



Directorate of Research & Postgraduate Support

Research BULLETIN

*Brought to you by the Directorate of
Research in Conjunction with
DCCM*

Monday, September 23, 2019

New on Research @MMUST



The BRECCIA Project is a four year (2018-2021) RCUK Global Challenges Research Fund (GCRF) program which aims to develop research capacity across institutions that is self-sustaining and focused on improving food and water security for the poorest of society.

The BRECCIA Project is a collaboration of the University of Southampton in UK, six universities in three countries (Kenya, Ghana and Malawi) in Africa and three regional research centres. The Southern African Research and Innovation Management Association (SARIMA) have been engaged to enhance and support research management and institutional capacity building of the

BRECcIA collaborating partners.

The participating BRECcIA institutions in Kenya include; University of Nairobi (UoN), Masinde Muliro University (MMUST), Technical University of Kenya (TUK), who were the hosting university, as well as Kenyatta University (KU). For more information, please visit <http://www.gcrf-breccia.com/>

Research Collaboration Agreement (RCA) RC3 Madagascar Cyclone Research Project

Six institutions; the University Court of the University of Edinburgh, (Scotland), MMUST (Kenya), Conservation International (in Arlington), Liverpool John Moores University, École Supérieure U-Magis, and the University of Antananarivo signed a collaboration to work on the project entitled “Resilience of Traditional Structures in Madagascar to Cyclones in a Changing Climate (RC3)” awarded by The Royal Society. Kudos to our MMUST contact researcher, Dr. Veronica M. Kiluva and colleagues.

In the News

International HE partnership cracks drought debt problem – Kenya. A story by Reuben Kyama <https://www.universityworldnews.com/post.php?story=20190916145525497>

When industrial attachments for lecturers are not enough – AFRICA by Ted Sun <https://www.universityworldnews.com/post.php?story=20190917145628793>

World Bank fellowships to nurture female scientific leaders -AFRICA by Christabel Ligami <https://www.universityworldnews.com/post.php?story=20190919135103766>

Accomplishments

Nursing

Musa L. M., Okoth, J.A., & Boruet, N. (2019). Student factors affecting simulation learning Fetal Heart Rate assessment skills among Nursing Students in Public Medical training Colleges in Western Kenya. *International Journal of Scientific Research and Innovative Technology*, 6(5), 1-12 http://www.ijssrit.com/uploaded_all_files/2233824142_u1.pdf

SDMHA

Otieno, F.O., Okoth. P.G., & Were, E. (2019). Counterterrorism Strategies Influencing Performance of the National Police Service in Lamu County, Kenya. *International Journal of Humanities and Social Science Invention (IJHSSI)* ISSN (Online): 2319 – 7722, ISSN (Print): 2319 – 7714 [http://www.ijhssi.org/papers/vol8\(5\)/Series-2/J0805026172.pdf](http://www.ijhssi.org/papers/vol8(5)/Series-2/J0805026172.pdf)

Njambi, S.M., & Onkware, K. (2018). social media peace messages campaigns in peace building since Kenya 2007 elections. *International Journal of Scientific and Research Publications*, 8(10), 659-662. DOI: 10.29322/IJSRP.8.10.2018.p8281 <http://dx.doi.org/10.29322/IJSRP.8.10.2018.p8281> <http://www.ijssrp.org/research-paper-1018.php?rp=P827891>

Ungaya, G.C., Okoth. P.G., & Were, E. (2019). how lack of standardised service delivery by tour providers in shared tourism destinations negatively affects ecotourism development: Case of Serengeti- Mara. *International Journal of Scientific and Research Publications*, 9, (5) 909-913. ISSN 2250-3153 <http://www.ijssrp.org/research-paper-0519/ijssrp-p89112.pdf>

Busalire, S., Iteyo, C., & Simiyu, R. (2019). the nature and extent of inter-clan conflicts in Mumias East Sub-County, Kakamega County, Kenya. *The International Journal of Social Sciences and Humanities Invention*, 6(5), 5455-5471. DOI <https://doi.org/10.18535/ijsshi/v6i5.09> <https://scholar.google.co.in/scholar?q=The%20Nature%20and%20Extent%20of%20Inter-Clan%20Conflicts%20in%20Mumias%20East%20Sub-County,%20Kakamega%20County,%20Kenya>

Otieno, F.O., Okoth. P.G., & Were, W. (2019). Efficacy of Policing Approaches Utilised in Counterterrorism by the National Police Service in Lamu County, Kenya. *International*

Journal of Humanities and Social Science Invention (JHSSI) ISSN (Online): 5(24), 39-48
<http://www.iosrjournals.org/iosr-jhss/papers/Vol.%2024%20Issue5/Series-1/F2405013948.pdf>

SONMAPS

Sigilai ,L.(2019).Perceived knowledge and Attitude towards African Indigenous Vegetables among High School students in Kakamega County, Kenya [NO LINK](#)

SEDU

Ageng, O., Buhere, P., &Aloka,P.J.(2019). influence of headteachers' transformational leadership style on implementation of inclusive education in public primary schools in Uasin Gishu County, Kenya. *International Journal of Education and Research* 7(4),15-28.
<https://ww.ijern.com/journal/2019/April-2019/02.pdf>

SOBE

Shitseswa, A.(2019). effects of differentiation strategies on performance on mobile phone service providers in Kenya. ([IN COMPLETE_](#)) [No link.ISSN 2321-3124](#)

SONAS

Igunza, E.S., Wakhu, P.,&Ndinya, B.O.(2019). energy and specific heat capacity of high tc superconducting mgb2 in the two band model.*Journal of Multidisciplinary Engineering Science and Technology (JMEST)* 6(7),10361-10369.
https://www.researchgate.net/publication/334848518_Energy_And_Specific_Heat_Capacity_Of_High_T_c_Superconducting_MgB_2_In_The_Two_Band_Model

SCI

Gitonga, S.N.,Otanga,A.D.,&Mutua,S.M.(2019) Machine Learning Model for Denial of Service Network Intrusion Detection. *International Research Journal of Innovations in Engineering and Technology (IRJIET)* .3(7),22-28(online): 2581-3048.
https://irjiet.com/common_src/article_file/1564121217_658ca47923_3_irjiet.pdf

SAAS

Auma, R.(2019). teaching strategies used in French language classes in Kenya. [ISSN 2455-3662](#)
[No link](#)

Funding Opportunities /Limited Submission



National Research Fund

Funding coordinated Research and Innovation for National Development

Check out for active funding opportunities.



Comic Relief: Funding for Improving Mental Health and Wellbeing in Kenya

Deadline 18 October 2019

For more information, please visit

<https://www.comicrelief.com/funding/funding-opportunities/improving-mental-health-and-wellbeing-kenya>



KENET Call for Proposals: Computer Science, Information Systems and Engineering Multi-Disciplinary Mini-Grants 2019/2020 –

Closing Date: **Wednesday, 25th September, 2019**

KENET has issued a call for Proposals for Computer Science/Information Systems/Engineering mini-grants that is intended to promote early stage CS/IS or engineering research and development in current and emerging research areas. The mini-grants target early stage research, enabling researchers to undertake proof-of-concept work to support R&D ideas and concepts. Applicants must be PhD holders, must demonstrate active research interest and must have obtained their PhD degree within the past 5 years. Click the link for further information <https://www.kenet.or.ke/content/call-proposals-computer-science-information-systems-and-engineering-multi->



[disciplinary-mini](#)

Or https://www.kenet.or.ke/sites/default/files/csisee_mini-grant_call_for_proposals-1.pdf

Deutscher Akademischer Austauschdienst German Academic Exchange Service

Check out lots of funding opportunities for students, graduates, and researchers both by DADA and other funding organizations in Germany.

Funding include”:

- Scholarships for Undergraduates and Postgraduates
- Funding for Researchers and Faculty
- Funding for Institutional Cooperation
- Government Scholarship programmes
- Funding for Scientific Networks in Sub-Saharan Africa

For more information, please visit <https://www.daad.or.ke/en/find-funding/>



African Union Research Grants

The African Union Commission is seeking proposals for research focusing on the following thematic priorities articulated in Africa’s Science and Technology Consolidated Plan of Action (CPA) and its Lighthouse Projects:

- (a) Post-harvest and Agriculture,
- (b) Renewable and Sustainable Energy, and
- (c) Water and Sanitation in Africa.

The programme is financed through the Financing Agreement



between the European Commission and the ACP Group of States under the ACP Research for Sustainable Development Program of the 10th EDF Intra-ACP Envelop.

For more information, please visit <https://www.advance-africa.com/African-Union-Research-Grants.html>

Academia Kenya is a single platform for disseminating relevant and timely information to the academic research community in Kenya.

Currently, lots of grants and funding opportunities are active for application.

These include:

- Jorma Ollila Grant (Finland)
- Bridge Spark Fund (U.S.)
- Consultancy on the Economic Contribution of the Kenya Film industry (Kenya)
- Mobility and Access in African Cities (Sweden)
- National Policy Workshops-Small Grants- African Economic Research Consortium (Kenya)

For more information, please visit –

<https://academia-ke.org/grants-and-opportunities/>



International Development Research Centre
Centre de recherches pour le développement interna

The International Development Research Centre

(IDRC) offers grants, funding, and awards to researchers and institutions to find solutions for global development challenges.

Through calls for research proposals, we fund projects that aim to bring employment, food security, health, peace, and prosperity to developing regions of the world.



**Funding
research site**

Global call for inaugural IDRC RQ+ College of Reviewers

Open calls for funding are;

Call for: Applications

Deadline: October 16, 2019 by 23:45 (EDT)

Apply to join independent RQ+ College of Reviewers to assess quality of research across IDRC's programs.

Call for proposals: Strengthening education systems with proven innovations in developing contexts

Deadline: October 01, 2019 by 23:45 (EDT)

For more information, please visit <https://www.idrc.ca/en/funding>

Funds 4 Africa. Org. Provides funding opportunities to impact your communities. The active Call for proposals include:

Right Sharing of World Resources | Kenya Women and Gender **102 days left**

RSWR supports income-generating, self-employment projects for poor women who are members of a self-help group. The project must include a revolving loan.

For more information, please visit-<https://funding-opportunities.org/en/opportunity/666/right-sharing-of-world-resources-kenya>-submit your proposal to <https://www.rswr.org>

Climate and clean energy projects and businesses in Sub-Saharan Africa and Asia**468 days left**

Do you have a great climate change adaptation or clean energy project, but have you had difficulty attracting investment? PFAN can

help! PFAN has worked with over 500 projects since its launch in...
For more information, please visit <https://funding-opportunities.org/en/opportunity/549/climate-and-clean-energy-projects-and-businesses-in-sub-saharan-africa-and-asia>
Submit your proposal to <https://pfan.net/submit-a-proposal/>

African Researchers' Small Grants Program -Africa10
days left

USD \$5,000 - \$25,000

This third call for proposals is targeted at outstanding researchers – especially beginning researchers – and academics based in research institutions or universities in Africa. Applicants will... for more information, please visit <https://funding-opportunities.org/en/opportunity/751/african-researchers-small-grants-program>

Submit the proposal to
<https://www.ntdsupport.org>

The Implementer-Led Design, Evidence, Analysis and Learning (IDEAL) Activity -All countriesNutritionAgriculture,42
days left , \$50,000

Over the past decade, FFP made significant investments in strengthening implementer capacity in a number of key technical areas central to food and nutrition security (e.g. Agriculture, WASH,.. For more information, please visit- <https://funding-opportunities.org/en/opportunity/730/the-implementer-led-design-evidence-analysis-and-learning-ideal-activity>
Submit proposal to <https://www.fsnnetwork.org>



Ministry of Education

Ministry of Education Scholarship

The Government of Kenya through the ministry of Education has lots of scholarships. For more information, please visit <http://www.education.go.ke/index.php/downloads/category/14-government-scholarships>

Announcements

- **Outcome of 2017/2018 University Research Fund Grants**- 20 graduate students from various disciplines together with their supervisors received funding for their innovative ideas.
- **Certificates for participation** in the 13th Multi- Disciplinary International Conference held at MMUST on June 19th -21st, 2019 are ready for pick up. Kindly come in person with a personal identification.
- **Journal of Science Technology Education and Management (J-STEM) Vol. 8 No.1**, proceedings of the 10th International Conference held in 2016 are out and available for purchase at the Directorate of Research and Postgraduate Support office.
- **Panel Data Analysis Workshop November 18th -21st, 2019** The School of Graduate Studies & Research would like to invite you to a 4-day Panel Data Analysis workshop. The event will be at the Kenya School of Monetary Studies, along Thika Rd.
For more information, please visit <https://www.kca.ac.ke/panel-data-workshop>

Resources

Proposal Writing Guide

http://www.ku.ac.ke/riosite/images/docs/updated_Guide_for_Writing_a_Fundable_Proposal.pdf (

Adopted from K.U.). **Also, be on the look out for the face-to-face training- coming soon.**

Journal Resources-a site that ranks journals by quality and h-index

www.scimagojr.com/journalrank.php

See also the selected journals under the Directorate of Postgraduate Studies of MMUST (<http://mmust.ac.ke/directorates/dps/>).

Contact Us

Do you have an ongoing research project that you would wish to share the proceedings?

Do you need support forming a grant writing/ research team?

Do you need support in developing and nurturing a writing habit?

We are here for you!!

Also, we pride in acknowledging your research, consultancy, and service accomplishments, just let us know.

You can visit with us at the Directorate of Research and Postgraduate Support (Orange Building #409)- in person

Or Email directorrel@mmust.ac.ke

University of Choice