

PhD

	Researchers	Project Title	Discipline	Grant (Kshs.)
1.	Alex Magembe Marucha	Relativistic Distorted Wave Approach to Electron Impact Excitation of Heavy Rare Gases using a Complex Potential	Physics	1,204,000
2.	Ann Njeri Mwaura	Identification of Commonly used Medicinal Plant Species in Kenya using DNA Barcoding.	Plant Sciences	1,999,000
3.	Anne Munanie Maundu	Digestibility, Growth and Economic Returns of Nile Tilapia (<i>Orochromis niloticus</i>) and African Catfish (<i>Clarias gariepinus</i>) Fed on a Mixture of Plant Proteins	Zoological Sciences	1,218,500
4.	Anne Njeri Karanja	Quantifying Greenhouse Gas Emission and Carbon Stocks in Maize Base Cropping Systems in Siaya County, Kenya	Agricultural Resource Management	1,800,000
5.	Annette Njue	The Effect of Pesticide on Soil Microbial Activity and Nutrient Available in French Beans (<i>Phaseolus vulgaris</i>) in Murang'a County, Kenya	Environmental Sciences	1,999,350
6.	Asande Lydia Kwamboka	Genetic Improvement of Kenyan Passion Fruit (<i>Passiflora</i>	Zoological	

Postgraduates Awardees 2017

		edulis Sims) for Resistance to Woodiness Virus Disease	Sciences	752,600
7.	Beatrice Anyango	Efficiency of Endod Sapponins_Zeolite Nanocomposite in Water Purification; A Case on Ground Water Sources in Kisumu Kenya	Chemistry	1,532,390
8.	Benson Mureithi Wachira	Behavioral and Chemosensory Gene Expression Studies of δ -Octalactone Analogues and Blends against Selected Savannah and Riverine Tsetse Flies	Chemistry	1,500,000
9.	Damaris Ashioya Shihundu	Determinants of Psychosocial Wellbeing of Children Affected by HIV and Aids in Kiambu County, Kenya	Community Resource Management & Extension	1,334,180
10.	Domitila Kyule	Molecular Diversity of Bacterial Communities from Preserved Fish and Products Retailed in Kirinyaga County, Kenya	Microbiology	1,031,996
11.	Eliakim Mbaka Mauti	Hepatoprotective Nephroprotective and Antioxidant Activities of Selected Medicinal Plants/Extracts in Mice	Biochemistry & Biotechnology	1,798,000
12.	Felix Wanjala Omony	Human Exposure and Associated Risks due to Natural Radioactivity in Ortum, Kenya	Physics	1,755,000
13.	Francis Mukora Maingi	Functionalized Geo-polymers Derived from Common Clay and Rice Husk Ash for Application in Adsorption of Heavy Metals	Chemistry	1,738,700

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14.	Geoffrey Ngovi Muthoka	Derivation of Cycle Index Formulas of Semi-Direct Product Groups	Mathematics	772,000
15.	Geoffrey Ongoya Wafula	Effects of Integrating Selected Plant Essential Oils, Soil Improves and Bio-Stimulants on Management of Soil-Borne Pathogens and Insect Pests of Tomato in Mwea-Kenya	Agriculture and Enterprise Development	1,467,220
16.	Hayker Sylvester William	Determinants of Active Transport among 9 – 12 Year Old School Children in Kisumu and Nairobi Counties in Kenya	Recreation Mgmt. & Exercise Science	960,360
17.	Irene Wanjiku Muchira	Crystallization Kinetics and Structural Properties of In-Se-Bi Thin Films for Reversible Phase Change Memory (PRAM) Applications	Physics	1,100,000
18.	John Kiiru Thuku	A Model to Enhance Tutorial Management in Teaching and Learning using Cloud Computing	Educational Communication & Technology	1,130,000
19.	Johnathan Ngala Chome	Molecular Phylogenetic Analysis of Aedes Mosquitoes and Arboviruses in the Coastal Region of Kenya	Medical Laboratory Science	690,000
20.	Joseph Macharia Maina	Estimation of Carbon Fluxes and Turnover Rates of Maize (Zea Mays L.) in Croplands under Climate Variability in	Geography	1,750,000

Tharaka-Nithi and Embu Counties, Kenya

21.	Joseph Mwiti Marangu	Effects of Potential Activators on Performance of Calcined Clay – Based Cement	Chemistry	1,615,500
22.	Katana Chengo	Synthesis, Characterization, Bioassay and DFT Studies of Iron Half Sandwich Complexes of Selected Antitubercular Amines	Chemistry	1,519,824
23.	Kavuluko Jacinta Muthini	Marker Assisted Selection of Witchweed (<i>Striga</i>) Resistant Sorghum	Biochemistry & Biotechnology	1,778,000
24.	Kelvin Kisaka Juma	Effect of <i>Urtica dioica</i> , <i>Cucurbita pepo</i> and <i>Spinacea oleracea</i> Extracts in Amelioration of Alcohol Induced Toxicity in Rat Models	Biochemistry & Biotechnology	1,880,969
25.	Margaret Wangechi Kariuki	Development and On-host Evaluation of Controlled Release Formulations of Optimised Potent Repellents or Blends against <i>Phipicephalus Appendiculatus</i>	Chemistry	1,249,812
26.	Mary Adhiambo Opiyo	Effects of Probiotics on Growth Performance, Immunity and Flesh Quality of Pond Cultured Nile Tilapia (<i>Oreochromis niloticus</i> L.) in Kenya	Zoological Sciences	1,332,000

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27.	Mathenge Morris Wahome	Influence of Land use and Land Cover Changes on Groundwater Resources in the Stony Athi Sub-Catchment, Kajiado County, Kenya	Environmental Sciences	1,313,500
28.	Opinde Godwin Opinde	Integration of Motorcycle Transport in Selected Urban areas and its Implication on Safety and Livelihoods in Kenya	Environmental Planning & Management	1,000,000
29.	Patrick Mbaabu	Effects of Feed, Fertilized Water and Liming on the Production of <i>Oreochromis niloticus</i> in Different Culture System	Environmental Science	1,285,500
30.	Paul Ateng'a Nyamwamu	Transmission Mechanisms of Maize Lethal Necrosis Disease (MLND) in Kenya	Agricultural Science & Technology	1,883,500
31.	Peter Muchoki Githinji	Bioactive Principles from Selected Herbal Plants used for Treatment of Malaria in Kilifi County	Chemistry	1,570,000
32.	Peter Mwirigi	Characterization Water Stress and Nutrient Management of Yellow Passion Fruits (<i>Passiflora Edulis</i> , var F. <i>Flavicarpa.deg</i>) in Embu Country, Kenya	Agricultural Science & Technology	1,276,000
33.	Phoebe Choge	Analysis of Heavy Metal Concentration and Levels of Coliform Bacteria in Soil and Vegetables Grown and	Chemistry	1,686,400

		Consumed in Eldoret Municipality and Perceived Health Risks by the Residents		
34.	Rosaline Daisy Karimi	Isolation, Characterization and Effect of Potential Probiotics on Health and Growth of Nile Tilapia (<i>oreochromis niloticus</i>)	Biochemistry & Biotechnology	1,800,000
35.	Rosally Anyango Onyango	Development of Net Blotch Disease Resistant Double Haploid-Lines of Barley by Chromosome Elimination using the Bulbosum Technique in Kenya	Agricultural Science & Technology	1,450,000
36.	Ruth K. Kimaiga	Small and Medium-Sized Tourism Enterprise as Drivers for Inclusive Growth: Perspectives of the Regulatory Framework in Mombasa County.	Tourism Management	1,559,700
37.	Salome Mwongeli Musau	Financial Inclusion, Macroeconomic Variables, Competition and Stability of Commercial Banks in Kenya	Accounting & Finance	864,000
38.	Samuel Njuguna Nyamu	Synthesis and Spectrophotometric Activity of Phthalocyanine Conjugated to Metal Nanoparticles and Evaluation of their Antimicrobial Properties Against Resistant Microbes	Chemistry	900,000

39.	Tom Fred Ishugah	Performance of Solar Powered Direct Evaporative Cooling for Improved Indoor Thermal Comfort in Hot and Dry Regions of Kenya	Energy Technology	934,100
40.	Wilbroda Wasonga	Immune Enhancing Potentials of <i>Moringa Oleifera</i> Nutritional Supplement in Treatment of HIV/AIDS Patients	Zoological Sciences	1,865,400
41.	Malla Janet Kajuju	Effect of Moringa oleigera Consumption on Protein and Vitamins A Status of Children with Cerebral Palsy in Nairobi Kenya: A randomized controlled trial	Food, Nutrition & Dietetics	

Masters

1.	Nicholus Kariuki Ndwiga	Design and Construction of PIC Microcontroller-Based Five Degree of Freedom Robotic ARM using Servo Motors	Physics	280,250
2.	Marion Jebet Wilhelmy	Bioefficacy of Organic Extracts of Fish Poison Bush (<i>Gnidia glauca</i> -Fresen) against Cowpea Weevil <i>Callosobruchus maculatus</i> (Fabricius)	Biochemistry & Biotechnology	300,000
3.	Muthama Nicholas Nzuko	Synthesis of Silica Nanoparticles from Rice Husks for Remediation of Water Contaminated by Chromium (vi) ions	Chemistry	450,000

Postgraduates Awardees 2017

4.	Nancy Kwamboka Omori	Palynological, Physical and Chemical Characterization of Mangrove Honey from Kilifi County, Kenya	Chemistry	480,000
5.	Benedict Muresia	In Vivo Determination of Therapeutic and Toxicological Effects of Phytoextracts Traditionally Perceived to enhance Cutaneous Wound Healing in Western Kenya	Biochemistry & Biotechnology	325,500
6.	George Ochieng Omollo	Moving Domain Quantum Mechanics/Molecular Mechanics Methods for Interactions of Human Estrogen Receptor Alpha with Endocrine Disrupters	Chemistry	400,000
7.	Gathiru James Muhunyu	Profiles of Human Foot Microbiota of Individuals with Differential Attraction to <i>Anopheles gambiae</i> in Malaria Endemic Region in Kenya	Microbiology	45,100
8.	Joseph O. Onyango	Effect of Indomethacin on Selected Protein Digesting Enzymes in Rats	Zoological Sciences	450,000
9.	Joyce Nyathuta Muriuki	Effects of Solar Drying on Vitamins in Selected Indigenous Fruits and Vegetables Stored with Coconut Oil Coating in Kilifi County, Kenya	Chemistry	330,000
10.	Justine T. Nyasinga	Application of Iplex Massarray in Genetic Characterization of Methicillin-Resistant Staphylococcus Aureus in Kenya	Biochemistry & Biotechnology	450,000

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11.	Humphrey M. Muthanga	The Prevalence of West Nile Virus Among Squirrels at Msambweni, Kwale County Kenya	Medical Laboratory Science	427,000
12.	Mercy Kirui	Effects of Land use on Spring and Streamflow Water Quality in River Malaget Sub-Catchment, Kericho County, Kenya	Geography	450,000
13.	Evance O. Oluoch	Determination of Fecal Contamination Status of Shallow Wells in Dede Division, Migori County, Kenya	Environmental Science	395,380
14.	Siayo Elick Obure	Caregivers' Involvement for Effective Early Intervention for Children with Speech and Language Disorders in Tenwek Hospital, Bomet County, Kenya	Sociology	330,000
15.	Fredrick Olwenya Gunza	In Vitro Modulation of Clotrimazole, Ketoconazole, Amphotericin (B), Griseofulvin and Nystatin by <i>Acmella caulirhiza</i> and <i>Senna didymobotrya</i> Extract against <i>Candida Spp</i>	Biochemistry & Biotechnology	311,500
16.	Beth Njeri Maina	Identification and Prevalence of Nosocomial Infections and Antimicrobial Resistance during Hospitalization in Nyeri Level 5 and Murang'a Level 4 Hospital, Kenya	Microbiology	386,099

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17.	Dickson W. Wakhungu	Evaluation of Cyanotoxin Levels in Man-made Water Reservoirs and Associated Water Related Disease Burden in Tharaka – Nithi County, Kenya	Environmental & Occupational Health	163,500
18.	Amukah Kenneth Oborah	Assessment of Natural Radioactivity Levels and Radiation Hazards due for Building Materials used in Babadogo Estate, Nairobi County, Kenya	Physics	491,360
19.	Colleta A. Odera	Complementary Feeding Knowledge, Attitudes and Practices among Care-Givers of Children in Outpatient Therapeutic Program in Kamukunji Sub-County, Kenya	Food, Nutrition & Dietetics	132,190
20.	Japheth Omoke	Adoption of Talent Management on Competitiveness among Five-Star Hotels in Nairobi County	Hospitality & Tourism Management	360,000
21.	Martin Kirugu Kimani	Electron Impact Elastic Scattering of Stronium using Distorted Wave Method	Physics	330,000
22.	Kimutai Rogers Langat	Efficacy of Probiotic <i>Lactobacillus</i> as a Biocontrol Agent Against <i>Rhizoctonia</i> Solani in Bean Plant	Biochemistry & Biotechnology	365,000