<i>Siganus argenteus</i>) and tilapia (<i>Oreochromis niloticus</i>) in Kwale and Kilifi County (DOCS)
32	Dr. Eng. Calvin Onyango	M	KIRDI	Agriculture Sciences	Upgrading artisanal nyirinyiri processing technologies in N. Kenya to enhance quality, safety and market access

33	Eng. Patrick Kuloba	M	KIRDI	Agriculture Sciences	Production of polyphenol and gamma amino butyric acid enhanced Kenyan made tea for efficacy determination and clinical studies for migration against cancer, diabetes and high blood pressure in Kenya
34	Dr. Abdul Faraj	M	KU	Agriculture Sciences	Improving cowpea productivity and utilization for enhanced food and nutrition security in Eastern Kenya (ICoFONSEC)
35	Dr. Catherine W. Muui	F	KU	Agriculture Sciences	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.
36	Dr. Grace Kamotho	F	KU	Agriculture Sciences	Improving food security by reducing post-harvest losses in maize in lower Eastern Kenya

37	Dr. Jessica Mbaka	F	KU	Agriculture Sciences	Improving tomato productivity through development, validation and dissemination of innovative technologies for management of bacterial wilt, white flies and <i>Tuta absoluta</i>
38	Dr. Steven Runo	M	KU	Agriculture Sciences	Interdisciplinary <i>Striga</i> Management approaches (ISMA)
39	Dr. Maina Mwangi	M	KU	Agriculture Sciences	Enhancing Agri-Business, Livelihoods and Environment Through Better Management of Major Pests and Diseases of Horticultural Crops in Eastern and Central Kenya (ENABLE-HORT)
40	Dr. Omwoyo Ombori	M	KU	Agriculture Sciences	Participatory approach in the production and acclimatization of planting materials and management of postharvest losses of bananas in Kisii, Nyamira and Embu Counties, Kenya
41	Dr. Richard O. Oduor	M	KU	Agriculture Sciences	An integrated Approach to Advanced Research on Locally

					Developed and Safe Genetically Modified Foods
42	Prof. George Odhiambo	M	Maseno University	Agriculture Sciences	Mitigation of Climate Change through Sustainable Integration of Maize Based Agro-Forestry Systems for Food Security and Poverty Reduction in Western
43	Mr. Dominic S. Kiogora	M	Meru University of Science and Technology	Agriculture Sciences	Agronomic trials and microbial investigation on the production and symbiotic potential of lentils (<i>Lens culinaris medikus</i>) on different agroecological zones
44	Prof. Dickson Nyariki	F	Murang'a University of Technology	Agriculture Sciences	Youth empowerment and capacity strengthening for post-secondary training in agriculture, water and environment
45	Dr. Rewe Thomas	M	Pwani University	Agriculture Sciences	Optimizing small-scale biogas technology for household energy and improvement of soil fertility within coffee dairy production systems

46	Prof. Augustino O. Onkware	M	Rongo University	Agriculture Sciences	Sustainable Post-processing Technologies for improved Livelihoods among rural communities in Kerio-Elgeyo Marakwet County, Kenya
47	Dr. Daniel Mutyambai	M	SEKU	Agriculture Sciences	Development of integrated push-pull management strategy for false codling moth for smallholder horticultural farmers
48	Dr. Kenneth Mburu	M	South Eastern University	Agriculture Sciences	The use of tissue culture and recombinant DNA techniques for the development of drought tolerant pigeon peas
49	Prof. Joseph Muluvi	M	South Eastern University	Agriculture Sciences	Development of <i>Moringa</i> for improved health, nutrition and household water purification
50	Dr. Marrienne Mughenda	F	Taita Taveta University	Agriculture Sciences	Assessment of select rice varieties for smallholder farming systems in the wetlands and highlands of Taita-Taveta county

51	Prof. Nancy Budambula	F	University of Embu	Agriculture Sciences	Characterization of <i>Crotalaria brevidens</i> (MITOO), an economically important medicinal vegetable and a trap crop for <i>Striga hermonthica</i>
52	Dr. Ngetich K. Felix	M	University of Embu	Agriculture Sciences	Towards quantifying Green House Gas emissions and deriving emission factors from organic and inorganic fertilizer from organic and inorganic farming systems of Kenya
53	Prof. Gikuru Mwithiga	M	University of Embu	Agriculture Sciences	Enhancing the industrial production of essential oils in Kenya for improved livestock
54	Dr. David K. Nyamasia	M	UON	Agriculture Sciences	Improved livelihood through integrated potato (<i>solanum tuberosum</i>) production and marketing innovations in Kenya
55	Dr. Andrew Thaiyah	M	UON	Agriculture Sciences	Camel ehrlichiosis and its impact on communities in camel keeping regions of Northern Kenya with a view of designing an

					intervention strategy
56	Dr. Dorcus A.O. Sigana	F	UoN	Agriculture Sciences	Integrating black soldier fly larvae, Spirulina and mosquito larvae into fish feed as alternative protein sources for sustainable aquaculture development for
57	Dr. Esther Kanduma	F	UoN	Agriculture Sciences	Development and validation of rapid pen-side diagnostic for detection of major tick-borne diseases of livestock
58	Dr. Jane Ambuko	F	UoN	Agriculture Sciences	Adaptation and upscaling of tested and applicable post-harvest technologies for smallholder horticultural farmers to reduce postharvest losses
59	Dr. Kahiu Ngugi	M	UoN	Agriculture Sciences	Harnessing the genetic resources of Sorghum (<i>Sorghum bicolor</i> L) in Kenya to improve drought tolerance and <i>Striga</i> resistance of farmer preferred

					cultivars for climate change adaptation by utilizing innovative genomic, value chain and participatory approaches
60	Prof. Charles K. Gachene	M	UoN	Agriculture Sciences	Bridging dry spells for high value vegetable cropping through supplemental drip irrigation
61	Prof. Eunice W. Mutitu	F	UoN	Agriculture Sciences	Identification, development and formulation of biological control agents and metabolites in integrated plant disease management
62	Prof. Paul M. Kimani	M	UON	Agriculture Sciences	Enhancing Food and Nutrition Security, Value Addition, Income, Demanded, Stress tolerant Bean and Pigeon pea Innovations in Kenya
63	Prof. Richard Mukabana	M	UoN	Agriculture Sciences	Creating Wealth and Social Equity from Mosquito Larval Habitats
64	Dr. Paul Sifuna Oshule	M	Mt Kenya University	Biological Sciences	Biodegradation of acaricidal residues in the environment: Curbing accumulation of organophosphat

					es in milk and milk products
65	Dr. Romano Mwirichia	M	University of Embu	Biological Sciences	Bioprospecting for Bioactive metabolites and biological control agents from soil and aquatic habitats in Kenya
66	Prof. Eucharia Kenya	F	University of Embu	Biological Sciences	Bioprospecting cellulases for bioethanol production on organic wastes in Kenya
67	Dr. Edward K. Muge	M	UoN	Biological Sciences	In cooperating Local Microbes Towards Integrated Effective Industrial Waste Treatment and
68	Dr. Wycliffe C. Wanyonyi	M	University of Kabianga	Chemistry	Development of Biodegradable Thermoplastic and polymers from Waste Feathers Using Enzymatic Technology for Clean Environment
69	Prof. George O. Rading	M	UoN	Engineering	Cyclic economy inspired product innovations for sustainable and low cost construction with optional solar cell integration (eco-construct)

70	Prof. Madara Ogot	M	UoN	Engineering	An empirical analysis of air quality and its socio-economic impacts in the Nairobi metropolitan area
71	Prof. Mary W. Gikungu	F	JKUAT	Environment Sciences	Pollinator and natural enemies' protection from pesticides through Bio-vectoring technology using managed bees (Honeybees and stingless bees) for improved agricultural productivity and environmental health
72	Dr. J.M. Gichumba	M	Chuka University	Environmental Sciences	Use of locally available plant resources for phyto-remediation of potable contaminated water by endocrine disrupting chemicals
73	Dr. Peter Njoroge	M	JKUAT	Environmental Sciences	Using temporal & spatial changes in bird distributions as an early warning for climate & environmental change in Kenya
74	Prof. John Gathenya	M	JKUAT	Environmental Sciences	Flash floods and erosion in Enkare Narok Basin :Cuses and management

75	Dr. Peter Macharia	M	KARLO	Environmental Sciences	Using climate smart agricultural technologies, remote sensing and GIS for ecological restoration of Lake Magadi catchment in Kajiado County
76	Ebby Chagala- Odero	F	KEFRI	Environmental Sciences	Enhancing productivity of Plantation forests in Kenya Through tree improvement
77	Mr. Kamondo Bernard M.	M	KEFRI	Environmental Sciences	Propagation of sandalwood for livelihoods support, adaptation to climate change & conservation of its genepool
78	Dr. Christopher M. Aura	M	KEMFRI	Environmental Sciences	Which river catchment pollutes Lake Victoria, Kenya the most? A proof of concept for management implications
79	Jane Nyamora	F	KEMFRI	Environmental Sciences	Bioaccumulation and Bio-magnification of metals and pesticides in the food chain along the Kenyan Coast and assessment of Human Risks

80	Dr. James Kimondo	M	Kenya Forestry Research Institute	Environmental Sciences	Integrated collaborative research on climate change, water resources and food security in upper Ewaso Ngiro river basin for sustainable management and enhanced ecosystem health
81	Joan M. Njagi	F	Kenyatta University	Environmental Sciences	Determination of levels of ionizing radiation in Human habitat, water and food: a potential cause of the rising cancer incidences in Kenya
82	Felix Ming'ate	M	KU	Environmental Sciences	Establishing Optimal community forest access and management units for enhanced community livelihoods and better forest management
83	Dr. Stephen Sikolia Fedha	M	Maseno University	Environmental Sciences	Effects of climate change and anthropogenic processes on the vegetation change and primary productivity patterns along altitudinal gradient in western region

84	Dr. Benson M. Mwangi	M	Murang'a University of Technology	Environmental Sciences	Conservation and restoration of wetland ecosystems for sustainable livelihood in Muranga county, Kenya
85	Dr. Beatrice N. Khayota	F	National Museums of Kenya	Environmental Sciences	Biodiversity, Socio-Economic and Development Options in Ngong Hills Forest Ecosystem
86	Dr. Oliver Nasirwa	F	National Museums of Kenya	Environmental Sciences	An ecosystem approach to Disaster Risk Reduction in flood and drought prone areas in Nzoia River Catchment and Basin
87	Dr. Charles Kimani	M	South Eastern Kenya University	Environmental Sciences	Climate smart rainwater harvesting and conservation technologies for improved food security in selected parts of Kitui County
88	Dr. Luke Olang	M	TUK	Environmental Sciences	Drought Early Warning Systems for Drought Risk Management in Kenya
89	Prof Joseph Lalah	M	TUK	Environmental Sciences	Environmental and Human Health Indicators Of Chemical Pollution From Large Scale Farming and Industries In Kenya: Capacity

					Building
90	Dr. Elizabeth Okwuosa	F	University of Eldoret	Environmental Sciences	Methods for monitoring & accounting for environmental co-benefits of soil carbon & greenhouse fluxes and tradeoff analysis of land management systems in Kenya
91	Dr. Frank O. Masese	F	University of Eldoret	Environmental Sciences	development of a National Biomonitoring protocol and assessment of the ecological status of riverside ecosystems in Kenya
92	Mr. Mule Shadrack	M	University of Kabianga	Environmental Sciences	Rapid environmental, assessment of residual pesticides on selected wetland ecosystems, Kenya
93	Ms. Brexidis Mandila	F	University of Kabianga	Environmental Sciences	Variations in tree biodiversity, carbon stock and litter nutrient concentration in tropical forests along precipitation and temperature gradient in Kenya

94	Dr. Robert M. Chura	M	UoN	Environmental Sciences	Restoration of Degraded Rangelands: Case Study of Mixed Use Community Land and Lake Nakuru National Park
95	Dr. Mwangi Githiru	M	Wildlife Works Carbon Trust	Environmental Sciences	Towards sustainable charcoal production in a natural dryland forest ecosystem, SE Kenya
96	Dr. Charles Lange	M	National Museums Of Kenya	Environmental Sciences	Geo-mapping riparian zones/lands for catalyzing sustainable development in the designated special economic zones in Kenya
97	Dr. Mzee Ngunga	M	Aga Khan Univeristy	Health Sciences	A Registry For Acute Coronary Syndromes (Acs), Heart Failure, Atrial Fibrillation And Venous Thromboembolism In Kenya: The Heart Registry
98	Dr. Dennis K. Rono	M	Egerton University	Health Sciences	Rheumatic Heart Disease: Regulatory T-Cell Levels Complementing Echocardiographic case Identification

99	Prof. Charles Muleke	M	Egerton University	Health Sciences	Enhancing public health awareness on food safety risks associated with livestock feeding practices in the petri-urban slums of Kisumu city, Kenya
100	Dr. Daniel Masiga	M	ICIPE	Health Sciences	Magnitude and dynamics of Visceral and Cutaneous Leishmaniasis transmission in Baringo, Nyandarua and Nakuru Counties in Kenya
101	Dr. Elijah K. Githui	M	IPR	Health Sciences	Rapid differential diagnosis kit for mixed and zoonotic malaria based on unique conserved plasmodial gene tetex
102	Dr. John M. Kagira	M	IPR	Health Sciences	Evolution of the Efficacy and Safety of a New Formulation of Suramin and Arginase Inhibitor Combination in the Treatment of Cervical Intraepithelial Neoplasia
103	Dr. Lucy Ochola	F	IPR	Health Sciences	A Preclinical animal model for evaluating the efficacy of nano-formulated antimalarial drugs during

					pregnancy
104	Dr. Peter Mwethera	M	IPR	Health Sciences	Efficacy of different <i>crassulaceae</i> extracts on management of type 2 diabetes in olive baboons
105	Mr. Elephas Munene	M	IPR	Health Sciences	An investigation of Leishmania-HIV-1 co-infections using a non-human primate model of HIV/AIDS
106	Dr. Bernard Ogutu	M	KEMRI	Health Sciences	Formulation and preclinical testing of novel nanoparticle-based triple combination antimalarial drug
107	Dr. Joel Lutomia	M	KEMRI	Health Sciences	Genetic and ecological variation among <i>Ae. Aegypti</i> populations in wild, rural and urban habitats across Kenya: A measure of the risks of emerging infectious disease transmission

108	Dr. John Kiiru	M	KEMRI	Health Sciences	Application of Shotgun Metagenomic to Investigate the Role of Sewerage Systems as Sources of Pathogens Implication in Outbreaks and as Hotspots for Evolution of Bacteria Antimicrobial Resistance Genepool in Kenya
109	Mr. James Kariuki Ngumo	M	KEMRI	Health Sciences	Strengthening counties capacity for evidence-based decisions and intervention support systems through more effective use and application of knowledge
110	Dr. Samuel Mburu	M	Kirinyaga University	Health Sciences	Targeting the seven cancer hallmarks by modulation of oxidative stress-induced inflammation and immune activation: A radical therapeutic approach
111	Prof. Michael Gicheru	M	KU	Health Sciences	Epidemiology of leishmaniasis in Western Pokot and development of strategies for effective disease control

112	Dr. Gordon Oluoch	M	KU	Health Sciences	Investigation of platelet activation in relation to procoagulant biomarkers in HIV associated ischaemic stroke patients in Kenya
113	Dr. James Nonoh	M	KU	Health Sciences	Human Foot Bacterial Communities Producing Chemical Constituents that Mediate Attraction of Malaria Vector Anopheles gambiae to the Preferred Feeding Site
114	Dr. David M. Onyango	M	Maseno University	Health Sciences	Molecular application of protein phosphatase 2A in Cyanobacteria microcystin quantification and degradation in water purification systems
115	Prof. Collins Ouma	M	Maseno University	Health Sciences	Genetic basis of epstein barr virus (EBV) , a risk factor for endemic burkitt's lymphoma
116	Dr. Guyo S. Huka	M	Meru University of Science and Technology	Health Sciences	Competence network for e-inclusion and assistive technologies (CNEAT)

117	Dr. Zainab Gura	F	Ministry of Health	Health Sciences	Systematic Review of oncology research in Kenya: towards an evidence informed cancer control strategy
118	Prof. Maurice Omolo	M	MMUST	Health Sciences	Bio-prospecting for Phytochemical Repellants and bio-pesticides of the Jigger Flea <i>Tunga penetrans</i> from the Western Kenya Flora
119	Dr. Catherine M. Mwendu	M	Mt. Kenya University	Health Sciences	Gene-environment interactions in the genesis of substance dependence, psychosis and relapse in Kenya
120	Dr. Jesse Gitaka	M	Mt. Kenya University	Health Sciences	Combating Antibiotic Resistance using Guidelines and Enhanced Stewardship In Kenya: An Implementation Science Approach
121	Mr. Francis Makokha	M	Mt. Kenya University	Health Sciences	Genomic Approaches for Understanding Breast Cancer Progression in Kenyan Patients

122	Prof. Njeri Wamae	F	Mt. Kenya University	Health Sciences	Entomological surveillance, characterization and ecological niche sampling of malaria and vector species in Embu county, Kenya
123	Mr. Bernard Agwanga	M	National Museums of Kenya	Health Sciences	Spill over Risk Assessment and surveillance of Infectious bat-borne viruses of public health concern in Kenya (SORASIB)
124	Mr. Solomon Cheboi	M	National Museums of Kenya	Health Sciences	Assessing indigenous cancer palliative care approaches for improved quality of life and enhancing conservation of medical plants
125	Dr. Rashid A. Aman	Male	Strathmore University	Health Sciences	Investigating the association between diabetes and tuberculosis in Kenya patients
126	Dr. Rahma Udu Yusuf	F	TUM	Health Sciences	Demonstrating the effect of Black seed (<i>Nigella sativa</i> L) as a novel treatment for protozoa infections
127	Dr. Victor T. Jeza	M	TUM	Health Sciences	Schistosomiasis Infection in Women of Reproductive Age: Patho-physiological and

128	Dr. Kefa O. Bosire	M	University of Nairobi	Health Sciences	Mapping and Profiling for Venoms from Snakes, Arthropods and Poisoning Mnagement Practise by Communities in Kenya
129	Dr. Nelson O. Amugune	M	UoN	Health Sciences	Drug Development of antibiotics from novel sources: Xenorhabdus bacteria from Kenya
130	Dr. Thaiyah G. Andrew	M	UoN	Health Sciences	Investigation of camel heart water (Ehrlichiosis) and Anaplasmosis in Northern Kenya - an emerging disease
131	Prof. Linda K. Ethangata	F	African Nazarene University	Ict	Use of emerging ICT to build a bridge to the divide between academic research and healthy living: A case of Aflatoxin
132	Prof. Julius Kipkemboi	M	Egerton University	Ict	Real-time Environmental Monitoring Using Innovative Wireless Sensor Technology: Using Lake Nakuru as a case study
133	Makworo Edwin Obwoye	M	Kisii University	Ict	Assessment of E-Learning Readiness Status of Primary Schools

					Implementing Teaching and Learning Digital Devices in Kisii County
134	Dr. Elizaphan Muuro	F	KU	lct	Enhancing e-learning Using Artificial Intelligence Techniques
135	Dorothy M. Kalui	F	Meru University of Science & Technology	lct	Participatory sensing in Kenya: Preconditions for successful implementation
136	Dr. Gilbert B. Mugeni	M	MMUST	lct	A Model and Implementation for an Internet of things (IoT) Based Big Data Analytics System for Disaster Prediction and Management
137	Dr. Patrick K. Wamuyu	M	USIU	lct	Development of a citizen observatory early warning system for outbreak
138	Maria Canudo	F	USIU	lct	Social Media and internet consumption in Kenya: Trend and Practices
139	Dr. Joseph N. Kamau	M	JKUAT	Physics	Development of small wind-solar hybrid system for electrification of rural households in Kenya

140	Dr. George Muthike	M	KEFRI	Physics	Strength and treatability properties of various Eucalyptus species for electricity transmission poles in Kenya
141	Dr. Kalambuka H. Angeyo	M	UNIVERSITY OF NAIROBI	Physics	Multimodal Spectrometric Characterization of Uranium and thorium bearing mineral ores in the high background radiation areas (HBRA) of Kenya
142	Dr. Benard Muok	M	JOOUST	Renewable Energy	Market based Approach for the Diffusion of Clean Cooking Solutions in Kenya
143	Dr. Scolastica Njeri Kariuki	F	Daystar University	Social Sciences	The link between values education and environmental sustainability: Determining effective approaches in delivering values education for environment sustainability among school going children and Truck Drivers.
144	Prof. Mark Okere	M	Egerton University	Social Sciences	Status of community policing: Impact on incidences of criminal activities, mechanisms,

					challenges and policy prospects in selected Counties of Kenya
145	Dr. Charles Omoke	M	JOOUST	Social Sciences	Promoting awareness and participation of PWDs in education and other community based programmes in Siaya county, Kenya
146	Dr. Kenneth Wanjau	M	Karatina University	Social Sciences	Effect of entrepreneurial orientation on the relationship between ICT competencies and open innovation success amongst Medium Sized Enterprises in Kenya.
147	Dr. Mugo Muhia	M	KU	Social Sciences	Hansard report production process in the devolved government structure in Kenya and its implication for democratic governance.
148	Prof. Grace Bunyi	F	KU	Social Sciences	As assessment of the Production of Education Research and its Utilisation for Policy Formulation, Programme Development

					and Implementation in Kenya
149	Dr. Geoffrey Maroko	M	Machakos University	Social Sciences	A situational analysis of intervention measures in management of HIV and Aids Prevalence in Kisii County
150	Dr. Mildred Ayere	F	Maseno University	Social Sciences	Integrating Research Competency in Undergraduate Teacher Education Programme for Mathematics Students at Maseno University
151	Prof. Sussy Gumo	F	Maseno University	Social Sciences	An Investigation of the Role of African Independent Churches in the Control of HIV and Aids Infection In Kisumu County
152	Dr. Benson Njoroge	M	Mt Kenya University	Social Sciences	Effectiveness of offline study desk on prison education
153	Dr. Francis Muregi	M	Mt Kenya University	Social Sciences	Bridging the Gap between Science and Cultural Religious Practices through Science Communication

154	Dr. Ciriaka Gitonga	M	Pan Africa Christian University	Social Sciences	Enhancing Youth Employability readiness through Career Mapping in Kenya
155	Samuel Ndungu	M	Sawa Research Consultants	Social Sciences	Factors contributing to influx of street children in urban towns in Kenya
156	Dr. Wycliffe Ombaka	M	The Co-operative University of Africa	Social Sciences	Analysis of Spatial Distribution, Capacity and Cooperation among Disaster Risk Management Actors in Kenya
157	Prof. Emily A. Akuno	F	TUK	Social Sciences	Enhancing creativity for youth empowerment and community development
158	Dr. Lucy W. Njagi	F	UoN	Social Sciences	An exploration of determinants that attract Kenyan youth to violent extremism: A capacity building approach