

CURRICULUM VITAE (CV) – SAUDA SWALEH

1.0 Personal Information

Name: Swaleh, Sauda M.
Current Address: Chemistry Department
Kenyatta University
P.O. Box 43844,
Nairobi, Kenya.
Cellphone 0721726842
Citizenship Kenyan
Gender Female
Place of Birth Mombasa, Kenya
Current Position: Associate Professor &
Deputy Director, Africa Centre for Transformative
and Inclusive Leadership (ACTIL)
Email Address: swaleh.sauda@ku.ac.ke, swaleh01@yahoo.ca
Qualification: Dr.rer nat.(Magna cum Laude, Chemistry, (2001)
Humboldt University of Berlin, Germany.



1.1 Language

Languages	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
German	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Good
French	Basic	Basic	Basic
Chinese	Basic	Basic	Basic

2.(a) Academic Qualification

2010: Visiting Research Fellow

Novartis Institute for Biomedical Research Institute (NIBR) in Massachusetts, USA in the Departments of Investigative Toxicology (iTox), Early Development, Cambridge, Boston, United States of America.

2009: Visiting Scientist

International Summer School, Sustainability in the Organic Chemistry Course, Technische University, Carolo – Wilhemina zu Braunschweig, Germany

2001: Post-doctoral Studies

ASCA, Angewandte Synthesechemie, Adlershof-Berlin, Germany.

2001: Dr. rer. nat (Magna cum Laude), Chemistry,

Humboldt University of Berlin, Germany

1994: Masters of Science

Research Project – Organic Chemistry (Natural Products)

Kenyatta University, Nairobi, Kenya.

1990: Bachelor of Education (Science)

Second Class Honours (Upper Division), Kenyatta University, Nairobi.

1986: Kenya Advanced Certificate of Education (KACE), Allidina Visram High School, Mombasa.

1984: Kenya Certificate of Education (KCE), Aga Khan High School, Mombasa.

1980: Certificate of Primary Education, Mbheni Girls Primary School, Mombasa.

2(b) Professional Courses

- **December 2013:** Pre-Symposium Training Workshop of the 15th Symposium of the Natural Products Research Network for Eastern and Central Africa (NAPRECA) held at the Medicinal and Aromatic Plants Research (MAPRI), University of Khartoum, Sudan from 3rd – 5th December, 2013 Workshop
- **June 2013:** Training of Academic Members of Staff on New Teaching Methods organized by the Centre for Teaching Excellence and Evaluation, Kenyatta University held on 10th – 13th June, 2013.
- **August 2012:** Vaccines Workshop by Novartis Institute for Biomedical Research Natural Products by Global Head; Clinical Development & Regulatory Affairs at the University of Ghana on 4th August 2012.
- **August 2012:** Clinical Pharmacology Workshop by Novartis Institute for Biomedical Research Natural Products by Global Scientific Development Director at the University of Ghana on 4th August 2012.
- **August 2012:** Natural Products Workshop by Novartis Institute for Biomedical Research Natural Products Unit Scientists held at the University of Ghana on 3rd August 2012.
- **June 2012:** Point of Care Diagnostic Workshop organized by University of Alberta and Institute of Primate Research. National Museums of Kenya held at the National Museums of Kenya on 25 – 29th June, 2012.
- **2011-2012:** International Deans' Course (IDC) Africa under Dialogue on Innovative Higher Education Strategies (DIES) is designed for newly elected deans and vice-deans from Universities in East Asia, Eastern Africa (Kenya, Uganda, Tanzania, Malawi, Ethiopia and Rwanda) and West Africa (Cameroon, Ghana and Nigeria). IDC course deals with various issues surrounding Faculty Management, Strategic Faculty Management, and Financial Management, Quality Assurance, Leadership and Soft Skills and supplemented with practice-oriented module on Project management and conflict Management. As the course progresses, IDC participants develop Personal Action Plans (PAP) which they use to implement individual reform projects at their Universities. The plans are presented at regional workshops, as well as during a final, one week seminar where they are jointly evaluated by German and regional trainers.

The German Academic Exchange Service (DAAD) in cooperation with Osnabrueck University of Applied Sciences, Germany, The Centre for Higher Education (CHE, Germany) and the Alexander von Humboldt Foundation jointly organize the IDC Course Africa.

- Part I held on 19 – 30th June, 2011 at Osnabrueck and Berlin, Germany.
- Part II held on 8 – 9th November at Kenyatta University, Kenya
- Part III held on 20 – 24th February, 2012 at University of Addis Ababa, Ethiopia
- **2010:** Novartis Institute of Biomedical Research (NIBR), Cambridge, Boston USA, Training, Assessment and Certification by the NIBR Education Section from 2nd May – 22nd August, 2010 on the following Professional Courses: NIBR Training Assessment, Target for Therapy for Scientists, Intellectual Property / Patents, Ariba e-Certification, Procure Policy e-Certification, Data Quality, General laboratory Safety for Associates, Fire Extinguisher Training, Initial Biosafety & Blood Borne Pathogens, Biological Safety Cabinets, Accident & Incident Investigative Training, TOPIK for Cambridge and Sharps Safety Training.
- **2009:** International Summer School, Sustainability in the Organic Chemistry Course, Technische University, Carolo – Wilhemina zu Braunschweig, Germany held on 23rd – 30th March, 2009.
- **2009:** Training of Trainers (TOT) Workshop by UNISTAFF Alumni (Uganda) in conjunction with Institute of Socio-Cultural Studies, University of Kassel with support from DAAD held on 12 – 16 January 2009, Makerere University, Uganda.
- **2008:** Effective Project Planning and Evaluation in Health Research, UNICEF/ UNDP/World Bank/ WHO special program for Research and training in Tropical Research held on 22 – 25 April, 2008 at the Trypanosomiasis Research Centre, KARI, Nairobi, Kenya.
- **2005-2006:** Proposal Writing for International Research Projects, Part 1 & Part 2 organized by Free University of Berlin, University of Kassel and the University of Bonn and Supported by DAAD.
- **2006:** KU Capacity Building Seminar on Mentoring held on 24 & 28 August, 2006 at Utalii Hotel, Nairobi.
- **2006:** KU Proposal Writing Workshop held on 17th July, 2006 at Utalii, Hotel, Nairobi.
- **2005:** 11th NAPRECA Training Symposium Workshop held on 1st – 9th August, 2005, at IMRA in Antananarivo, Madagascar.
- **2003:** University Staff Development Program (UNISTAFF) University of Kassel, Institute for Socio-cultural Studies (ISOS), Witzenhausen, Germany (UNISTAFF - 2003) held on 1st May – 12th July on Organizational Development, Quality in Teaching and Learning and Research Management. Supported by DAAD. Wrote a Practice Oriented Project on “Organizing and Strengthening of Research Programs in the School of Pure and Applied Sciences, Kenyatta University”.
- **2002:** Nominated by the department to attend a training course on the operation of the Varian 200 MHz Mercury Vx Nuclear Magnetic Resonance (NMR) Instrument, Department of Chemistry, Chiromo Campus, University of Nairobi.

2 (c) Other Courses

- **2013:** Internal Auditor's Refresher Course held at BSSC on 19th September, 2013.
- **2013:** Anti-corruption Seminar organized by the Ethics and Anti-Corruption Commission at Jumuia Guest House, Nakuru held on 5th – 6th June, 2013.
- **2013:** Training on Root Cause Analysis (RCA) for Departmental Quality Teams held at BSSC, Kenyatta University on 28th February 2013 and 20th March 2013.
- **2012:** Regional Eastern African DIES Alumni Network - REAL Conference and Workshop on Networking for Quality Higher Education held at KUCC, on 17th – 21st September, 2012.
- **2012:** Training on Information Security Management by Projects – ICT, University Boardroom, Kenyatta University on 27th January, 2012.
- **2011:** Training for Internal Quality Auditor for ISO 9001: 2008 Quality Management Systems by Kenya Bureau of Standards (KeBS) on 7 – 9th September, 2011.
- **2011:** Cluster Strategy for National Development organized by the National Economic and Social Council (NESC) of Kenya, Office of the President held at the Louis Leakey Auditorium, NMK on 28th April, 2011.
- **2011:** Strategic Leadership and Change Management Programme for Directors of State Corporations at the Kenya Institute of Administration, Nairobi, Kenya held on 14th – 15th January, 2011.
- **2010:** International Dean's Course, 2—9/10, Part II – Regional Workshop on Research, Quality and Strategic Management in Higher Education in East Africa at Kenyatta University Conference Centre (KUCC). Supported by the German Academic Exchange Service (DAAD) in collaboration with Kenyatta University held on 28th – 30th October, 2010.
- **2010:** The Induction Program for NMK Board Members held at the Great Rift Valley Lodge on 17th – 20th February, 2010.
- **2011:** Transformation and RRI Leadership Orientation Workshop held on 29th – 30th March 2011 at the Utalii College.
- **2009:** Amani Communities Africa (ACA) workshop on Non-violence and Peace building for Kenyan Public Universities held on 22nd – 26th September at the Methodist Guest House, Nairobi, Kenya.
- **2009:** Strategic Plan Stakeholders Consensus Building Workshop organized by the National Museums of Kenya held at Holiday Inn o 20th August, 2009.
- **2009:** Induction Programme for members of State Corporations Board held on 24th April, 2009 at the Kenya Institute of Administration, Nairobi, Kenya.
- **2009:** UNISTAFF – University Staff Development Programme (REAL) – Regional East African Alumni Network - Training of Trainers (TOT) Workshop on Advanced Training Skills for Improving Quality and Relevance in Teaching and Learning, Makerere University, Kampala, Uganda and Supported by the Institute of Socio-Cultural Studies (ISOS), University of Kassel - DAAD held on 12 – 16 January 2009.
- **2007:** Internal Quality Course on ISO 9001:2000 Internal Audit Program and Quality Management System Development and Implementation Standards by Kenya Bureau of Standards (KeBS), Nairobi, Kenya and Supported by Kenyatta University on 20th February, 2007.

3.0 Fellowships

- Research Fellowship Award
Seeding Labs - Novartis Institute of Biomedical Research (NIBR), Cambridge, Boston, United States of America, undertaken in the Departments of Investigative Diagnostics, iTox (Investigative Toxicology) and Early Development from 2nd May – 21st August, 2010.
- Short term Scholarship from Deutscher Akademischer Austauschdienst (DAAD) participation in the International; Deans' Course (IDC) Africa 2011/2012 under the Dialogue on innovative Education Strategies (DIES) Program. Part I held at the University of Applied Sciences, Osnabrueck and Freie University, Germany from 19th – 30th June, 2011.
- Visiting Research Scientist Award from Deutscher Akademischer Austauschdienst (DAAD) for research study in Sustainability in Organic Chemistry\ Course at the Technische University, Carolo – Wilhemina zu Braunschweig, Germany from 23rd – 30th March, 2009.
- Post-doctoral Fellowship Award
ASCA, Angewandte Synthesechemie, Adlershof-Berlin, Germany from 1st June – 23rd December, 2001
- Novartis NIBR Full Sponsorship Award to attend the 2012 Ghana Biomedical Convention and Ghana Biomedical Research Network and Novartis Workshop held in Accra Ghana from 30th July to 4th August. Supported by Novartis Biomedical Research Institute (NiBR), USA and Kenyatta University.

3.1 Travel Grants

- 15th NAPRECA Symposium held from 3 – 10th December, 2013 at the University of Khartoum, Sudan. Supported by DAAD through Natural Products Chemistry Research Network for Eastern and Central Africa (NAPRECA) and Kenyatta University.
- Novartis (NIBR) Full Sponsorship Award to attend the 2012 Ghana Biomedical Convention and Ghana Biomedical Research Network and Novartis Workshop held in Accra Ghana from 30th July to 4th August. Supported by Novartis Biomedical Research Institute (NiBR), USA and Kenyatta University
- DAAD Partial Support Award (2007) to attend CHEMRAWN XII conference held on 2nd – 5th December, 2007 at the University of Stellenbosch, South Africa. Supported by DAAD and Kenyatta University.
- DAAD Full Sponsorship Award (2007) to attend the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 28 September – 5th October, 2007 in Lilongwe, Malawi.
- DAAD Full Sponsorship Award (2005) to attend the 11th NAPRECA Symposium Workshop held on 1st – 9th August, 2005, at IMRA in Antananarivo, Madagascar.
- University Staff Development Program Witzenhausen 2003 (Short term DAAD Award)
University of Kassel, Institute for Socio-cultural Studies (ISOS), Witzenhausen, Germany (UNISTAFF - 2003) held on 1st May – 12th July on Organizational Development, Quality in Teaching and Learning and Research Management. Supported by DAAD.

3.1 Research Interest

- Biomedical research, Organic, Bioorganic chemistry and Applied Analytical chemistry – Food Science.
- Phytochemical and Biological Studies of Kenyan Medicinal Plants.
- Evaluation of antimicrobials efficacy of medicinal plants traditionally used in the controlled of infectious diseases and Investigation of Natural Products with Antimalarial, Trypanocidal and Leishmanicidal Activity from Medicinal Plants.
- Combination of Synthesis and Natural Product Chemistry
- Synthesis of Potential Antimalarial Agents by Chemical Coupling of Novel Natural Products and Synthetic Templates.
- Quantification of Phytochemicals with Antioxidant activities from different varieties of fruits and specific vegetables from selected areas in Kenya.
- Determination of Cyanogenic Potential levels in Cassava from Different Agro - ecological zones in Kenya.
- Potential of Plant crops as Bio-diesel.
- Bioavailability of Vitamin A, E and C in People living with AIDS and Effects of Indigenous Food in the Management of HIV & AIDS.

4.0 Employment History/ Work Experience

- **2014 – To date:** Associate Professor, Department of Chemistry, Kenyatta University.
- **2007 - 2014:** Senior Lecturer, Department of Chemistry, Kenyatta University.
- **2002 – 2007:** Lecturer, Department of Chemistry, Kenyatta University.
- **1995 – 2001:** Tutorial Fellow, Chemistry Department, Kenyatta University.
- **1994 – 1995:** Assistant Lecturer, Nairobi Technical Training Institute, Teachers Service Commission.

5.0 Administrative Responsibilities

5.1 University Level

- **2014:** Appointed to develop the module on Leadership and Management to be offered to all the final year graduating students by co-writing with E. Waweru the section on Stress Management in Leadership and Management under the thematic area “ Mentoring, Coaching and Counselling in Leadership”.
- **2014:** Appointed on Acting Capacity, Deputy Director, Africa Centre for Transformative Inclusive Leadership (ACTIL).
- **2014:** Appointed to the planning committee for the 6th ICAT conference on Appropriate Technology – 25th – 29th November, 2014.

- **2013:** Appointed on Acting Capacity as Director, Mentoring Programme when the substantive Director was away from the University 9th to 31st December, 2013.
- **2013:** Career Week 2014 Organizing Committee.
- **2013:** Appointed as Member of a Committee to Review various offences and Corresponding Disciplinary Measures.
- **2013:** Deputy Director of Student Affairs
NB: Office of the Dean of Students, Kenyatta University is now known as the Directorate of Students Affairs as per the Kenyatta University Statutes of 2013.
- **2008 -2013:** Deputy Dean of Students
 - Appointment from August, 2008 for a term of two (2) years as Deputy Dean of Students, Main Campus.
 - Renewal of Appointment as Deputy Dean for a further period of two (2) years
 - Renewal of Contract as Deputy Dean for a further one year.
- **2008 - 2013:** Represented Dean of Students known currently as the Director Student Affairs in important decision making University Committees.
 - Appointed acting Dean of Students when Dean of Students is away.
- **2013:** Member, University Committee to Review Various Offences and Corresponding Disciplinary Measures.
- **2013:** Nominated Representative By Dean of Students to Career Week 2013 Organizing Committee.
- **2012 – To date:** Member, University Mentoring Board
- **2012 - To date:** Board Member, Kenyatta University Board of the Confucius Institute.
- **2011 – To date:** Member, Kenyatta University External Evaluation Visit Committee.
- **2011 – 2014:** Member, Student Appeals Committee.
- **2012 – To date:** Internal Quality Auditor, Kenyatta University.
- **2012:** Member, Tender Evaluation Committee to evaluate tender for Request for Consultancy Services to Conduct Customer Satisfaction Survey.
- **2009 – 2012:** Member/Secretary, KUSA Election Appeals Committee.
- **2011 to 2012:** Member, Self Evaluation Steering Committee of Kenyatta University (Europe – Africa Quality Connect Project – Ref: EUA-AAU Quality Assurance Project, Organizing 1st (2011) and 2nd (2012) External Evaluation.
- **2012:** Member, Kenyatta University Committee for Tender Closing/ Opening for Proposal for Consultancy Services to Conduct Employee Satisfaction, work Environment and Customer Satisfaction Survey.
- **2012:** Member, Kenyatta University Tender Closing/ Opening Committee for Specialised Medical Consultancy Services for Outpatient.
- **2011 - To date:** Member, Development of Strategic Plan for Directorate of Grants Writing and Management Committee, Kenyatta University.

- **2012:** Member of the steering committee organizing International Conference on Gender Based Violence and Sexual Harassment, Appointed by the Executive Organizing Committee to be Chairperson, Communication Committee.
- **2010 - 2014:** Member, Kenyatta University Disability Day Steering Committee.
- **2011:** Member, Rapid Results Initiative (RRI) 2nd wave of Kenyatta University for the Thematic Area: To Rationalization of Staff Establishment.
- **2009 – To date:** Member, OVS Management Board – Reto dateing Dean of Students.
- **2008 – 2010:** Member, Kenyatta University Short listing Committee.
- **2010:** Co-opted Member, Kenyatta University Silver Jubilee Committee.
- **2010:** Member, Organizing Committee to Receive Books donated by Sabre Foundation of USA
- **2009:** Member, Environmental Governance for Kenyatta University.
- **2009 – 2012:** Member, Student Handbook Review Committee.
- **2009:** Member, Kenyatta University Committee on Disturbances – Student Appeals.
- **2009 – 2011:** Member, Kenyatta University – Prevention of Drugs & Substance Abuse – Representing Dean of Students.
- **2007 – 2009:** Co-opted member of the Vice-Chancellor’s ISO Committee. Participated in Preparation of KU ISO procedures and Kenyatta University Quality Manual with ISO Procedures and Quality Assurance Mechanisms for recognizing and monitoring performance to enhanced operational efficiency; member of the Internal ISO Standards Compliance Auditing Team University ISO-9001:2001 Standard Certification Steering Committee.
- **2008:** Kenyatta University Steering Committee to Prepare Visit by the United States of America Ambassador to Kenya and the Launch of the Kenyatta University and British Broadcasting Corporation Partnership.
- **2008:** Acting Director, Kenyatta University Radio Service KU 99.9 FM on various occasions when the current Director is away on University Missions.
- **2007- to date:** East African Journal of Physical Sciences – Associate Editor.
- **2007:** Kenyatta University FM 99.9 Implementation Committee.
- **2007:** Kenyatta University ISO Committee – Member.
- **2005 – 2008:** Kenyatta University - ICT Committee – Member.
- **2007:** Kenyatta University Regional Conference on Life Sciences Committee – Member
- **2006 – To date:** Mentor, Kenyatta University Mentorship Program.
- **2005 – 2008:** Warden, Kenyatta University.

5.2 School Level

- **2012:** Defence Chair on behalf of Dean, SPAS on several occasions.
- **2011:** Member, Open Day Kitui Campus Steering Committee, by School of Pure and Applied Science.

- **2008 – 2010:** SPAS Representative, Kenyatta University Short listing Committee.
- **2006 – To date:** Co-opted Member in the Committee on Establishment of a Centre for Natural products for the Promotion of Indigenous Products.
- **2007 – To date:** Associate Editor, East African Journal of Physical Sciences.
- **2006 – 2008:** School Timetable Committee.
- **2002 - 2009:** Chairman, School Exhibition Representative.

5.3 Departmental Level

- **2013 – To date:** Member, Departmental Quality Team (QMT) Committee.
- **2002 – To date:** Supervision of undergraduates and graduates students (Project, Master of Science as well as PhD levels) undertaking research projects in the diverse research areas in the field of chemistry at Kenyatta University and other local and regional Universities.
- **2002 – To date:** Member, Kenyatta University Departmental Research Coordination Committee.
- **2002 – To date:** Member, Departmental Board Postgraduate Studies (DBPS).
- **2006 – To date:** Member, Departmental Strategic Plan Committee.
- **2003 – 2009:** Departmental Timetabler.
- **2008 – To date:** Member, Departmental Academic Board.
- **2003 – To date:** Member, Information Technology Committee.
- **2003 – To date:** Member, Research Proposal Writing Committee.
- **2002 – To date:** Member, Departmental Research Coordination.
- **2002 – 2009:** Academic Advisor Third Year.
- **2002 – To date:** Member, Management of Laboratory Equipment.
- **2002 – 2011:** Assistant Treasurer – Departmental Social Welfare Committee.
- **2002 – 2008:** Chairman – School Representative of the Exhibition Committee.
- **2002:** Seminar Committee – Member.
- **1995 – 1996:** Examination Committee – Member.
- **1995 – 1996:** First Year Academic Advisor – Member.
- **1995 – 1996:** Income Generating Committee – Member.
- **1995 – 1996:** Recorder of the Departmental minutes.

6.0 Postgraduate Supervision

6.1 PhD Supervision (Completed)

SN	Student Name & Registration No:	Degree	Research Project	Supervisors	Status
1.	Hamisi Masanja Malebo (I84/7056/2003)	PhD	Phytochemical and Pharmacological Investigation of Four	Prof. I. Ndiege Prof. A. Hassanali	Graduated with PhD in Natural Products

	Kenyatta University NB: a Tanzanian National under NAPRECA/ DAAD Regional Scholarship		Tanzanian Medicinal Plants for Antiprotozoal Activity	Dr. S Swaleh	Chemistry in December 2009
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6.2 PhD Supervision (On going)

SN	Student Name & Registration No:	Degree	Research Project	Supervisors	Status
2.	Philip Mayeku 2007/HD13/489K Makerere University NB: A Kenyan under NAPRECA/ DAAD Regional Scholarship	PhD	Isolation and Characterization of Active Antiplasmodial Compounds from Selected Medicinal Plants From Kwale and Meru Districts of Kenya	Prof. Kiremire Prof. A. Yenesew Dr. S Swaleh Dr. Odallo	Ongoing 80% done
3.	Stanley Kippsy Tumbo	PhD	Phytochemicals from medicinal Plants as anticancer agents	Prof. S. Swaleh Prof. Hassanali Dr. R. Musau	Proposal Development

6.3 Masters Research Supervision (Completed)

SN	Student Name & Registration No:	Degree	Research Project	Supervisors	Status
3.	Muli David Musyoka I56/15433/2009	MSc	Quantification of Lycopene and beta-Cryptoxanthin Levels in Different Varieties of Mangoes in Mwala and Machakos District	Prof. Hassanali Dr. S. Swaleh Dr. H. Rotich	MSc (Analytical Chemistry) April 2012
4.	Stanley Tumbo Kippsy – I56/CE/15662/05	MSc	Phytochemical and Antimicrobial Screening of <i>Crotolaria Quartiniana</i> Baker and <i>Erythrina Melanacantha</i> Harms	Dr. S. Swaleh Dr. R. Musau	MSc August 2012
5.	Faith Wangari Mburu I56/10651/2006	MSc	Determination of Cyanides in Cassava and Cassava Products in the Market in Some Parts of Kenya	Prof. W. Njue Dr. S Swaleh	MSc January, 2013
6.	Rachel Wanjiru. Nambafu I56/CE/12515/04	MSc	Bioavalability of Antioxidant Vitamin A, E & C in selected Indigenous Vegetables and their Use in the Management of	Prof. Nyambaka Dr. S. Swaleh	MSc (Analytical Chemistry, 2011)

			HIV/AIDS in Butula, Busia Kenya		
7.	Consolata Atieno Ager I56/7423/2001	MSc	Analysis of Chemical Composition of Cowpea Floral Volatiles	Prof. I. Ndiege Dr. S. Swaleh Prof. A. Hassanali Dr. R. Pasquet	MSc (2009)

6.4 Masters Research Supervision (On-going)

SN	Student Name & Registration No:	Degree	Research Project	Supervisors	Status
8.	Muthengi Alex Mugwiria I56/22813/2011	MSc	Structure Repellence studies on Stereoisomers of Menthane-diol and Analogues against <i>Rhipicephalus appendiculatus</i>	Prof. Hassanali Dr. S. Swaleh Dr. M. Nganga	Ongoing 60% done
9.	Esther Apiyo Ochieng I56/22814/2011	MSc	Quantification of Phytochemicals with antioxidant activity from Five Varieties of <i>Capsicum Annum L.</i> Grown in Homabay, Embu and Kirinyaga Counties in Kenya	Dr. S. Swaleh Prof. Hassanali	MSc Proposal Development
10.	Gerald Gitonga	MSc	Quantification of Selected Phytochemicals in Different Varieties of <i>Carica papaya</i>	Prof. Hassanali Dr. S. Swaleh	MSc (Proposal Development)
11.	Kerembu Paul Kipaa I56/CE/14216/2009	MSc	Phytochemical Of Antimicrobial Screening of the Sap of <i>Commiphora</i> Species	Dr. S. Swaleh Dr. Wanyonyi Dr. D. Oyoo	MSc (Proposal Development)
12.	Rose Adongo Okoth	MSc	Antiplasmodial and Ant-malarial activity of Some Plants used in Traditional Malaria Therapy	Prof. I. Ndiege Dr. S. Swaleh	Deferred

6.5 Project Supervision (Complete)

SN	Student Name & Registration No:	Research Project	Supervisors	Status
1.	Nerea Atieno Odondi	Analysis of Biodiesel	Dr. A. Wanyonyi	Completed

	I71S/84644/2007	Produced from Free Fatty Acids as an Alternative Petroleum Based Fuels	Dr. S. Swaleh	(2012)
2.	Mwangi Elizabeth Wambui I71/0563/2008	Analysis of Lead and Cadmium in Soils and Water Samples from the Dandora Waste Dumping Site and Nearby Nairobi River	Dr. S. Swaleh Dr. D. Oyoo	Completed (2012)
3.	Kimani Peter Gikonyo I71/0553/2008	Chemical Analysis of Bioethanol from Brewer's Spent Grain and Barley Straws	Dr. S. Swaleh Dr. A. Wanyonyi	Completed (2012)
4.	Steven M. Muchiri I71/0566/2008	Analysis of Total Fatty Matter and Total Free Alkali in Washing Bar Soaps in the Kenyan Market	Dr. S. Swaleh Dr. A. Wanyonyi	Completed (2012))
5.	Oboche D. Hannigton I73/0698/2008	Determination of Carotene in Fresh and Boiled Locally Available Vegetables	Dr. S. Swaleh Prof. Nyambaka	Completed (2012)
6.	Linnet Osebe Nyrieko I71S/3003/2007	Evaluation of Antibacterial Efficacy of <i>Erythrina Abyssinica</i> From Nyaribari Masaba District, Kisii, Kenya	Dr. S. Swaleh Dr. A. Wanyonyi	Completed (2011)
7	Kimani Rispah Waithira I71/1025/2007	Investigation of Levels of Albendazole in Dewormer Formulation in Kenyan Markets	Dr. S. Swaleh Dr. A. Wanyonyi	Completed (2011)
8.	Rottu J. Pamela I71/1962/2007	Determination of Levels of Mercury, Cadmium and Lead in Water and Water Hyacinth of Nairobi Dam, Kenya	Dr. A. Wanyonyi Dr. S. Swaleh	Completed (2011)
9.	Midigo Bernard Odiambo I73/2187/2006	Potential of Coffee as an Alternative Green Energy in Kenya	Prof. Chhabra Dr. Swaleh	Completed (2010)
10.	Mokua Dickson Nyaringita I71/2116/2006	Antimicrobial Activity of Anthraquinone Extraction from <i>Aloe vera. Var lanzae</i>	Dr. Swaleh Dr. A. Wanyonyi	Completed (2010)

11.	Nicholas Odhiambo I73/1697/2005	Phytochemical and Antimicrobial Studies of Traditional Drug <i>Conyza Floribumds</i> Kunth (Asteraceae)	Prof. Chhabra Dr. S. Swaleh	Completed (2009)
12.	Dorine Atem Makutwa I71/1642/2005	Preparation of Natural Shampoo from Acid oil, Rosemary Leaves, Citric Acid and Sodium Hydroxide	Dr. A. Wanyonyi Dr. S. Swaleh	Completed (2009)
13.	Caroline Nzilani Mutonga I71/1621/2005	Etching as an alternative Process of Recovering Copper from Waste Copper Metal or Copper alloys	Dr. A. Wanyonyi Dr. Swaleh	Completed (2009)
14.	Dennis Lubisia N I71/1649/2005	Determination of Sulphates, Nitrates, Nitrites and Phosphates in Sukuma wiki (<i>Brassica Sp.</i>)	Prof Nyambaka Dr. S. Swaleh	Completed (2009)

7.0 Conferences/ Seminars/ Workshops

7.1 Participation in Workshop/ Conferences

7.1a Academic Workshop/ Conferences

- **November 2014:** 6th International Conference on Appropriate Technology (6th ICAT) to be held at Kenyatta University from 20th – 23th November, 2014.
- **July, 2014:** Royal Society Workshop to be held at the University of Nairobi, Chiromo Campus from 8th – 9th July, 2014.
- **May, 2014:** DAAD – Alumni Conference held at Safari Park, Nairobi on 28th – 30th May, 2014.
- **April, 2014:** Royal Society of Chemistry and Procter and Gamble Company Workshop held at Kenyatta University on 2nd April, 2014.
- **February, 2014:** Kenya Chemical Society Workshop held at the KCS Nairobi Chapter Annual General Meeting held at Kenyatta University on 15th February, 2014.
- **December, 2013:** 15th Symposium of the Natural Products Research Network for Eastern and Central Africa (NAPRECA) held at the University of Khartoum, Sudan on 7th – 10th December, 2013.
- **August 2013:** Kenya Chemical Society Nairobi Chapter Workshop on Chemical Safety, Security and waste Management held at the Multimedia University on 31st August, 2013

- **June 2013:** Postgraduate Seminar by MSc & PhD Graduands, “Making Informed Choices for Kenya to Realize Double Digit Economic Growth” held at the BSSC on 19th and 21st September, 2013.
- **June 2013:** International Academic Conference “The Dean in the University of the Future Learning from and Progressing with each other” held at the University of Saarland, Saarbrueken, Germany on 27 – 28 June, 2013.
- **May 2013:** KDSA 2013 Annual Conference on African Cities of the Future: Smart, Sustainable, Participatory held at Safari Park on 30th – 31st May, 2013.
- November 2012: Attended the Small Wind Turbine Stakeholders Development Workshop at Laico Regency on 21st November, 2012.
- **November 2012:** Kenya DAAD Scholars Association Conference, “From Research to Action Towards Attaining Vision 2030” held at Egerton University, CMRT on 14 – 16th November, 2012.
- **November 2012:** Postgraduate Seminar by MSc & PhD Graduands, “Applying Research to Regional Challenges of Leadership and Citizenship” held at BSSC on 28th November, 2011.
- **August 2012:** Attended the Vaccines Workshop by Novartis Institute for Biomedical Research Natural Products by Global Head; Clinical Development & Regulatory Affairs at the University of Ghana on 4th August 2012.
- **August 2012:** Clinical Pharmacology Workshop by Novartis Institute for Biomedical Research Natural Products by Global Scientific Development Director at the University of Ghana on 4th August 2012.
- **August 2012:** Natural Products Workshop by Novartis Institute for Biomedical Research Natural Products Unit Scientists held at the University of Ghana on 3rd August 2012.
- **August 2012:** Attended the Scientific Seminar on Sustainable Pharmaceutical Manufacturing in Emerging Markets by Prof. Joseph M. Fortunak, Howard University, United States at the BSSC on 16th August, 2012.
- **August 2012:** Attended Kenya Chemical Society – Nairobi Chapter Workshop held at Jomo Kenyatta University of Agriculture and Technology held on 25th August, 2012.
- **July 2012:** Attended the Humboldt Conference organized by the Taita Taveta University College with the Support of Alexander von Humboldt Foundation, DAAD and NCST on 17th – 20th July 2012.
- **July 2012:** Attended the Ghana Biomedical Convention 5th Annual Conference. Theme: Enhancing Biomedical Research Education for National Development held at the Noguchi Memorial Institute for Medical Research, Legon- Accra, Ghana on 30th July – 1st August, 2012.
- **June 2012:** Attended the Hands-on- Workshop in Point of Care Diagnostic organized by the Institute of Primate Research (IPR), National Museums of Kenya and University of Alberta, Canada On 25th June, 2012.
- **February 2012:** Attended the Scientific Novartis Seedings Labs Seminar by Dr. Heather Burks and Dr. Lewis Whitehead held at the BSSC, Kenyatta University on 7th February, 2012.

- **Jan 2012:** Attended the Scientific Seminar on “Molecular Ecology of Insect Adaptation to Plant Defence” by Dr. Peter de Jong, Wageningen University, Netherlands at BSSC on 17th January, 2012.
- **November 2011:** Postgraduate Seminar by MSc & PhD Graduands, The Role of Research at Universities as Trailblazers of National Development held at BSSC on 24th - 25th November, 2011.
- **November 2011:** 3rd Biennial Scientific Conference on Heritage Management for Sustainable Development held at National Museums of Kenya on 7th – 9th November, 2011.
- **September 2011:** KDSA Proposal Writing Workshop jointly organized by DAAD, KDSA and NCST at Kenya Methodist University, Meru held on 16th – 18th September, 2011.
- **August 2011:** Attended the Kenya Chemical Society Workshop to be held on 27th August at Chiromo Campus, University of Nairobi.
- **August 2011:** Attended the Scientific Seminar on Unlocking the Potential of Nanomedicine held on 16th August, 2011 at the Business and Student Service Centre, Kenyatta University.
- **August 2011:** Attended the Natural Product Initiative Platform held on 5th August, 2011 at the National Museums of Kenya.
- **April 2011:** Attended the Natural Product Initiative Platform held on 14th April, 2011 at the National Museums of Kenya.
- **April 2011:** Attended the International Year of Chemistry held by Kenya Chemical Society on 30th April, 2011 at Business and Student Service Centre, Kenyatta University.
- **March 2011:** Attended the Launch of the Celebration of International Year of Chemistry 2011 in Kenya held at Chiromo Campus, 22nd March, 2011.
- **March, 2011:** Attended the Scientific Conference on the “International Year of Chemistry” organized by Kenyatta University Society for Industrial and Analytical Chemists held at the Business and Student Services Centre, Kenyatta University on 5th March, 2011.
- **December, 2010:** Attended the Workshop on “Natural Products Industry Initiative Stakeholders Workshop” at the National Museums of Kenya held on 9th December, 2010.
- **November, 2010:** Attended a workshop Presented by Harvard Scholars at BSSC held from October 25th – November 6th, 2010.
- **June 2010:** Attended the “Next Generation of Academic Network (NGAN)”, consultative meeting held on 2nd June, 2010.
- **March 2010:** Attended a Scientific Seminar on “Pot in Pot Reaction” Presented by Dr. Martin Mwangi Thuo, a Harvard Fellow at Kenyatta University on 18th March, 2010.
- **March, 2010:** Attended a Scientific Workshop on Africa’s Water Quality: A Chemical Perspective organized by the Pan Africa Chemistry Network at Chiromo Campus, University of Nairobi, on 26th March, 2010.

- **August, 2009:** participated in the African Network for Drugs and Diagnostic Initiative (ANDI) held in August, 2009 in Capetown, South Africa.
- **March, 2009:** Participated in the International Summer School in Sustainability in the Organic Chemistry Course held on 23rd – 30th March, 2009 at the Technische University, Carolo – Wilhemina zu Braunschweig, Germany.
- **April, 2009:** Participated in the Kenya Chemical Society biannual conference held on 25th April, 2009 at University of Nairobi, Chiromo Campus.
- **September, 2008:** Participated in the PACN Biodiversity Conference held on 10th – 12th September at the University of Nairobi, College of Biological and Physical Sciences, Chiromo.
- **August, 2008:** Participated in the Satellite Meeting “Relevance of Chemistry in a Globalized Society” organized by the 20th International Conference on Chemical Education, IUPAC & Kenya Chemical Society held on 11th – 12th August, 2008 at the University of Nairobi, Chiromo Campus.
- **April, 2008:** Participated in the training course on Effective Project Planning and Evaluation in Health Research, UNICEF/ UNDP/World Bank/ WHO special program for Research and training in Tropical Research held on 22 – 25 April, 2008 at the Trypanosomiasis Research Centre, KARI, Nairobi, Kenya.
- **March, 2008:** Attended the VicRes Workshop held in Kampala, Uganda from 16th – 22nd March, 2008.
- **December, 2007:** Attended the CHEMRAWN XII Conference held on 2nd – 5th December, 2007 at the University of Stellenbosch, Capetown, South Africa.
- **November, 2007:** Attended the 17th Institute of Primate Research Scientific Conference organized by the National Museum of Kenya held on 14 – 15 November, 2007 at the ICCT, Mbagathi Road, Nairobi, Kenya.
- **November, 2007:** Attended a Seminar by Mr. Peter Kilcoyne of Worcester University, UK on “e-Learning and its benefits Understanding the Pedagogical issues” held at the Science Complex 02 on 16th November, 2007.
- **May 2007,** Ecological Society for Eastern Africa (ESEA) Conference held at the National Museum of Kenya.
- **March 2007,** Effective Project Planning organized by the School of Pure and Applied Sciences & School Linkages Capacity Building Committee, Kenyatta University, 26th March, 2007.
- **February 2004:** Participation in the 1st Workshop on Research Ethics for DAAD scholars, Maseno University, Kenya.
- **October 2003:** Participation in the International Conference on Higher Education Management & Quality Assurance through Curriculum Design – A Case Study of Higher Education Management in East Africa, 3rd Dialogue on Innovative Higher Education Strategies, Safari park, Nairobi, Kenya.
- **November 2004:** Attended the 1st Annual Science Conference CBSP, November 19 – 20, Chiromo Campus, UoN.

7.1b Professional Workshop/ Conferences

- **June, 2014:** Participated in the Fact finding mission of the South Sudan Delegation comprising of members from University of Juba, Ministry of Gender and Social Affairs and UN Women, South Sudan Country Representative at ACTIL, Kenyatta University from 10th – 12th June, 2014.
- **May, 2014:** Participated in the training workshop for Zimbabwe women parliamentarians, politicians and Leaders held at ACTIL, Kenyatta University from 24th – 30th May, 2014.
- **April 2014:** Participated in the two consecutive workshops of ACTIL training process for mentees and their mentors of the Somaliland women political, administrative and aspiring leaders held at Maansoor, Hargeisa, Somaliland from 26th - 30th April, 2014.
- **April, 2014:** Transformational Leadership Training for the Exemplary Graduating Students of Kenyatta University organized by the University Mentoring Programme held at BSSC on 14th – 19th April, 2014.
- **February, 2014:** Launch of the Africa Centre for Transformative and Inclusive Leadership held on 19th February, 2014.
- **January, 2014:** Chinese Spring Festival Celebrations held at BSSC on 31st January, 2014.
- **October, 2013:** Official Book Launch of Tourism Chinese in Kenya and 1st Confucius Institute Graduation Ceremony held at BSSC on 25th October, 2013.
- **October, 2013:** The Gold Awards presentation by H.E Hon. Uhuru Kenyatta C.G.H The President and Commander in Chief of the Defence Forces of the Republic of Kenya and Patron, President's Award-Kenya at the State House, Nairobi on 4th October, 2013.
- **Sept 2013:** Mentors' Capacity Building Seminar held at BSSC on 10th September, 2013.
- **Sept 2013:** Ethics and Anti-Corruption Commission organized a Launch for the Manual for the Establishment of Integrity Clubs in Institutions of Learning in Kenya which was held at the Kenya Institute of Curriculum Development on 6th September, 2013.
- **June 2013:** HELB/ Universities Consultative Workshop held at Maazoni Lodge held on 12th – 15th June, 2013
- **June 2013:** Anti-corruption Seminar organized by the Ethics and Anti-Corruption Commission at Jumuia Guest House, Nakuru held on 5th – 6th June, 2013.
- **April 2013:** Attended a working retreat for the new board of Confucius Institute at the North Coast Beach Hotel, Mombasa on 11th – 14th April, 2013.
- **February 2013:** One-Day Induction Workshop organized by the Dean of Students held at the KUCC on 20th February, 2013.
- **January, 2013:** Digital Campus Connect Stakeholders Forum held at the Panafric Hotel on 30th January, 2013
- **December 2012:** Transformation Leadership Programme by Kenyatta University Mentoring Programme held at BSSC, Kenyatta University on 10th – 13th December, 2012.

- **November 2012:** Capacity building Seminars for Student Mentors held at the BSSC on 23rd November, 2012.
- **September 2012:** Participated at the NSE Investment Challenge Award Ceremony held on 19th September, 2012 at the NSE Trading Floor, Nation Centre.
- **September 2012:** Participated Regional Eastern African DIES Alumni Network REAL conference and Workshop on Networking for Quality in Higher Education held at KUCC on 17th – 21st September, 2012.
- **August 2012:** Attended a one day Workshop organized by the Office of the Dean of Students held at KUCC on 22nd August, 2012.
- **August 2012:** Attended the Capacity Building Seminar for Staff Mentors held at KUCC on 21st August, 2012.
- **April 2012:** Attended the Transformational Leadership Training as a Lead Facilitator held on 9th – 14th April 2012 at the Business Student Service Centre.
- **February 2012:** Attended the International Deans' Course Africa, Part III: February 20th – 24th in Addis Ababa, Ethiopia.
- **December 2011:** Attended the Transformational Leadership Training as a Lead Facilitator held at the Business Student Service Centre on 12th – 17th December, 2011.
- **November 2011:** Non-Violence Symposium organized by Amani Communities Africa (ACA) held at the Peace and Environment Centre (PEC House) on 10th November, 2011.
- **November 2011:** International Deans Course Africa 2011/2012 Regional Workshop (Part II), held at Kenyatta University Conference Centre 8th – 9th November, 2012.
- **November 2011:** Attended the Digital Campus Connect Project launch on behalf of the Dean of Students at the Sankara Hotel on 28th November, 2011.
- **November 2011:** Capacity Development for the County Governments in the New Constitutional Dispensation in Kenya held at Silver Spring Hotel, Nairobi on 16th November, 2011.
- **November, 2011:** Attended International Deans' Course Africa Regional Workshop (Part II) whose theme was Quality and Strategic Management in Higher Education Institutions in Eastern Africa held at KUCC on 8th – 9th November, 2011.
- **October 2011:** Attended the Workshop by the National Economic and Social Council (NESC) on Natural Products Industry Policy Agenda held at the Louis Leakey Auditorium, Natural Museums of Kenya on 19th October, 2011.
- **September 2011:** Attended the Training of Internal Quality Auditors for ISO 9001:2008 Quality Management System held at Kenyatta University Conference centre on 7th – 9th September, 2011.
- **September 2011:** Prevention of Drug and Substance Abuse Policy Launch held at KUCC on 16th September, 2011.
- **September 2011:** KDSA Proposal Writing Workshop jointly organized by DAAD, KDSA and NCST at Kenya Methodist University, Meru held on 16th – 18th September, 2011.

- **August 2011:** Attended Mid-Term Review of the 2nd wave of Rapid Results Initiative (RRI) held at KUCC on 2nd August, 2011.
- **July 2011:** KU Hosting Visitors from Handicap International DAAD Refugee Camp organized by KUDSO held at Business Student Services Centre on 19th July, 2011.
- **June 2011:** Attended the “International Deans’ Course Africa 2011/12” held in Osnabrueck and Berlin in Germany on 19th – 30th June, 2011.
- **May 2011:** Attended the Consultative Workshop on “Adult – Youth Partnership towards Peaceful and Democratic Institutions” organized by Amani Communities Africa (ACA) held at the Methodist Guest House on 9th May, 2011.
- **April 2011:** Attended Workshop on “Strategy for National Development” organized by the National Economic and Social Council (NESC) of Kenya, Office of the President held at the Louis Leakey Auditorium, NMK on 28th April, 2011.
- **April 2011:** Attended the Transformational Leadership Training Lead Facilitators, held on 11th – 16th April, 2011 at Business and Student Service Centre, Kenyatta University.
- **March 2011:** Transformation and RRI Leadership Orientation Workshop held on 29th – 30th March 2011 at the Utalii College.
- **February, 2011:** Attended The Role of Statisticians in Achieving Vision 2030 by Anthony Kilele, Director General, Kenya National Bureau of Statistics held at Kenyatta University on 25th February, 2011.
- **January 2011:** Attended Strategic Leadership and Change Management Workshop for Directors of State Corporations held at Kenya Institute of Administration on 14th – 17th January, 2011.
- **August 2010:** Attended the “Capacity Building” Seminar for Staff Mentors held at BSSC on 31st August, 2010.
- **August, 2010:** Attended the KUSA Student Leaders’ Seminar held at Pwani University College, Kilifi on 3 – 6th August, 2009.
- **July, 2010:** Attended the “Next Generation of Academic Network (NGAN)” held at Kenyatta University on 9th July, 2010.
- **May 2010:** Attended the Seminar on Prevention of Drug and Substance Abuse Training of Trainers held at Kenyatta University on 10th – 15th May, 2010.
- **April 2010:** Attended the Kenya DAAD Scholars Association Conference held at Kenyatta University Conference Centre on 14 – 16th April, 2010.
- **April 2010:** Kenya Chemical Society Conference held at Kenyatta University. on 24th April 2010.
- **February 2010:** Attended the Induction Program for NMK Board Members held at the Great Rift Valley Lodge on 17th – 20th February, 2010.
- **January 2010:** Participated in the Review Exercise for the National Council of Science and Technology held at Kenya Law School on 20th – 24th January, 2010.
- **January, 2010:** Attended the Speech by H.E. Amb. Dr. Seyyid Ali Sharifi Sadati Ambassador of the Islamic Republic of Iran to Kenya held at Kenyatta University Conference Centre on 28th January, 2010.

- **December, 2009:** Attended the Symposium on Nonviolence and Peace building for Public University Policy Makers and Student Leaders organized by Amani Community Centre held at ARC Hotel, Egerton University Njoro Campus. Kenya on 9th - 11th December, 2009.
- **December, 2009:** Attended the EAC Sensitization Workshop for Students and Academic Staff of Kenyatta University held on 4th December, 2009 at KUCC, Kenyatta University, Kenya.
- **November, 2009:** Participated in the Review work for the National Council of Science & Technology for proposals for support of Women Scientists from Private, Public Universities, Research Institutions and Government Departments held at KCB Management Centre, Karen on 5th – 7th November, 2009.
- **November, 2009:** Participated in the Outreach Symposium on Volunteerism held on 5th November, 2009 at Safari Park, Nairobi, Kenya.
- **October, 2009,** participated in the International Deans Course Africa 2009/10 Regional Workshop (Part II) held at KUCC on 30th October, 2009 at Kenyatta University, Kenya.
- **October, 2009:** Attended the Alumni Seminar '60 Years of German Constitution – Constitutional Debate in Kenya held on 22nd October, 2009 at the University of Nairobi, Kenya.
- **September, 2009:** Attended the Amani Communities Africa (ACA) workshop on Non-violence and Peace building for Kenyan Public Universities held on 22nd – 26th September at the Methodist Guest House, Nairobi, Kenya.
- **August, 2009:** Participated in the Strategic Plan Stakeholder's Consensus Building Workshop organized by the National Museums of Kenya and facilitated by Topridas Consultancy Services held at the Holiday INN on 20th August, 2009.
- **August, 2009:** participated in the DAAD conference on Impact of the Post Election Crisis in Kenyan Higher Education Institutions: Are the Ivory Towers part of the Problem or can they provide direction held on 8th August, 2009 at the University of Nairobi, Kenya
- **April, 2009:** Participated in the STI Grant Application Review Exercise organized by the National Council for Science and Technology in the Health and Life Sciences thematic area held on 20st to 25th April, 2009 at the Kenya School of Law, Nairobi, Kenya.
- **April, 2009:** World Conference on the Role of Education for Sustainable Development in Higher Education held at the United Nations held in Bonn, Germany on 31st March – 2th April.
- **March, 2009:** Prevention of Drug and Substance Abuse Seminar held at AVU Hall on 19th March 2009.
- **January 2009:** Attended Regional Eastern Africa Alumni Workshop on “Training of Trainers” held at Ridar Hotel, Uganda on 12th – 16th January, 2009.
- **December, 2008:** Alumni Reunion Day, Kenyatta University held on 8th December, 2008.
- **October, 2008:** Attended the 2nd DAAD Regional Conference/ AvH held on 23 – 26 October at the Laico Regency, Nairobi, Kenya.

- **August, 2008:** Participated in the KDSA Conference organized by the KDSA - UoN Chapter on “The Impact of the Post Election Crisis on Kenyan Higher Education Institutions; Are the Ivory Towers part of the problems or can they provide direction” held at the University of Nairobi on 8th August, 2008.
- **November, 2007:** Attended Seminar on the Relevance of Intellectual Property Rights to Institutions of Higher Learning, AVU hall, Kenyatta University.
- **November, 2007:** Presented a paper on “Multidisciplinary Approach – A Way Forward for Higher Education Institutions” at the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 28th October – 5th November, 2007 in Lilongwe, Malawi.
- **October 2007,** KDSA Conference held in Egerton University on 19 – 21, October, 2007.
- **October 2007,** Girls Forum held at the Aberdares’ Hostel, Kenyatta University on 27th October, 2007.
- **June, 2007,** Mentor’s Capacity Building Seminar held on 12th June, 2007 at the Utalii Hotel, Kenya.
- **July 2007,** Kenyatta University Capacity Building Seminar for Mentors, Utalii, Kenya.
- **July 2007,** Risk of Education Workshop organized by the School of Education held at the AVU hall on 26 – 27 July, 2007.
- **May 2007,** Teaching Practice/ Assessment Orientation Programme at Kenyatta University, Kenya.
- **March, 2007:** participated in the Training Workshop on Effective Project Planning organized by the School of Pure and Applied Sciences & School Linkages Capacity Building Committee, Kenyatta University, 26th March, 2007.
- **February 2007,** ISO Training by Kenya Bureau of Standards held at Kenyatta University held on 20th February, 2007.
- **November 2006,** 1st International Regional Eastern African UNISTAFF Alumni Workshop to be held on 6 – 10th November, 2006 at Kenyatta University Kenya.
- **October, 2006,** 1st DAAD Regional Conference to be held on, October, 2006 at Silver Springs, Nairobi.
- **September 2006,** Stakeholders’ Workshop, Towards Market-Sensitive Training and Problem-Oriented Research Programmes in Environmental Chemistry, University of Nairobi held on 6th September, 2006.
- **August 2006:** KU Capacity Building Seminar on Mentoring held on 24 & 28 August, 2006 at Utalii Hotel, Nairobi.
- **July 2006:** KU Proposal Writing Workshop held on 17th July, 2006 at Utalii, Hotel, Nairobi.
- **June 2006,** DIES Workshop Part II on International Proposal Writing to be held on 26 – 30 June, 2006 at Silver Spring Hotel, Nairobi, Kenya.
- **March 2006:** 4th VicRes Harmonization of Proposal Writing Workshop held at AICAD, JKUAT Kenya.

- **February, 2006:** 1st Alumni Network Africa Conference – [An@fric](#) held on 6 – 7 February, 2006 at NIBS, Kileleshwa, Nairobi.
- **December 2005:** DIES Workshop Part I on International Proposal Writing held at Silver Spring Hotel, Nairobi, Kenya.
- **August 2005:** Organized and Participated in the 5th International Kenya Chemical Society (KCS) conference held 22 – 26, August 2005 at Kenyatta University. Secretary of the 5th KCS Conference Organizing Committee.
- **August 2005:** Participated in the Africa Alumni Network organized and sponsored by Inwent held 27 – 30 August, 2005 at Pretoria, South Africa.
- **May 2005:** Participated in the Kenya DAAD Scholars Association Conference held on May 26-27th May, 2005, Science Boardroom at Kenyatta University. Executive member of the Secretariat Organizing Committee of the KDSA.
- **November 2004:** Participated in the Workshop on Science and Technology Research Policy for Sustainable Development in Kenya in November 11 – 12, Milimani Hotel organised by UoN.
- **October 2004:** Participated in the Kenya DAAD Scholars Association (KDSA) Conference, “Universities and Communities – Enhancing Collaboration to build a Working Nation, in October, 27 –30, AICAD, JKUAT.
- **August 2004:** Leadership Workshop for African Women Scientist and Engineers (AWSE), August 16th – 20th, Safari Park Hotel, Nairobi.
- **March 2004:** Actively Participation in the Workshop for Alumni and other interested parties:- Kenya and Germany: Perspectives on Working Together as partners, held at the Goethe Institute Inter Naciones, Nairobi.
- **February 2004:** Participation in the 1st Workshop on Research Ethics for DAAD scholars, Maseno University, Kenya.
- **October 2003:** Participation in the International Conference on Higher Education Management & Quality Assurance through Curriculum Design – A Case Study of Higher Education Management in East Africa, 3rd Dialogue on Innovative Higher Education Strategies, Safari park, Nairobi, Kenya.
- **November 2004:** Attended the 1st Annual Science Conference CBSP, November 19 – 20, Chiromo Campus, UoN.

7.2 Presentation of Papers at Academic and Professional Conferences

- **December 2013:** Presented a paper on “ Two Pterocarpan and an Ester of Ferullic Acid from *Erythrina Melanacantha* Harms” at the 15th Symposium of Natural Products Research Network for Eastern and Central Africa (NAPRECA) held in at the University of Khartoum, Sudan from 3rd – 10th December, 2013.
- **November 2013:** To to date a paper entitled “Potential Cassava Toxicity and its Adverse Effects at the Regional Conference of the International Network of Women Engineering Scientist (INWES) organized by the African Women in Science & Engineering to be held on 19th – 21st, Nairobi, Kenya.

- **June 2013:Presented** a paper on “Self Assessment on Student Support & Welfare Services, an Essential Strategic Criterion towards the University of the Future in the International Academic Conference whose theme is “The Dean in the University of the Future Learning from and Progressing with each other” held at the University of Saarland, Saarbrueken, Germany on 27 – 28 June, 2013.
- **February 2013:** “Overview of Support Services and DSA Service Charter of the Office of the Dean of StudentsPresented in the DSA Workshop held at KUCC on 20th February, 2013.
- **November, 2012:** “Potential Cassava Toxicity and Associated Diseases”, a research paper Presented at the Kenya DAAD Scholars Association Annual Scientific Conference to be held at Egerton University on 13th – 16th November, 2012.
- **November, 2012:** “Chemical and Environmental Assessment of Low Cost Wind Turbine: Roles of Collaborators” Paper presented in the Small wind Turbine Stakeholder Development Workshop held at the Laico Regency on 21st November, 2012.
- **October, 2012:** Presented a motivational talk on Study Opportunities to Mutomo Girls under Kenyatta University Mentoring programme on 12th October, 2012.
- **September, 2012:** “Development of Internal/ Self assessment Tool on Student Welfare Services for the Office of Dean of Students” Presented a follow up of my Project Action Plan (PAP) at the Regional Eastern African DIES Alumni Network - REAL Conference and Workshop on Networking for Quality Higher Education held at KUCC, on 17th – 21st September, 2012.
- **August, 2012:** “Overview of Support Services and Activities by the Office of the Dean of StudentsPresented in the DSA Workshop held at KUCC on 22nd August, 2012.
- **July, 2012:**Presented a Poster on “Potential Cyanide Cassava Toxicity and Associated Diseases” at the Ghana Biomedical Convention and Ghana Biomedical Research Network held at Noguchi Memorial Institute for Medical Research, Accra, Ghana from 30th July – 1st August, 2012.
- **July, 2012:**Presented a paper on “Cassava Toxicity and associated Diseases” at the Humboldt Kolleg Conference organized by AvH Alumni Association, DAAD and held at Taita Taveta University College, Voi on 17th – 20th July, 2012.
- **June, 2012:** Presented a Poster entitled “Analytical Chemistry for Diagnosis and Chemotherapy” at the Point of Care Diagnostic Conference organized by University of Alberta and Institute of Primate Research. National Museums of Kenya held at the National Museums of Kenya on 25 – 29th June, 2012.
- **May, 2012:** 2nd Scientific Conference of the Kenya Medical Training College, Presented a paper entitled Cassava Toxicity and Associated Diseases at the Faculty of Nursing, KMTC, Assembly Hall on 9th – 11th May 2012.
- **April 2012:** Presented a Seminar on the Role of the Dean of Students in Student Affairs at the KUSA Leaders’ Seminar held at KU- Mombasa Campus on 22nd – 26th April, 2012.

- **February, 2012:** Presented a Project Action Plan (PAP) on – Way Forward at the International Deans’ Course Africa held in Addis Ababa University, Ethiopia on 20th – 24th February, 2012.
- **November, 2011:** Presented a Project action Plan (PAP) on Development of Internal/Self Assessment Tool on Student Welfare Services for the office of the Dean of Students – Follow up at the Regional Workshop (Part II) whose theme was Quality and Strategic Management in Higher Education Institutions in Eastern Africa held at KUCC on 8th – 9th November, 2011.
- **December, 2010:** Presented a Seminar on Do’s and Dont’s of Proposal Writing to the prospective Applicants of the Kenyan – German Postgraduate (PhD) Training Programme for Graduate School as a KDSA member at the Kenyatta University Students and Business Centre held on 16th December, 2010.
- **August, 2010:** Poster presentation entitled “Medicinal Plants: A Rich Source of Bioactive Natural Products” held at Novartis Institute of Biomedical Research (NIBR), Cambridge, Boston, USA on 19th August, 2010.
- **August, 2010:** Seminar presentation at the Investigative Toxicology (iTox) Department of Novartis Institute of Biomedical Research Institute held at Novartis Institute of Biomedical Research (NIBR), Cambridge, Boston, USA on 10th August, 2010.
- **August, 2010:** Presented a Seminar at the Early Development Chemistry (EDC) Department held at Novartis Institute of Biomedical Research (NIBR), Cambridge, Boston, USA on 17th August, 2010.
- **July, 2010:** Presented a Scientific Seminar in the Chemistry Symposia at the Research Group of Prof. George Whitesides, School of Chemistry, Harvard Medical School held the on 23rd July, 2010.
- **August, 2009:** Paper presentation on “Bioassay-guided isolation of antimalarial protoberberines and aporphine alkaloids from *Annickia kummeriae*” at the 2009 NAPRECA conference, DRC Congo held on 10th – 14th August, 2009.
- **November, 2008:** Poster presentation entitled “Resolution of Enantiomers by Lipase-catalyzed Fluorous-Phase Delabing” at the 1st Regional Scientific Conference of School of Pure and Applied Sciences held on 11 – 14 November, 2008 at the AVU Hall, Kenyatta University.
- **November, 2007:** Represented a paper on “Multidisciplinary Approach – A Way Forward for Higher Education Institutions” at the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 28th October – 5th November, 2007 in Lilongwe, Malawi.
- **July 2006:** NAPRECA seminar on the role of Natural and Herbal Products in Bioprospecting for useful drug products for Health- Care held on 7th July, 2006 at the Jomo Kenyatta University of Agriculture & Technology.
- **August 2005:** Poster presentation at the 11th NAPRECA Symposium Workshop held on 1st – 9th August, 2005, at IMRA in Antananarivo, Madagascar.

- **March 2004:** Paper presentation on "Strengthening of Research Programs in Higher Education Institutions" in the Workshop on Research Management – Data Acquisition, Analysis and Dissemination, AICAD, JKUAT, Nairobi.
- **July 2003:** Seminar presentation on "Organizing and Strengthening of Research Programs at the School of Pure and Applied Chemistry, Kenyatta University", at Institute of Socio-Cultural Studies, University of Kassel, Witzenhausen, Germany.
- **August 2003:** Poster presentation "Resolution of Enantiomers by Lipase-catalyzed Fluorous-Phase Delabing" in the 39th IUPAC 2003 and 86th Conference of the Canadian Society for Chemistry, Ottawa, Canada.
- **October 2002:** Seminar presentation in the Department of Chemistry, Kenyatta University.
- **July 2000:** Poster presentation at the 100 Jahre, Chemie Institute in der Hessische Strasse, Humboldt Univ. Berlin (To dateed and Coordinated).
- **November 1999:** Poster presentation at the Joint Universities and Industries "Tag der Chemie" at the Humboldt Univ. Berlin (To dateed and Coordinated).
- **August 1999:** Poster presentation at the 37th IUPAC Congress/CDCh general meeting in Berlin, Germany.
- **October 1998:** Poster presentation at the 18th European Colloquim on Heterocyclic Chemistry Conference in Rouen, France.
- **September 1998:** Poster presentation at Badneuheim, Germany.
- **November 1997:** Poster presentation at a Joint Universities and Industries annual Scientific Conference, Freie University of Berlin, Germany.
- **October 1994:** Seminar presentation on the MSc project in the Chemistry Department as well as the Kenyatta University Graduands Seminar.

7.3 Convening and Coordinating Conferences

- **November 2014:** Member of the Local Organizing Committee (LOC), Kenyatta University for the 6th International Conference on Appropriate Technology (6th ICAT) to be held at Kenyatta University from 20th – 23th November, 2014.
- **June, 2014:** Facilitated the fact finding mission of the South Sudan Delegation comprising of members from University of Juba, Ministry of Gender and Social Affairs and UN Women, South Sudan Country Representative at ACTIL, Kenyatta University from 10th – 12th June, 2014.
- **May, 2014:** Coordinated and facilitated a training workshop for Zimbabwe women parliamentarians, politicians and Leaders held at ACTIL, Kenyatta University from 24th – 30th May, 2014.
- **April 2014:** Coordinated and facilitated two consecutive workshops of ACTIL training process for mentees and their mentors of the Somaliland women political, administrative and aspiring leaders held at Maansoor, Hargeisa, Somaliland from 26th - 30th April, 2014.

- **April, 2014:** Coordinated the Transformational Leadership Training for the Exemplary Graduating Students of Kenyatta University organized by the University Mentoring Programme held at BSSC on 14th – 19th April, 2014.
- **February, 2014:** Organized and Coordinated as a member of the Planning Committee for the Launch of the Africa Centre for Transformative and Inclusive Leadership held on 19th February, 2014.
- February, 2014: Coordinated the Disability Day held in February, 2014.
- **November 2013:** Coordinated in collaboration with the Kenyatta University Red Cross Chapter the Cancer Awareness Talk by the Kenya Cancer Association (KENCASA) held at BSSC, Kenyatta University on 2nd November, 2013.
- **October 2013:** Facilitated the Kenyatta University Students Association (KUSA): Leaders Inauguration Ceremony as the Master of Ceremony at the Science Complex 2 on 23rd October, 2013.
- **October 2013:** Played a Key University Role in presenting the Dean of Students during the Kenyatta University Mega Public Lecture by the “Mightiest Prophet of the lord” Dr. David Edward Owuor held at the Bishop Square on 24th October, 2013.
- **September 2013:** Facilitated the Capacity Building Seminar for Student Mentors held at the BSSC on 21st September, 2013.
- **September 2013:** Coordinated and facilitated the Capacity Building Seminar for Staff Mentors held at the BSSC on 10th September, 2013.
- **September, 2013:** Organized in collaboration with the Kenya Cancer Association (KENSA) and Kenyatta University Red Cross Chapter the Cancer Awareness Day held at BSSC on 2nd November, 2013.
- **June 2013:** Chair of a session during the Anti-corruption Seminar organized by the Ethics and Anti-Corruption Commission at Jumuia Guest House, Nakuru held on 5th – 6th June, 2013.
- **April, 2013:** Coordinated the Transformational Leadership Training for the Exemplary Graduating Students of Kenyatta University organized by the University Mentoring Programme held at BSSC on 15th – 20th April, 2013.
- **February, 2013:** As a member of the Organizing Committee coordinated the Kenyatta University Fourth Disability Day held at the Kenyatta University Amphitheatre on 22nd February, 2013.
- **February, 2013:** Organized and Coordinated the DSA Induction Workshop for newly appointed Wardens held at KUCC on 20th February, 2013.
- **December, 2012:** Coordinated the Transformational Leadership Training for the Exemplary Graduating Students of Kenyatta University organized by the University Mentoring Programme held at BSSC on 9th – 13th December, 2012.
- **November, 2012:** Coordinated the Capacity Building Seminar for Fourth Batch of Students Mentors, Kenyatta University Mentoring Programme held at BSSC on 23rd November, 2012.

- **November, 2012:** Coordinated a one day Workshop on Small wind Turbine Stakeholder Development Workshop held at the Laico Regency on 21st November, 2012.
- **September, 2012:** Coordinated and Resource Person for the Regional Eastern African DIES Alumni Network (REAL) – Networking for Quality Higher Education Preconference Workshop held on 17th September, 2012.
- **September, 2012:** Coordinated as a Facilitator / Resource Person the Kenyatta University Mentoring Programme Capacity Building Seminar for Student Mentors held on 22nd September, 2012.
- **August, 2012:** Member of the Executive Organizing Committee and Chairperson of the Communication Committee for the International Gender Based Violence Conference held at Kenyatta University on 1st – 5th August, 2012.
- **August, 2012:** Organized and coordinated the DSA Workshop on Revised Strategic Plan, Departmental and Work Instructions held on 22nd August, 2012.
- **April, 2012:** Coordinated the Transformational Leadership Training for the Exemplary Graduating Students of Kenyatta University organized by the University Mentoring Programme held at BSSC on 9th – 14th April, 2012.
- **February, 2012:** Member of the Executive Organizing Committee for the 3rd Disability Day held at the Bishop Square, Kenyatta University on 17th February, 2012.
- **February, 2012:** Coordinated and convened the Digital Campus Connect (DCC) Launch held at Kenyatta University on 8th February, 2012. Digital Campus Connect (DCC) is a one year pilot project funded by Rockefeller Foundation which engage 500 Students from three Universities: Moi University, Maseno and Kenyatta University. TechnoServe has partnered with Daprom Africa to run the DCC project.
- **December, 2011:** Coordinated as lead Facilitator the Transformational Leadership Training held at Kenyatta University on at the Business and Student Services Centre on 12th – 17th, December, 2011.
- **November, 2011:** Presented a Project action Plan (PAP) on Development of Internal/ Self Assessment Tool on Student Welfare Services for the office of the Dean of Students – Follow up at the Regional Workshop (Part II) whose theme was Quality and Strategic Management in Higher Education Institutions in Eastern Africa held at KUCC on 8th – 9th November, 2011.
- **November, 2011:** Member of the KDSA organizing committee for the Capacity Development for the County Governments in the New Constitutional Dispensation in Kenya held at Silver Spring Hotel, Nairobi o 16th November, 2011.
- **November, 2011:** Organized, Coordinated and convened the International Deans' Course 2011/2012 Africa, Regional Conference whose theme was Quality and Strategic Management in Higher Education Institutions in Eastern Africa held at Kenyatta University Conference Centre on 7th – 10th November.
- **October, 2011:** Member of the organizing committee for the School of Pure and Applied Sciences Kitui campus Open day.

- **September, 2011:** Member of the organizing Committee for the Prevention of Drug and Substance Abuse Policy Launch held at KUCC on 16th September, 2011.
- **September, 2011:** Coordinated and facilitated the KDSA Proposal Writing Workshop jointly organized by DAAD, KDSA and NCST at Kenya Methodist University, Meru held on 16th – 18th September, 2011.
- **August, 2011:** Facilitated the Stakeholders Meeting to Introduce Concept of Clusters organized by the Natural Product Platform Initiative held at the National Museums of Kenya on 5th August, 2011.
- **April, 2011:** Coordinated as lead facilitator the Transformational Leadership Training held at Kenyatta University at the Business and Student Services Centre on 11th – 16th, April, 2011.
- **November, 2010:** Member of the organizing committee, coordinated and convened the Seminars Presented by the Harvard University and Seeding labs Ambassadors at the Business Student and Services Centre on 21st October – 6th November, 2010.
- **April, 2010:** Member of the organizing committee for the KDSA 2010 Conference held at KUCC on 14th – 16th April, 2010.
- **January, 2010:** Coordinated the Speech by H.E Amb. Dr. Seyyid Ali Sharifi Sadati, Ambassador of the Islamic Republic of Iran to Kenya on 28th January, 2010.
- **December, 2009:** Organized, Coordinated and convened the EAC Sensitization Workshop for Students and Academic Staff of Kenyatta University held on 4th December, 2009 at KUCC, Kenyatta University, Kenya. Supported by Kenyatta University and the Secretariat, East African Community.
- **October, 2009:** Member of the Executive organizing Committee for the Alumni Seminar 60 Years of German Constitution – Constitutional Debate in Kenya held on 22nd October, 2009 at the University of Nairobi, Kenya.
- **August, 2009:** Coordinated with support from the Dean of Students the KUSA Student Leaders' Seminar held at Pwani University College, Kilifi on 3rd -6th August, 2009.
- **May, 2009:** Facilitator/ Resource person for the Training of Trainers (ToT) for Institutions of Higher Education in Somalia organized by the Centre for Capacity Development in Higher Education, Kenyatta University held on 18 May – 2 June, 2009.
- **November, 2008:** Member of the organizing committee for the 1st Regional Scientific Conference of School of Pure and Applied Sciences held on 11 – 14 November, 2008 at the AVU Hall, Kenyatta University.
- **October, 2008:** Member of the organizing committee for the 2nd DAAD Regional Conference/ AvH held in on 23- 26 October at the Laico Regency, Nairobi, Kenya.
- **August, 2008:** Member of the organizing committee for conference on the Impact of the Post Election Crisis on Kenyan Higher Education Institutions: Are the Ivory Towers Part of the Problem or Can they Provide Direction held at the University of Nairobi on 8th August, 2008.
- **July, 2008:** Member of the organizing committee for the conference on the Influence of Post Election Crises on Higher Education Institutions in Kenya, Can the Ivory Tower

help to fight Ethnicity held on 4th July, 2008 at the University of Nairobi, Chiromo Campus.

- **October, 2007:** Member of the executive organizing committee for the KDSA conference held at Egerton University, Njoro between 17- 19 October, 2007.
- **October, 2007:** Organized, Coordinated and convened The Girls Forum held at the Aberdares' Hostel, Kenyatta University on 27th October, 2007.
- **November, 2006:** Member of the executive organizing committee for the 1st International Regional Eastern African UNISTAFF Alumni Workshop to be held on 6 – 10th November, 2006 at Kenyatta University Kenya.
- **October, 2006:** Member of the organizing committee for the 1st DAAD Regional Conference to be held on, October, 2006 at Silver Springs, Nairobi.
- **August, 2005:** Organized, coordinated and convened the 5th International Kenya Chemical Society (KCS) held on 22 – 26 August, 2005 at AVU, Kenyatta University. Secretary of the KCS - Organizing Committee.
- **July 2004:** Paper presentation on “Towards Establishing a Research Centre at Kenyatta University – A way of Promoting Relevance and Quality in Education” in the 1st Unistaff Network Conference, University of Kassel, Witzenhausen, Germany.
- **July 2000:** Poster presentation at the 100 Jahre, Chemie Institute in der Hessische Strasse, Humboldt Univ. Berlin (To dateed and Coordinated).
- **November 1999:** Posterpresentation at the Joint Universities and Industries “Tag der Chemie” at the Humboldt Univ. Berlin (To dateation and Coordinated).

8.0 Research and Publications

8.1 Articles in Refereed Journals – International Journals

- Hamisi M. Malebo., Tanja Wenzler., Monical Cal., **Sauda M. Swaleh.**, Ahmed Hassanali., Alex K. Machocho., Daniel Häussinger., Petur Dalsgaard., Maurice O. Omolo., Urs Séquin., Matthias Hamburger., Reto Brun and Isaiah O. Ndiege (2013). Anti-protozoal and structure-activity of chemical constituents of *Acridocarpus chloropterus* Oliver (Malpighiaceae) from Tanzania”. International Journal of Natural Product Research, 2013; 3(4); 74-81. <http://www.urpjournals.com>. ISSN:2249-0353.
- Hamisi M. Malebo., Tanja Wenzler., Monical Cal., **Sauda M. Swaleh.**, Maurice O. Omolo., Ahmed Hassanali., Urs Séquin., Daniel Häussinger., Petur Dalsgaard., Matthias Hamburger., Reto Brun and Isaiah O. Ndiege. (2013). Anti-protozal activity of aporphine and protoberberine alkaloids from *Annickia kummeriae* (Engl. & Diels) Setten & Maas (Annonaceae). *BMC Complementary and Alternative Medicine*, 13:48, 1-10, 2013. <http://www.biomedcentral.com/1472-6882/13/48>.
- Stanley Tumbo., Richard Musau., Paul Tarus., Wilson Njue., **Sauda Swaleh.** (2013) Two Pterocarpan and an Ester of Ferulic Acid from *Erythrina melanacantha*. *Journal of Kenya Chemical Society*. 7(1), 11 – 17, 2013. JKCS-ISSN 1811-5934.

- Mayeku, Phillip Wafula., Ahmed Hassanali., **Swaleh, Sauda.** (2013). Phenolic and Monoterpenoid Mosquito Repellants of Headspace vapors of *Conyza newii*. *Journal of Kenya Chemical Society*, 7(1), 7-10, **2013**. JKCS-ISSN1811-5934.
- Faith W. Mburu., **Sauda Swaleh.**, Wilson Njue. (2012). Potential toxic levels of cyanide in Cassava grown in some parts of Kenya. *African Journal of Food Science*. 6(16), 416-420, **2012**. ISSN 1996-0794@2012. <http://www.academicjournals.org/AJFS>.
- Njue, W.M., Mburu, F., **Swaleh, S.** (2011) Fatal cassava food poisoning in Eastern Province, *Cassava Cyanide Diseases and Neuronathyrism Network (CCDN)*, 18, **2011**. ISSN1838-8817(print): ISSN 1838-8825: ISSN 1838-8825 (Online).
- Hamisi M. Malebo., Wenzler Tanja., Monica Cal., **Sauda M. Swaleh.**, Ahmed Hassanali., Isaiiah. O. Ndiege., Urs. Sequin., Danniell Haeussinger., Matthias Hamburger., Reto Brun. Anti-plasmodial, anti-trypanosomal, anti-leishmanial and cytotoxicity activity of selected Tanzanian medicinal plants. *Tanzanian Journal of Medicinal Plants*. 11 (4) **2009**, ISSN 1821-6404.
- Mayeku, P. Wafula., Ahmed Hassanali., Kiremire Bernard., Odalo Josiah Ochieng., Christian Hertweck., **Swaleh, S.** (2013). Antibacterial Activities and Phytochemical Screening of Extracts of Different Parts of *Thalictrum Rhynchocarpum*. Submitted to *Journal of Traditional Complementary and Alternative Medicine*.
- Waswa, Fuchaka and **Swaleh, Sauda.** (2012). Faculty Assessment of the Status of Corporate Management in Public Universities in Kenya. *Herald Journal of Education and General Studies*. **2012**, 1(1), 9-15. <http://www.heraldjournals.org/hjeps/archives.htm>
- Rachel Nambafu., **Sauda Swaleh** and Hudson Nyambaka. Bioavailability Studies of Vitamin A and E in Indigenous Vegetables and their Potential Use in the Management of HIV and AIDS. In Preparation for Submission to Journal of Food Science (JFS).
- Philip W Mayeku., Ahmed Hassanali., Isaiiah O Ndiege., Josiah O Odalo., Benard T Kiremire and **Sauda Swaleh** . Variations in Chemical Composition and Mosquito Repellency of *Conyza newii* Essential Oil from different Geographical Locations of Kenya. Submitted to Journal of Insect Science. **2012**.
- Stanley Tumbo., Richard Musau., Paul Tarus., **Swaleh Sauda.** Studies on Medicinal Properties and In Vitro Antimicrobial Activity of *Crotolaria quartininana*. In Preparation
- Hamisi, Malebo.; **Sauda Swaleh.**; A. Hassanali.; I.Ndiege.; U.Sequin.; R. Brun. Promising invitro antimalarial activity of *Annickia kummeriae*, a Tanzanian medicinal plant, *Abstract/Acta Tropica*. 117C, S192, **2005**.
- Fritz Theil, Helmut Sonnenschein, Benno Hungerhoff and **Sauda M. Swaleh.** *Combining Lipase-catalyzed Kinetic Resolutions of Racemic Alcohols with Fluorous Phase Labelling*. Handbook of Fluorous Chemistry edited by John A. Gladysz.; Dennis P. Curran.; István T. Horváth. Wiley-VCH Verlag GmbH & Co. KgaA @**2004, ISBN-3-527-30617-x**, Chapter 10.15, 223-332, Chapter 11, part 11.19, 403 - 405, part 11.20, 405, part 11.21, 407 - 409.
- **Sauda, Swaleh.**; Jürgen, Liebscher. New Strategy for the Synthesis of Iminoglycitols from Amino acids. *J. Org. Chem.* **2002**, 67, 3184.

- **Sauda, Swaleh.**; Benno, Hungerhoff.; Helmut Sonnenschein; Fritz, Theil. Separation of enantiomers by lipase-catalyzed fluororous-phase delabelling. *Tetrahedron*, **2002**, 58 (20), 4085
- Zhiyong, Luo.; **Sauda, M. Swaleh.**; Fritz, Theil.; Dennis, P. Curran. Resolution of 1-2-(2-Naphthyl)ethanol by a combination of an enzyme-catalyzed kinetic resolution with a fluororous triphasic separation reaction. *Organic Letters*, **2002**, 4 (15), 2585.
- **Sauda, Swaleh.**; Burkhard, Ziemer. 2-[(2-phenyl-1,3-oxazol-4-yl)methyl]-2H-1,2,3-benzotriazole. *Acta Cryst*, **2001**, E57, o37.
- **Sauda, Swaleh.**; Heike Faltz.; Jürgen, Liebscher. Synthese von Alkaloid – analoga und Azazuckern ausgehend von biogenen Aminosaeuren' 100 Jahre Chemie Institute in der Hessische Strasse, *Festschrift*, **2000**, Seite 62 – 63.
- **Sauda, Swaleh.**; Jürgen, Liebscher. An all-cis 3,4-Dihydroxy-5-aminopiperidine by a Novel Route to Deoxydiamino Sugars. *Tetrahedron Letters*, **1999**, 40, 2099.
- **Sauda, Swaleh.**; Jürgen, Liebscher. A Novel Route to Deoxyzasugars, Tag der Chemie – Wissenschaft trifft Industrie, *Wissenschaftliche Dokumentation – Humboldt Universitaet*, Berlin, **1999**.

8.2 Papers in Conference Proceedings

- Faith W. Mburu., **Sauda Swaleh.**, Wilson Njue. (2012) Evaluation of Hydrogen Cyanide Content in Different Cassava Cultivars Using Spectrometric Method. Proceedings from the Inaugural Conference on Nanotechnology and Material Science Development in Kenya, 18th – 21st July, 2012.
- Njue, W.M., Mburu, F., Nguyo, F., **Swaleh, S.** (2012) Cassava Toxicity and Associated Diseases. Proceedings of the 2nd Scientific Conference of the Kenya Medical Training College 30 – 31 May, **2012**. (www.kmtc.ac.ke).
- Swaleh S., Njue W, Mburu F, and Nguyo F. (2012). Potential Cassava Toxicity and Associated Diseases. *Book of Abstracts* of the Egerton Chapter – Kenya DAAD Scholars Association Conference, **2012**, From Research to Action Towards Attaining Kenya Vision 2030. Social/ Science & Technology [6].
- S. Swaleh, W. Njue, F.W. Mburu, F. Nguyo. (2012). Potential Cyanide Cassava Toxicity and Associated Diseases. 5th Annual Conference Ghana Biomedical Convention. *Book of Abstracts*, **2012**, Nutrition, Food Science and Dietetics [59], 89. <http://www.ghanabiomedicalconvention.org>
- W. Njue., F.W. Mburu., **S. Swaleh.**, F. Nguyo. (2012) Potential Cyanide Cassava Toxicity and Associated Diseases. *Book of Abstract*, **2012**. The Future of Biodiversity Research in Africa: Scope, Opportunities, Collaborations, Access and Sharing Benefits in the Humboldt-Kolleg held at the Taita Taveta University College, Voi, Kenya on 17th – 20th July, 2012.
- **Sauda, M. Swaleh.**; Fritz, Theil. Resolution of Enantiomers by Lipase catalysed Fluororous – Phase Delabelling, 39th IUPAC Congress and 86th Conference of the Canadian Society for Chemistry, *Book of Abstracts*, **2003**, OR.9.PO55, 257. www.iupac2003.org.

- Hamisi M. Malebo., Tanja Wenzler., Monical Cal., **Sauda M. Swaleh.**, Ahmed Hassanali., Reto Brun., Urs Séquin., Daniel Häussinger., Petur Dalsgaard., Maurice O. Omolo., Matthias Hamburger., and Isaiah O. Ndiege. Antiplasmodial, antitrypanosomal and antileishmanial aporphine and protoberberine alkaloids from *Annickia kummeriae* (Engl. & Diels) Setten & Maas (Annonaceae). Submitted to Phytochemistry. **2012.**

8.3 Books

- **Sauda M. Swaleh.** E.Waweru. Stress Management in Leadership and Management, a section in the Leadership and Management Module to be offered to all final year students before graduation.
- **Sauda M. Swaleh.** *A Novel Route to Deoxyzasugars.* Berlin; Köster 2001 (Wissenschaftliche Schriftenreihe Chemie, Bd 45) zugl. Berlin, Humboldt Univ. Diss, **2001, ISBN 3-89574-423-9.**
- Sauda Swaleh and Richard Musau. SCH 303: Stereochemistry, Conformational Analysis and Reaction Mechanism, Module for the Institute of Open Learning, Kenyatta University.
- **Sauda, M. Swaleh.** Katana , Gabriel. “Towards Establishing A Research Centre at Kenyatta University – A Way of Promoting Relevance and Quality in Education”. Promoting Relevance and Quality in International Higher Education @**2006**, 269–278, ISSN–10: 3-00-019115–1/ISBN-13:978-3-00-019115-2
- Katana, Gabriel. **Sauda, M. Swaleh;** “New Trends in the Postgraduate Curriculum at Kenyatta University”. Promoting Relevance and Quality in International Higher Education @**2006**, 49-61, ISBN-10:3-00-019115-1/ISBN-13:978-3-00-019115-2.
- **Sauda, M. Swaleh.**” Organizing and Strengthening of Research Programs in the School of Pure and Applied Sciences, Kenyatta University” Towards a Shared Vision for Higher Education – Cross-Cultural Insights and Projects, ISOS, Friedmann, Witzenhausen, Germany, **2005**, Vol (IV), 421-436.

8.3.1 Chapters in Books

- Fritz Theil, Helmut Sonnenschein, Benno Hungerhoff and **Sauda M. Swaleh.** *Combining Lipase-catalyzed Kinetic Resolution of Racemic Alcohols with Fluorous Phase Labelling.* Handbook of Fluorous Chemistry edited by John A. Gladysz.; Dennis P. Curran.; István T. Horváth. Wiley-VCH Verlag GmbH & Co. KgaA @**2004, ISBN-3-527-30617-x**, Chapter 10.15, 223-332.
- Fritz Theil, Helmut Sonnenschein, Benno Hungerhoff and **Sauda M. Swaleh.** *2,2,2-Trifluoroethyl 2H, 2H, 3H, 3H-perfluorodecanoate. A Highly Fluorinated Acyl Donor Useful for the Lipase Catalyzed Labelling of Racemic Alcohols.* Handbook of Fluorous Chemistry edited by John A. Gladysz.; Dennis P. Curran.; István T. Horváth. Wiley-VCH Verlag GmbH & Co. KgaA @**2004, ISBN-3-527-30617-x**, Chapter 11, part 11.19, 403 - 405.
- Fritz Theil, Helmut Sonnenschein, Benno Hungerhoff and **Sauda M. Swaleh.** *(R)- and (S)-1-Phenylethanol. Kinetic Resolution of the Racemic Alcohol by Lipase Catalyzed Enantiomers-Selective Fluorous Phase Delabelling of a C Corresponding Highly Fluorinated Ester.* Handbook of Fluorous Chemistry edited by John A. Gladysz.; Dennis

P. Curran,; István T. Horváth. Wiley-VCH Verlag GmbH & Co. KgaA @2004, ISBN-3-527-30617-x, Chapter 11, part 11.20, 405.

- Fritzt Theil, Helmut Sonnenschein, Benno Hungerhoff and **Sauda M. Swaleh**. (R)- and (S)-1-Naphthalen-2-yl-ethanol.. *Kinetic Resolution of the Racemic Alcohol by Lipase Catalyzed Enantiomers-Selective Fluorous Phase Delabelling of a corresponding Highly Fluorinated Ester*. Handbook of Fluorous Chemistry edited by John A. Gladysz.; Dennis P. Curran,; István T. Horváth. Wiley-VCH Verlag GmbH & Co. KgaA @2004, ISBN-3-527-30617-x, Chapter 11, part 11.21, 407 – 409.

8.3.2 Research and Publication on Quality, Relevance and Management of Higher Education In Higher Education Institutions

- Waswa, Fuchaka and **Swaleh, Sauda**. Faculty Assessment of the Status of Corporate Management in Public Universities in Kenya. Herald Journal of Education and General Studies. .2012, 1(1), 9-15.
- **Sauda Swaleh**. Development of Internal/Self Assessment Tool on Student Welfare Services for the Office of the Dean of Students (Research project, IDC - 2011-2012).
- **Sauda Swaleh** and John Githaiga. (2007). Multidisciplinary Research:- A Way Forward for Higher Education Institutions. Change and Innovation in Higher Education. Proceedings of 2nd International Conference on Quality Assurance in Higher Education: Regional Eastern Africa UNISTAFF Alumni Network. 29th October – 2nd November, Lilongwe, Malawi. 2007, 45-50.
- John Githaiga., Sheilla Odhiambo and **Sauda Swaleh**. (2007).Challenge of Implementing Practical Engineering – Based Curriculum in the Advent of Increasing Student Enrolment. Change and Innovation in Higher Education. Proceedings of 2nd International Conference on Quality Assurance in Higher Education: Regional Eastern Africa UNISTAFF Alumni Network. 29th October – 2nd November, Lilongwe, Malawi. 2007, 99-106.
- **Sauda, M. Swaleh**. Katana , Gabriel. “Towards Establishing A Research Centre at Kenyatta University – A Way of Promoting Relevance and Quality in Education”. 2006, 269–278, ISSN–10: 3-00-019115–1/ISBN-13:978-3-00-019115-2
- Katana, Gabriel. **Sauda, M. Swaleh**; “New Trends in the Postgraduate Curriculum at Kenyatta University”. 2006, 49-61, ISBN-10:3-00-019115-1/ISBN-13:978-3-00-019115-2.
- **Sauda, M. Swaleh**.” Organizing and Strengthening of Research Programs in the School of Pure and Applied Sciences, Kenyatta University” Towards a Shared Vision for Higher Education – Cross-Cultural Insights and Projects, ISOS, Friedmann, Witzenhausen, Germany, 2005, Vol (IV), 421-436.
- **Sauda, M. Swaleh**.; Strengthening of Research Programs in Higher Education_Institutions. In the Proceedings of the workshop on Research Management, Data Acquisition, Analysis and Dissemination, AICAD, JKUAT, March 24 –26, 2004.

8.4 Networking and Collaboration with External Organizations.

1. Novartis Institute of Biomedical Research – Established linkages with Experts in Biomedical Research in Investigative Toxicology (iTox), Computer Aided Drug

Discovery (CADD) in Global Discovery Chemistry and Early Discovery (ED) departments.

2. Deutscher Akademischer Austausch Dienst (DAAD - Germany) and DAAD - Nairobi office – Key Contact/ Resource Person at Kenyatta University and in Kenya.
3. Regional Eastern Africa Alumni (REAL) UNISTAFF, University of Kassel, Witzenhausen – Institute of Socio-cultural Studies- UNISTAFF collaboration.
4. University of Osnabrueck – Collaboration on IDC under the DIES Programme.
5. Humboldt University of Berlin, Germany – Research Group, Prof. Jurgen Liebscher.
6. Natural product Initiative Platform whose membership includes: Public Universities, Research Institutes (KEMRI, KIRDI, KARI, KEFRI, NMK-IPR), State Law offices (Kenya copy Rights Board, MoH's Standard and Regulatory Services, National Quality Control laboratory, Pharmacy and Poison Board, NEMA. NCST, KeBS, KFS, KWS) and National Traditional Health Practitioners Association – Kenyatta University Reto dateative.
7. Harvard University, Department of Chemistry and Chemical Biology.
8. Regional Eastern Africa DIES Network (REAL) – Networking for Quality Higher Education of University top administrators in membership countries: Kenya, Malawi, Uganda, Ethiopia, Tanzania and Sudan.
9. Regional Eastern Africa Network – Kenya Chapter.
10. National Museums of Kenya – International Primate Research (IPR).
11. International Centre of Insect Physiology and Ecology (ICIPE), Behavioural and Chemical Ecology Department – Collaborating in Research.
12. Kenya Bureau of Standards – Collaborating Research and Member, Writing Aids Technical Committee.
13. Egerton University – Collaborating in Research.
14. Jomo Kenyatta University of Agriculture and Technology –Institute of Energy and Environmental Technology (IEET) - Collaborating in Research.
15. Kenya Polytechnic University College – Department of Biological Sciences and Technology – Research.
16. Seeding Labs Organization, MA, USA – Equipment donation.
17. Amani Communities Centre (ACA) - a Kenyan based non-governmental organization founded in 2001 by a group of women lawyers with the quest for a peaceful, just and equal society.
18. Technoserve and Daphraim – Digital Campus Connect (DCCo) Project: A project supported by Rockefeller Foundation under Poverty Reduction through Information and Digital Employment (PRIDE).The DCCo involves participation of students from three Universities namely: Maseno University, Moi University and Kenyatta University (Am Contact Person). TechnoServe is a non-profit economic development organization that believes in boosting enterprises that have potential to generate positive social impact through creating sound business strategies and Daproim is a Kenyan Business Process outsourcing (BPO) social enterprise owned and managed by a young entrepreneur.
19. Ethics and Anti Corruption Commission, a key ambassador from Kenyatta University.

8.5 Research Grants

a) As Co-Investigator

2011: NCST – Science, Technology and Innovation Grant 2011/ 2012 of KSh 6,500,000 (6.5M), Research project, Study, Development & Standardization of a totally manufactured & low cost small wind turbine for water pumping & electricity generation in Arid & Semi-arid region. Collaborators: Francis Xavier (Lead Expert, JKUAT), Dr. Sauda Swaleh (Kenyatta University), Michael Oganga (KeBS).

2012: NACOSTI 5th Competitive Research Grant Proposal for Women Scientists entitled ‘Isolation of polythene and Plastics Degrading Microorganisms for Landfills and Mangrove Ecosystems in Kenya, Submitted. Collaborators: Dr. Anastasiah Ngigi (Principal , Multi Media University), Dr. Wairimu Muia (Egerton University), Dr. Sauda Swaleh (Kenyatta University), Dr. Vitalis Wekesa (Technical University of Kenya), Dr. Rose Kigathi (Pwani University)

2013: NACOSTI 5th Innovation Grant Proposal entitled ‘Remediation of Chlorinated Organic Compounds in Treated Drinking Water by the Use of Substrate Immobilised Zero-Valent Bimetallic Nanoparticles’ Submitted. Collaborators: Dr. Jackson. Wachira Muthengia (Embu University College), Dr. Isaac Waweru Mwangi (Kenyatta university), Dr. Sauda Swaleh (Kenyatta University)

2013: NACOSTI 5th Competitive Research Grant Proposal for Women Scientists entitled ‘Plastics Degrading Microorganisms from Mangrove and Soda Lake Ecosystems in Kenya, Submitted. Collaborators: Dr. Anastasiah Ngigi (Principal , Multimedia University), Dr. Wairimu Muia (Egerton University), Dr. Sauda Swaleh (Kenyatta University), Dr. Vitalis Wekesa (Technical University of Kenya), Dr. Rose Kigathi (Pwani University)

2013: Kenyatta University (Vice-Chancellor’s Research Grant), “Assessing the productivity and safety of urban agriculture in Nairobi City County. Collaborators: Prof. Caleb Mireri (Principal Investigator), Dr. Sauda Swaleh and Dr. George Kosimbei.

b) As Lead Principal Investigator (PI)

2008 - 2009: Kenyatta University (Vice-Chancellor’s Research Grant) of KSh. 300,000/-, Evaluation of Antimicrobial Efficacy of Medicinal Plants Traditionally Used in the control of infectious Health. Collaborators: Dr. Sauda Swaleh (Principal Investigator), Dr. Richard Musau and Prof. Wilson Njue.

Consultancy: Training Trainers in Practical Science Teaching at the Teacher Training Institutes (TTI) level for Somalia/Somaliland programme (US\$ 3,000/-) organized by the Save the Children and CARE, a not to profit entity established in the United Kingdom to be held in Somaliland, 24th September – 14th October, 2011. (Not able to take up due to insecurity and War in Somalia)

2013: Alexander von Humboldt (Georg Foster Fellowship) proposal entitled “Phytochemical and Biological Studies of Kenyan Medicinal Plants that exhibit cytotoxicity and wound healing properties”.Submitted.

c) Student Grant

2010/2011: NCST - Science, Technology and Research Grant for MSc research proposal of KSh 200,000/- NCST- Student Grant: awarded to David Musyoka Muli, Quantification of lycopene and β -cryptoxanthin in different varieties of mangoes in Mwala and Machakos District.

2013/2014: NACOSTI Post graduate (PhD & MSc/MA) Innovation Proposal of KSh. 200,000/- NACOSTI Student Grant for Esther Apiyo Ochieng, Quantification of antioxidant phytochemicals from five varieties of *Capsicum annuum* L. Submitted.

d) Other Grants

2011/2012: While attending the International Deans Course Africa (IDC) 2011/2012 (Part I in Germany) sponsored by DAAD-Alexander von Humboldt, secured the International Deans' Course 2011/2012 Regional Conference to be hosted in Kenya and at Kenyatta University (Kenyatta University Conference Centre) from 7th – 9th November, 2012. The grant of KSh. 534,850/- was paid by DAAD directly to Kenyatta University for accommodation of International participants and conference package for Facilitators from Germany, international and local participants including all the Deans of the fifteen Schools of Kenyatta University. An additional sum of KSh. 80,000/- and KSh. 86,250/- (A total Sum of KSh.166,250/-) being payment for acquisition of stationery and hiring of two seminar Assistant respectively in preparation for the IDC Regional workshop held at KUCC.

2012: International Gender Based Violence Conference – A total sum of KSh 1,691,257/- was raised achieved through the joint efforts of the Executive Organizing Committee and external partners namely: LVCT, Population Council, Pathfinder, Fida & Creaw and COVAW). (I was a member of the Executive Organizing Committee and Chairperson of the Communication Committee which comprised of Membership from Kenyatta University and the External Partners. A net income of KSh.441,985/- was attained.

2012: Novartis (NIBR) Full Sponsorship Award to attend the 2012 Ghana Biomedical Convention and Ghana Biomedical Research Network and Novartis Workshop held in Accra Ghana from 30th July to 4th August. Supported by Novartis Biomedical Research Institute (NiBR), USA and the School Research & Travel Grants Committee approved by DVC (F, P& D), Kenyatta University.

2013: 15th Natural Products Chemistry Research Network for Eastern and Central Africa (NAPRECA) – DAAD sponsorship through NAPRECA to attend the NAPRECA Pre-symposium (3 – 5th December, 2013) and the 15th NAPRECA Symposium (7 -9th December, 2013 held at the University of Khartoum, Sudan. The sponsorship entailed air ticket (USD 509 and accommodation (USD 450) and Registration (100 USD). SPAS Research & Travel Grant Committee with approval by DVC (F, P& D), Kenyatta University awarded travel grant award in support of Visa processing and quarter per diem.

2009: DAAD Full Sponsorship to attend the International Summer School at Technische Universitaet CAROLO-WILHEMINA zu BRAUNSCHWEIG, Germany March 22nd – 30th, 2009 and also attended World Conference on Education for Sustainable Development held in Berlin, Germany 31st March – 4th April, 2009.

2009: DAAD Travel Grant to attend UNISTAFF – University Staff Development Programme (REAL) – Regional East African Alumni Network - Training of Trainers (TOT) Workshop on Advanced Training Skills for Improving Quality and Relevance in Teaching and Learning, Makerere University, Kampala, Uganda held on 12 – 16 January 2009. Supported by the Institute of Socio-Cultural Studies (ISOS), University of Kassel and DAAD.

DAAD Partial Travel Grant (**2007**) to attend CHEMRAWN XII conference held on 2nd – 5th December, 2007 at the University of Stellenbosch, South Africa. Supported by DAAD (Travel Grant) and Kenyatta University (Registration and Per Diem).

DAAD Full Sponsorship Grant (**2007**) to attend the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 28 September – 5th October, 2007 in Lilongwe, Malawi.

University Staff Development Program Witzenhausen **2003** (Short term DAAD Award) University of Kassel, Institute for Socio-cultural Studies (ISOS), Witzenhausen, Germany (UNISTAFF - 2003) held on 1st May – 12th July on Organizational Development, Quality in Teaching and Learning and Research Management. Supported by DAAD.

9.0 Local/National/Regional/International Recognition

a) Examiner/ Evaluator at Undergraduate and Postgraduate Level

- Member of Kenyatta University Self Evaluation Steering Committee - Europe – Africa Quality Connect prepared the Self Evaluation Report of Kenyatta University which was approved and submitted for the Europe-Africa Quality Connect Project (2011 – 2012).
- Internal Examiner and Board Member for examination of MSc thesis theses by Graduate School on recommendation from Department of Chemistry and the School of Pure and Applied Sciences (2002 – Todate).
- Internal Examination of MSc Thesis appointed by Graduate School, for the Department of Medical Laboratory Sciences, School of Health Sciences, Kenyatta University.
- Kenyatta University Examination Board Member to various Kenyatta University Master and PhD thesis defence meetings.
- Appointed by Dean SPAS to Chair Defences for Graduate Students of the School of Pure and Applied Sciences on several occasions (See Section 5.2).

b) Review for Professional Periodicals or being Invited Member of an Editorial Board

- Reviewer, Net Journal of Agricultural Sciences (NAS)
- Reviewer, Journal of Kenya Chemical Society.
- Associate Editor of East African Journal of Physical Sciences (2007 – to date).
- Membership to Editorial Board, East African Journal of Physical Sciences.
- Reviewer of ST & I Grant Proposal of the Thematic Areas: Health and Life Sciences for National Commission For Science, technology & Innovation formerly known as the National Council of Science & Technology.
- Associate Editor, Eastern Journal of Sciences and Development.

- Member of the Editorial Committee for the Regional Eastern Africa UNISTAFF Alumni (REAL) Network Newsletter
- Reviewer of Kenyan Standards, Member of Technical Writing Aids Committee, Kenya Bureau of Standards (KeBS), (2007 – 2009).

c) Being Invited to a Conference as a Guest Speaker/ Resource Person

- Appointed to Chair by the Organizers of the 15th Symposium of the Natural Products Research Network for eastern and Central Africa (NAPRECA) the 9th Scientific Session of the 15th NAPRECA Symposium held at the National Telecom Corporation Tower, Khartoum Sudan on 9th December, 2013.
- Recognition by the Organizers of the International Academic Conference as resource Person and a chair of a session during the conference on the Dean in the University of the Future held at the University of Saarbruecken, Germany on 26th – 29th June, 2013.
- Appointed by the Ethics and Anticorruption Commission (EACC) to chair a session during the Anti-corruption Seminar organized by the Ethics and Anti-Corruption Commission at Jumuia Guest House, Nakuru held on 5th – 6th June, 2013.
- Recognition as a resource person in the Transformation Leadership Programme since its inception in 2011 to train exemplary graduating students of Kenyatta University. The Transformative Leadership Programme is organized by the Kenyatta University Mentoring Programm and has the support of the University Management.
- Recognition as a distinguished key stakeholder/ Resource Person in the Strategic Planning Stakeholder’s Workshop held at the Pwani University College on 14th November, 2009.
- Recognized as a resource person facilitator for the Stakeholders Meeting Introduce Concept of Clusters organized by the Natural Product Platform Initiative held at the National Museums of Kenya on 5th August, 2011.
- Recognized and invited by Graduate School as a Resource Person to talk on “Do’s and Dont’s of Proposal Writing” to the prospective Applicants (Kenyatta University Graduate Students) of the Kenyan – German Postgraduate (PhD) Training Programme for Graduate School as a KDSA member and DAAD Scholar at the Kenyatta University Students and Business Centre held on 16th December, 2010.
- Recognized as a resource person on “Research and Teaching in the University” by Pwani University College during the Pedagogical Skills workshop held at the Pwani University College held on 16 – 17th April, 2010.
- Recognized as a Facilitator/ Resource Person for the Training Trainers in Practical Science Teaching at the Teacher Training Institutes (TTI) level for Somalia/Somaliland programme organized by the Save the Children and CARE, a not to profit entity established in the United Kingdom to be held in Somaliland, 24th September – 14th October, 2011.
- Invited as guest speaker to give Motivational Talks to School leavers to be high achievers to Kirwara Secondary School in Gatanga and Matuga Girls Secondary School in Kwale.
- Recognized as a Resource Person for the KDSA Proposal Wring Workshop at KeMU, Meru from 16th – 17th September, 2011. The KDSA proposal writing workshop was supported by various Universities, Graduate Schools of various Universities, Research Institutions in

Kenya, Commission of Higher Education (CHE), National Council of science & Technology and DAAD in collaboration with Kenya DAAD Scholars Association.

- Recognized as a resource person for the Training of Trainers for Institutions of Higher Learning in Somalia from 18th May – 2nd June, 2009 by the then Centre for Capacity Development in Higher Education, Kenyatta University.

d) Awards

- Research Fellowship Award (**2010**) Seeding Labs – NIBR (Novartis Institute for Biomedical Research).
- DAAD Award to attend the DIES (Dialogue on Innovative Higher Education Strategies) International Deans' Course (**2011 -2012**), (Part I at the University of Applied Sciences Osnabrueck and Freie University, Germany, Part II (Regional) at Kenyatta University, Kenya and Part III at the Addis Ababa University, Ethiopia. Full Support by DAAD.
- Novartis Institute Biomedical Research (NIBR, USA) Full Sponsorship Award and Travel grant support by Kenyatta University to attend the **2012** Ghana Biomedical Convention and Ghana Biomedical Research Network and Novartis Workshop held in Accra Ghana from 30th July to 4th August.
- Travel Grant Award by the School Executive Board, School of Pure and Applied Sciences to attend the 15th NAPRECA Symposium and Conference held in Khartoum, Sudan 3rd – 10th December, 2013.
- DAAD Award (**2009**), International Summer School, Technische University - Braunschweig (23rd – 30th March, 2009) & World Conference at United Nations (31st March – 4th April, 2009), Bonn in Germany respectively.
- Full sponsorship by DAAD (**2009**), to attend Training of Trainers' Workshop organized by UNISTAFF Alumni (Uganda) in conjunction with the Institute of Socio-cultural Studies, University of Kassel held at Makerere University on 12th – 16th January, 2009.
- Awarded, Vice-Chancellor's Research Grant (**2008**).
- Excellence Award (**2009**) as a Board of Governors of Matuga Girls, High School.
- Award (**2012**) as a Board Member, National Museums of Kenya (Monument).
- Travel Grant Award (**2007**) by DAAD and Kenyatta University, CHEMRAWN XII conference held on 2nd – 5th December, 2007 at the University of Stellenbosch, South Africa.
- Travel Grant Award (**2007**) to attend the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 29th October – 2nd November, 2007 in Lilongwe, Malawi.
- Travel Grant Award (**2007**) to attend the 2nd International Regional Eastern African Unistaff Alumni Workshop held on 28 September – 5th October, 2007 in Lilongwe, Malawi.
- Travel Grand Award (**2004**) to attend the 1st UNISTAFF Network Conference, University of Kassel, Witzenhausen, Germany.
- Travel Grand Award (**2003**) to attend the 39th IUPAC Congress and 86th Conference of the Canadian Society for Chemistry, Ottawa, Canada.
- University Staff Development Program Witzenhausen (Short term DAAD Award)

University of Kassel, Institute for Socio-cultural Studies (ISOS), Witzenhausen, Germany (UNISTAFF - 2003) held on 1st May – 12th July on Organizational Development, Quality in Teaching and Learning and Research Management. Supported by DAAD.

- Post-doctoral Fellowship Award (June 2001 – Dec 2001), ASCA – Angewandte Synthesechemie Adlershof –Berlin, Germany.
- DAAD Scholarship, Doctorate studies in Organic and Bioorganic Chemistry, Humboldt Universitaet of Berlin, Germany (1995 – 2001).
- Kenya Government Sponsorship for a MSc degree program at Kenyatta University (1991 – 1994).
- Kenya Government Sponsorship for a Bed (Sc) degree program at Kenyatta University (1987 – 1990).

e) Appoitment to National, Regional or International Boards

- Board of Director, National Museums of Kenya (Kenya Gazette 31st August 2007 – 2013).
- Appointed to witness and signed the Performance Contract with the Ministry of State for National Heritage and Culture on 27th November, 2012 at the Kencom House, 2nd Floor Conference as one of the members of Board of Governor for the National Museums of Kenya.
- Appointed Assistant Treasurer, National – KDSA (2004 – 2009), Member and Treasurer, KDSA-KU Chapter (2003 – 2009) and special delegate of Kenya DAAD Scholars Association, Kenyatta University Chapter (2009 – To date).
- Appointed Key Stakeholder, Natural Products Initiative Platform – University Reto dateative (2010 – To date) with recommendation by Vice Chancellor, Kenyatta University.
- Elected National Coordinator (Kenya) of [An@fric-](#) Africa Alumni Network founded by Inwent Capacity Building International.
- Kenya Bureau of Standards (KeBS), - Member, Writing Aids Technical Committee (2007 – 2009).
- Appointed Reviewer of submitted proposals in the area of Health and Life Sciences by the National Council for Science & Technology.
- Board of Confucius Institute (2012 to date).
- Board of the University Mentoring Programme (2012 to date).
- Board Member of Coast People’s Forum (CPF)

f) Board Member of a School

- Board of Directors, Matuga Girls High School – Appointed by Minister for Education (2008 – 2011, 1st Appointment and 2011 – 2013; 2nd Appointment).

g) Community Outreach

- Community Outreach/ Service- Academic and Motivational Talks to Secondary Schools on invitation to motivate school leavers to be high achievers: Nasokol Girls High School in

West Pokot, Mutomo Girls Secondary School in Kitui, Kirwara Secondary School in Gatanga, Matuga Girls Secondary School in Kwale.

- Community Outreach - Visit Centres & Secondary Schools to popularise Uniqueness of KU programmes and Services to Secondary School Students organized by Director, University Mentoring Programme, Kenyatta University.
- Community Outreach - Volunteered for counselling session in the Sentinel Sites, Kenyatta University after the post election violence.

10.0 Academic leadership

10.1 Outstanding innovation/ Product Development

- Product (Service) Development

As my Personal/ Project Action Plan (PAP) from having attended the International Deans Course Africa 2011/ 2012, Initiated, Developed and oversaw the administration of the Internal Assessment tool to assess/ gauge service provision by the office of Dean of Students with the Support of Dr. Edwin Gimode, Dean of Student and approval by the University. Analysis of the administered Customer Satisfaction Survey Questionnaires was conducted by an External Consultant (Vas Consultant), who submitted a report on their findings and recommendations. An Improvement/ Implementation Action Plan was developed on receipt of the Report from the external consultant which was submitted to the Vice-Chancellor for approval. I have been at the forefront of the Implementation Action Plan with the full support of the Dean of Students. The Implementation has resulted in more efficient and effective provision of support services by the Office of the Dean of Students. No more queues at the DSA.

Note: The Office of the Dean of Students is the first one in the 15 Schools of Kenyatta University to undertake such an Internal Assessment tool in the entire University.

10.2 Initiating and/ or leading research Project

- Principal Investigator for a research project funded by the Vice-Chancellor's Research Grant. Evaluation of Antimicrobial Efficacy of Medicinal Plants Traditionally Used in the control of infectious Health (2008 – 2009).
- Sourced for research funds from National Council of Science and Technology for student projects. (2011 – Todate).

10.3 Initiating new academic programmes in Department/ School

- Developed the module on Leadership and Management to be offered to all the final year graduating students by co-writing with E. Waweru the section on Stress Management in Leadership and Management under the thematic area “ Mentoring, Coaching and Counselling in Leadership”.
- Initiated and developed academic programmes and postgraduate programmes in the department of Chemistry. Contributed to the developing of BSc (Analytical Chemistry), BSc (Industrial Chemistry) and BSc (Industrial Chemistry and Management) and BSc (Analytical Chemistry and Management).

- Internal Examination of MSc thesis appointed by the Graduate School for the Department of Medical Laboratory Sciences, School of Health Sciences.
- Involved in Curriculum review of Organic and Organic related courses for both undergraduate and postgraduate programmes.
- Involved in the curriculum review of the Diploma in Chinese Curriculum as a board member of the Confucius Institute.
- Developed Strategic plan for the Department of Chemistry.
- Appointed to evaluate the Departmental Strategic Plan.
- Initiated and developed the Strategic Plan (2012 – 2015) for the Office of the Dean of Students.
- Initiated and developed Customer Satisfaction Survey Questionnaire on the Services offered by the Office of the Dean of Students. The Customer satisfaction Survey Questionnaire was administered in all the 15 Schools and six campuses of Kenyatta University. The analysis of the questionnaires was done by Vas Consultants (an External Consultant with approval of the University).
- Initiated, Developed and operationalised with approval by by the Dean of Students the Service Charter for the office of the Dean of Students.
- Initiated and a key Driver for the Development of the Work Instructions for the Office of the Dean of Students.
- Spearheading the Implementation of the Quality Management system and othe ISO related matters in the department of chemistry.
- Spearheading the Implementation of the Quality Management system and othe ISO related matters at the Africa Centre of Transformative and Inclusive Leadership (ACTIL).
- Spearheading the Implementation of the Quality Management system and othe ISO related matters at the Office of the Dean of Students.
- Initiated major changes and Streamlined support service provision by the office of the Dean of students with full support from the Dean of Students.
- Contributed towards development of the Drug and Substance Abuse Policy for Wellness Centre, Kenyatta University as a member of the Drugs and Substance Abuse Committee.
- Developed the Training Manual for Trainer of Trainers (TOT) in Alcohol and Drug abuse (ADA) for Kenyatta University as a members of the Drugs and Substance Abuse Committee.
- Developed the Information and Communication Technology Policy for Kenyatta University as a member of the Kenyatta Univeristy – ICT Committee (2007).
- Together with Dr. Richard Musau, developed the Module SCH 303: Stereochemistry, Conformational Analysis and Reaction Mechanism that is used by Odel.

10.4 Developing programmes external to Kenyatta University

- Member of Research and Interview Committes, Board of Directors, National Museums of Kenya.

- National Museums Strategic Plan 2009 – 2014 for the National Museums of Kenya.
- As a key stakeholder and a retro dateative of Kenyatta University in the Natural Product Initiative Platform, developed the Natural Products Industry Draft Policy.
- NMK Performance Contract : Signed as the witness as one of the members of Board of Governor for the National Museums of Kenya with the Ministry of State for National Heritage and Culture on 27th November, 2012 at the Kencom House, 2nd Floor Conference.
- Strategic plan for International Primate Research, National Museums of Kenya.
- Appointed Facilitator and Resource Person for the KDSA Proposal Writing Training Workshop, Meru Centre, Organized by Kenya DAAD Scholars Association. Humboldt Alumni in Kenya, REAL-UNISTAFF Alumni and IDC-UNILEAD Alumni together with the graduate schools of the various Universities in Kenya. Supported by DAAD - Nairobi, NCST and the Commission of Higher Education (CHE) (2011).
- Appointed to develop the Resource Mobilization and Mangement, Facilitator Manual on Training of Trainers for Institutions of Higher Learning in Somalia for the Centre for Capacity Development in Higher Education. 2009.
- As a Board member, National Museums of Kenya attained ISO 9001:2008 Certification under Bureau Veritas Certification on 20th July, 2009.
- Selected to Moderate and Set Chemistry Exams by the Kenya National Examination Council.

11.0 Other Appointments

11.1 i) National

- Facilitator and Resource Person for the KDSA Proposal Writing Training Workshop, Meru Centre, Organized by Kenya DAAD Scholars Association. Humboldt Alumni in Kenya, REAL-UNISTAFF Alumni and IDC-UNILEAD Alumni together with the graduate schools of the various Universities in Kenya. Supported by DAAD - Nairobi, NCST and the Commission of Higher Education (CHE) (2011).
- Selected By DAAD, Nairobi Office to Participate in the DAAD – In Country PhD Scholarship Pre-selection, Nairobi, Kenya (2012).
- Recognition by the Ethics and Anti-Corruption Commission as a resource person to Chair a session during the Anti-Corruption Seminar held at the Jumuia Guest House, Nakuru held on 5th – 6th June, 2013.
- Appointed Key Stakeholder, Natural Products Initiative Platform – University Retro dateative (2010 – To date) with approval from Prof. Olive Mugenda, Vice Chancellor, Kenyatta University.
- Selected as a key stakeholder to participate in the Market Research Consultancy on the Natural Products Industry initiative Kenya Vision 2030 New Flagship Project by the Office of the Principal Secretary, Ministry of Sports, Culture and the Art.
- Nominated by the Vice Chancellor, Kenyatta University to attend the Anti-Corruption Seminar (2013) organized by the Ethics and Anti-Corruption Commission.

- Witnessed the presentation of Certificate of Recognition to Prof. Olive Mugenda, Vice-Chancellor, Kenyatta University by H.E. Hon. Uhuru Kenyatta, President of the Republic of Kenya during the Presidents Gold Award-Kenya Ceremony held at the State House Grounds Nairobi on 4th October, 2013.
- Appointed as a Member, Writing Aids Committee, Kenya Bureau of Standard (KeBS).
- Appointed to witness and signed the Performance Contract as one of the members of Board of Governor for the National Museums of Kenya with the Ministry of State for National Heritage and Culture on 27th November, 2012 at the Kencom House, 2nd Floor Conference.
- Invited as a Board of Directors, National Museums of Kenya for the Launch of NMK Strategic Plan & Centennial Celebrations on 21st April, 2010.
- Key contact person from the Office of the Dean of Students for the Digital Campus Connect Project, Digital Campus Connect (DCC) is a one year pilot project funded by Rockefeller Foundation which engaged 500 Students from three Universities: Moi University, Maseno and Kenyatta University. TechnoServe has partnered with Daprom Africa to run the DCC project.
- Appointed as a reviewer since 2009 for National Commission for Science, Technology and innovation (NACOSTI) formerly known as National Council for Science and Technology (NCST) in the Health and Life Sciences Thematic areas for Science, Technology and innovation (ST&I) Grant proposals submitted for funding from Kenyan scientists, technology professionals and innovators from public and private institutions for funding under Science, technology and innovation (ST & I) Grant fund.
- Recognition as a distinguished key stakeholder in the Strategic Planning Stakeholder's Workshop held at the Pwani University College on 14th November, 2009.
- Invited as a guest at the Nature Fair, one of the events in celebration of the 100-year anniversary of the East African Natural History Society by Nature Kenya held at the National Museums of Kenya on 5 -6th September, 2009.
- Invited as a guest at the World Standards Day National Celebrations organized by Kenya Bureau of Standards (KeBS), Theme 'Tackling Climate Change through Standards' held at the KEBS Centre on 14th October, 2009.
- Invited as a guest to the NKM ISO 9001:2008 Certification Launch held by the National Museums of Kenya on 4th September, 2009.
- Nominated by Vice Chancellor to attend the workshop on Non-violence and Peace Building for Public University Administrators organized by Amani Communities Africa (ACA) held at Methodist Guest and Conference Centre on 25 – 26th September, 2009.
- Recognition by Amani Communities Africa (ACA) as a Key participant/ peaceful agent of change in Adult-Youth Partnership towards Peaceful and Democratic Institutions by building communities of peace using gender and human rights based approaches. ACA a Kenyan based non-governmental organization founded in 2001 by a group of women lawyers with the quest for a peaceful, just and equal society. Nominated by the Vice- Chancellor, Kenyatta University to attend the Workshop organized by ACA.
- Facilitator in the Stakeholders Meeting to Introduce Concept of Cluster organized by the Natural Product Platform Initiative 5th August, 2011.

- I was elected the Assistant Treasurer – National Kenya DAAD Scholars Association (KDSA, 2004 -2009) by DAAD scholars from all the public universities as well as private sector. I also held the post of member as well as the treasurer, KDSA – KU Chapter (2003 -2009). I held the two positions concurrently for several years. I am currently a special delegate of KDSA – KU chapter (2009 – To date). As a member of the executive KDSA, I was involved in collaboration with the DAAD, Nairobi office in the organization of professional and academic conferences/ workshops/seminars/ activities in the public universities. The themes of the conferences whose topics are geared towards promotion and uplifting of the professional as well as academic status of the Kenyan communities/ societies.
- Appointed Secretary of the Kenya Chemical Society (KCS, Nairobi Branch) (2004 - 2009).
- Recognised as a Facilitator/ Resource person for the Small wind Turbine Stakeholder Development Workshop organized by Jomo Kenyatta University of Agriculture and Technology held at the Laico Regency on 21st November, 2012.
- Appointed Rapporteur in several KDSA conferences organised By KDSA University Chapters: Egerton University - KDSA Chapter Conference held on 17th – 19th October, 2007 and 14 – 16th November, 2012, University of Nairobi - KDSA Chapter Conference on 8th August 2008, Kenyatta University - KDSA Chapter Conference on 14th – 16th April, 2010 and KDSA conference held at Silver Springs on 16th November, 2011.
- Invited to attend the opening of the New Administration block/ visit to the new Nairobi National Museums funded by the European Union at a cost of KSh. 111 Million. The occasion was graced by his Excellency the Vice-President of the Republic of Kenya Hon. Dr. A.A Moody Awori on 8th October, 2007.

ii) Regional Recognition

- Recognition as an active scientist from Kenya by organizing committee of the 15th Symposium of the Natural products Research Network for Eastern and Central Africa (NAPRECA) to Co-Chair the 9th Scientific session held at the National Telecom Corporation Tower in Collaboration with the University of Khartoum, Sudan on 7th December, 2013.
- Appointed Treasurer, Regional Eastern African DIES Alumni Network (REAL) – Kenya Chapter, 2012.
- Recognition as a Member of Editorial team for the Regional eastern Africa UNISTAFF Alumni (REAL) Network Newsletter. REAL is composed of a diversity of academic members from various Eastern African Universities in Kenya, Malawi, Tanzania, Uganda, Ethiopia and Sudan who have gone through one of the Dialogue on Innovative Higher Education Strategies (DIES) Program – UNISTAFF Program, Witzenhausen which is offered by the Institute of Social-cultural Studies , University of Kassel, Germany.
- Recognized as an active regional IDC Alumna and was selected to to date in the Pre-conference workshop of the Regional Eastern African DIES Alumni Network REAL whose theme was “Networking for Quality Higher Education” held at KUCC on the 17th September, 2012.
- Invited by Her Excellency The Ambassador of the Federal Republic of Germany Mrs. Margit Hellwig-Boette and Mr. Christoph Handsert, Director Regional office for Africa, German Academic Exchange Service (DAAD), Nairobi, Kenya to attend the occasion of celebrating

the DAAD annual cocktail and Launching Festivities of the 40th anniversary of DAAD Nairobi at the German Ambassador's Residence, Twiga Road on 31st May, 2013.

iii) International Recognition

- Contributed towards documentation of the “Conference Communique” during the conference on “The Dean in the University of the Future”, held in Saarbruecken, Germany, 28th June, 2013.
- Deutscher Akademischer Austausch Dienst (DAAD - Germany) – Key Contact/ Resource Person at Kenyatta University and in Kenya by virtue of being a DAAD Scholar and a beneficiary of numerous DAAD Awards and DIES Awards for Dialogue on Innovative Higher Education Strategies (DIES) Programmes : International Deans' course (IDC), University Staff Development Programme (UNISTAFF) and International Proposal Grant Writings.
- Recognized as an active IDC Alumni and appointed as a facilitator / Chair of a working group on “Exchange of Experience in Project Implementation” during the Regional Eastern Africa Alumni Network (Real) conference held on 17th – 21st September, 2012.
- Invited by the Germany Embassy to attend the Official Speech by Dr. Angela Merkel, Chancellor of the Federal Republic of Germany held at Taifa- Hall, University of Nairobi on 12th July, 2011.
- Invited to attend the Official Opening of the Exhibition “The Mirrors of Time” by H.E. S.V Lavrow, the Minister for Foreign Affairs of the Russian Federation to the Republic of Kenya held at the National Museums of Kenya on 7th December, 2010.

11.2 Contribution to University Advancement

- Appreciation letter from the Vice- Chancellor for exemplary services rendered as a Deputy Director, Student Affairs over the last five years (2013).
- Member of University Ushering team for high profile guests for the University.
- As a Deputy Dean of Students (Main Campus) contributed towards smooth running of the office of the Dean of Students with respect to the provision of quality welfare services.
- Acted as Dean of Students on several occasions when the Dean of Students is away from the University.
- As a Deputy Dean of Students Represented Dean of Students in important Key Decision making Committees of the University: Executive Senate, Deans, Student Disciplinary, and Student Welfare and University Examination Committees.
- Represented the Dean of Students in other internal Committees of the University: OVS Fund Management Board, Career week organizing, Linkages Board, Prevention of Drugs and Substance Abuse and the Kenyatta University Dress Code, Orientation in Campuses. as well as external committees: Nairobi Stock Exchange (NSE) Award Ceremony and the Digital Campus Connect Project (DCCo) where I am the Key contact person assigned by the Dean of Students.
- Represented the Dean of Students during the IDEA Trophy 2nd Edition Grand Finale organized by the Unilever Kenya Limited held at their Headquarters, Commercial Street Industrial Area on 1st November, 2013.

- Played a Key University Role in representing the Dean of Students during the Kenyatta University Mega Public Lecture by the “Mightiest Prophet of the lord” Dr. David Edward Owuor held at the Bishop Square on 24th October, 2013.
- Represented the Dean of students during the Launch of Manual for the establishment of Integrity Clubs in Institutions of Learning in Kenya organized by the Ethics and Anti-corruption Commission held at the Kenya Institute of Curriculum Development on 6th September, 2013.
- Represented the Dean of Students in the Korean Government Scholarship Program held at KUCC on 11th March, 2013.
- Facilitation and Guidance to the KUSA Student Leaders Capacity and Team building Seminars (2010 – 2012).
- Initiated major changes and Streamlined support service provision by the office of the Dean of students with full support from the Dean of Students.
- As part of the International Deans Course Africa 2011/ 2012 Part I in Germany proposed to undertake my practice oriented project (my Personal/ Project Action Plan, PAP) on development of internal/self assessment tool on Student Welfare Services for the Office of the Dean of Students. Hence, Initiated, Developed and oversaw the administration of the Internal Assessment tool to assess/ gauge service provision by the office of Dean of Students with the Support of Dr. Edwin Gimode, Dean of Student and approval by the University. Analysis of the administered Customer Satisfaction Survey Questionnaires was conducted by an External Consultant (Vas Consultant), who submitted a report on their findings and recommendations. I have been at the forefront of the Implementation Action Plan with the full support of the Dean of Students. The Implementation has resulted in more efficient and effective provision of support services by the Office of the Dean of Students. No more queues at the DSA.

Note: The Office of the Dean of Students is the first one in the 15 Schools of Kenyatta University to undertake such an Internal Assessment tool in the entire University.

- Spearheading the Implementation of the Quality Management system and other ISO related matters at the Office of the Dean of Students.
- Developed operational DSA Service Charter with the support of the Dean of Students and is operational/currently in use as stipulated by Audit findings by the Internal Auditors.
- Initiated and contributed towards the development of the Strategic Plan (2012 – 2015) for the Office of the Dean of Students.
- Initiated and a key Driver for the Development of the Work Instructions for the Office of the Dean of Students.
- As a member and secretary for the KUSA Election Appeals Committee, I prepare and produce the Reports of the proceedings and findings of the appointed Committee in record time as stipulated in the appointment letters and with utmost confidentiality, the recommendations and findings of which are later implemented.
- Appointed by the Dean of Students the Key contact person from the Office of the Dean of Students for the Digital Campus Connect Project, Digital Campus Connect (DCCo) is a one year pilot project funded by Rockefeller Foundation under Poverty Reduction through Information and Digital Employment (PRIDE).which engages 500 Students from three

Universities: Moi University, Maseno and Kenyatta University. TechnoServe has partnered with Daprom Africa to run the DCCo project. TechnoServe is a non-profit economic development organization that believes in boosting enterprises that have potential to generate positive social impact through creating sound business strategies and Daprom is a Kenyan Business Process outsourcing (BPO) social enterprise owned and managed by a young entrepreneur.

- As a member/ Secretary of the Student Handbook Review Committee prepared and compiled the revised Student Handbook (2011 Edition) and the latest edition Student Handbook (2012 - 2015) which is currently in use by all students of Kenyatta University.
- Represented the Dean of Students (When the Dean of Students, Dr. Gimode was on leave) and Chaired the appointed committee on his behalf to review the Student Safety Policy which was produced (Student Safety & Security Policy 2012 – 2015 Edition) and is currently in use by students of Kenyatta University.
- Represented the Dean of Students to officiate the Handing over Ceremony and AGM of the Kenyatta University Environmental Club held on 17th March, 2011.
- As a member of the Kenyatta University Self Evaluation Steering Committee – Europe – Africa Quality Connect prepared the Self Evaluation Report of Kenyatta University which was approved and submitted for the Europe-Africa Quality Connect Project (2011-2012). The Self Evaluation was successful as the report received positive response from the Europe Africa Quality Connect Project Secretariat in Brussels, Belgium.
- Member of the Internal Quality Auditors, Kenyatta University since 2012.
- As a board member of the Confucius Institute, contributed towards establishing the following; Guidelines and Timeliness for introduction of Chinese in Kenyan Schools, development and mounting of diploma Chinese Program at KU, Discussion on Key Projects focussed on by Hanban and way forward on development of Strategic Objectives in outlined in the KU Confucius Institute’s Strategic Plan.,
- Contributed towards bringing the Regional workshop Part II of the International Deans; Course 2011/2012 to Kenyatta University as two member team comprising of Prof. Okumu and Myself during the stiff competition / lobbying by other Kenyan participants from Jomo Kenyatta University of Science & Technology during the IDC Part I in Germany. As a result, we were selected as workshop coordinators to organise the IDC Regional workshop at KUCC, Kenyatta University.
- The IDC Regional workshop held at Kenyatta University Conference Centre on 8 - 9th November, 2011 was a great success by the turnout of local including Deans of Schools of Kenyatta University, regional and international participants.
- Contributed towards marketing and showcasing Kenyatta University to international and Regional participants (Deans and Vice Deans from Universities: Ethiopia, Eastern African Region and Facilitators from German Universities.
- As an Internal Quality Auditor for ISO 9001:2008 Quality Management System, Kenyatta University (2011 – Todate) have an undertaken internal audit and our findings have been appreciated resulting in continuous improvement in the audit areas: Directorates: - University Industrial Partnerships & Linkages, Teaching Practice, KU Radio and Nyayo zone Kitchen.

- During my research fellowship undertaking at Novartis Institute of Biomedical Research, USA (May to August, 2010) was a member of the Novartis Fellows that went during weekends to select books for donation by the Sabre Foundation to Kenyatta University at their Warehouse in Boston, Massachusetts. Back at home, I was appointed a member of the Committee to plan the receiving of the Books donated by the Sabre Foundation in November, 2010. The books donated by Sabre Foundation valued at 300M were received by the Kenyatta University.
- As a member of the Short listing Committee for the University, contributed towards the short listing of highly qualified candidates with the right qualifications for possible employment by Kenyatta University for the various advertised position.
- As a member of the Implementation Committee for KU 99.9 FM and also acting Director, KU Radio Service in the absence of the Director, contributed towards ensuring smooth establishment and implementation of the radio station with the support of the University (2007 - 2008).
- Contributed towards development of the Strategic Plan (2013 - 2015) for the Directorate of Grants Writing and Management as a member the committee appointed by the Vice-Chancellor.
- As a member of the University Mentoring Board, contributed towards the development of the Strategic Plan for the Directorate, University Mentoring Programme (2012 – 2015) and the Impact Assessment Survey Questionnaires for the different programmes of the Directorate, University Mentoring Programm.
- Contributed towards the development of the Information and Communication Technology Policy for Kenyatta University as a member of the Kenyatta Univeristy – ICT Committee (2007).
- As a Warden, Kenyatta University (2005 - 2008), organized the first ever Girls Forum for the empowerment of Girls in the Hostels under my care; Old and New Aberdares and New Menengai Blocks 5 & 6. Mobilized academically successful key female members of staff of Kenyatta University to give motivational talks to the Girls.
- Volunteered for counselling sessions in the Sentinel Sites, Kenyatta University after the post election violence (2008).
- Contributed towards the successfull International Conference on Gender Based Violence and Sexual Harrassment (2012) as a member of the Steering Committee and the Chairman of the Communication committee whose membership was KU-Executive Organizing Committee and External Partners: LVCT, Co-Exist, IMLU, Wangu KanjaFoundation and AmWik. As communication committee, we developed a communication strategy which contributed to the success of the International GBV Conference. As the Executive organizing committee of the conference we were able to generate for the University an income of KSh. 441,985/-.
- As acting Dean of Students had the privilege and honour to organize the East African Community (EAC) one day Workshop on behalf of Prof. Gravenir, Director, University Advancement, Kenyatta University and made the opening remarks on behalf of the Vice Chancellor during the well attended EAC sensitization Workshop held at KUCC on 4th December, 2009.

NB: The entire University management and senate were on a University retreat in Mombasa.

- Contributed towards successful Disability day held in February since 2009 as a member of the organizing committee as is evidenced in the 1st and 2nd issue and of the Disability Day Newsletter.
- Contributed towards the successful Kenyatta University Silver Jubilee as a Co-opted member as well as a member of the Committee Outreach Silver Jubilee Celebrations.
- Being a selected member by Director, University Mentoring Programme for the countrywide mentoring visits to Secondary Schools programme, have contributed towards marketing Kenyatta University Uniqueness, KU programmes and Career Prospects thus generating interest to the youth in and out of schooling, by making Kenyatta University a University of Choice for the prospective secondary school leavers.
- As a KDSA member and DAAD Scholar (having done my PhD in Germany) Graduate School recognized and invited me as a Resource Person to talk on “Do’s and Dont’s of Proposal Writing” to the prospective Applicants (Kenyatta University Graduate Students) of the Kenyan – German Postgraduate (PhD) Training at the Kenyatta University Students and Business Centre held on 16th December, 2010 thus contributing towards a higher number of PhD proposals submitted to DAAD by applicants from Kenyatta University.
- Participated in the DAAD In-Country PhD Scholarships Pre-selection, Nairobi, Kenya (2012) resulting in three candidates from Kenyatta University being proposed for awarding of two MSc and one PhD full scholarships respectively.
- Appointed Key Stakeholder, Natural Products Initiative Platform – Kenyatta University Representative (2010 – To date) with approval from Prof. Olive Mugenda, Vice Chancellor, Kenyatta University. As a key stakeholder, Kenyatta University is represented in the Natural Product Initiative Platform; we drafted the Natural Product Draft Policy which was presented to the Ministry of Education, Science & Technology MTP Working group at Jogoo House 10th Floor on 18th October, 2012.
- Appointed special delegate of Kenya DAAD Scholars Association, Kenyatta University Chapter (2008 - To date).
- As an appointed Mentor and Academic Advisor, Kenyatta University Mentoring Programme since 2007, have actively contributed towards the University Mentoring programme.
- As a facilitator and resource person for the Kenyatta University Transformational Leadership Training organized by University Mentoring Programme since its inception in 2011 have contributed towards the success of the program to the academically exceptional graduating students of Kenyatta University
- As a member of the Drugs and Substance Abuse Committee developed the Drug and Substance Abuse Policy and also the Training Manual for Trainer of Trainers (ToT) in Alcohol and Drug Abuse (ADA) for Kenyatta University.
- Appreciation letter from the Vice- Chancellor on excellent work done as a committee member on Disturbances – Student Appeals (2009).
- Appreciation letter from Dean of Pure and Applied Sciences for participating in the design of a questionnaire for use by the Graduate School (2009).

- Appreciation letters from Dean, SPAS for chairing Defences on his behalf (See Section 5.2) and the role played in the 25th postgraduate seminars for Masters on 28th November, 2012.
- Appreciation Letter from KUSA President towards support guidance and facilitation for the Student Leaders Retreat at a time when they were going through internal wrangles (2011).
- Contributes towards development and smooth running of the Chemistry department as a member of Key decision making Committees for the department (See Section 5.3).
- Departmental Representative for the Exhibition Committee of the School of Pure and Applied Sciences (See Section 5.2).
- Developed Strategic plan for the Department of Chemistry.
- Appointed as an Internal Examiners and Board Member to examine MSc & PhD theses by Graduate School on recommendation from Department of Chemistry and the School of Pure and Applied Sciences and the Department of Medical laboratory Sciences, School of Health Sciences.

11.3 Professional Membership and Association/ International Community

- Novartis Fellow Alumni
- International Deans Course (IDC) Alumni and recognition by DAAD as a Key facilitator/ Resource Person for IDC - Africa.
- Regional Eastern African UNISTAFF (Real) Alumni
- Regional Eastern African DIES Alumni Network (REAL).
- Regional Eastern Africa Network – Kenya Chapter, Treasurer.
- University Staff Development Program Alumna (UNISTAFF - E. Africa Region)
- DAAD Alumna and recognised by DAAD – Africa and DAAD - Germany as a resourceful Alumna in Kenya.
- Alumna, Humboldt University of Berlin, Germany
- Alumna, Kenyatta University
- Alumni African Network (Ana@fric) supported by Inwent Capacity Building International)
- Kenya DAAD Scholars Association (KDSA, Member and Treasurer – KU Chapter (2003 - 2009), Assistant Treasurer – National KDSA, 2004 – 2009, Special Delegate 2009 - to date).
- Kenya Chemical Society (KCS, Member)
- World Academy of Young Scientist, Member
- Kenya Chemical Society – Network of Scholars in Chemistry in Kenya.
- NAPRECA – Natural Products for Eastern and Central Africa Network- Member
- African Higher Education Initiative (AHEI, Friend).
- International union of Pure and Applied Chemistry (IUPAC, Member of the Scientific Community).
- African Women in Science and Engineers (AWSE, Member)
- International Network of Women Engineers and Scientist (INWES, Member).

- Registered member of the ChemWeb Community and Scientist- these being Internet websites catering for the academic needs of the International Chemistry Community.
- Seeding Labs Organization, MA, USA –SeedingLabs Fellow.
- Novartis Fellow – Seeding Labs Alumni

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