

# Academic Staff Profile

## Personal Profile

### 1. Personal Details

Name: Henry Kipkgei Rono  
Title/Qualification: Ph.D. in Industrial Development  
Department: Sociology  
Designation/Position: Senior Lecturer  
Email: [rono.henry@ku.ac.ke](mailto:rono.henry@ku.ac.ke)  
Contact Address: P.O. Box 59527 -00200  
Nairobi, Kenya

Area of Specialization:

- 1) Industrial development
- 2) Information sciences
- 3) Social science research methods
- 4) Statistical methods in social science

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Research Interests:

- 1) Analysis of policy measures to enhance industrial development
- 2) Measures to improve adaptation of clean and/or renewable energy
- 3) Analysis of policy measures to improve blended learning to enhance education and industrial development
- 4) Analyses of challenges in urban development

Google Scholar:

ORCID ID:



### 2. Academic & Professional Qualifications

- 1988-1993: Ph.D. in Industrial Development, McGill University, Quebec, Canada.  
1980-1982: M.A. in Industrial Sociology & Information Science, University of Calgary, Alberta, Canada.  
1976-1979: B.A. in Industrial Sociology, University of Calgary, Alberta, Canada.  
1975-1976: Diploma Social Development, Kenya Institute of Administration  
1972-1975: Nakuru Secondary School  
1964-1971: Olenguruone Primary School, Kenya.

### 3. Employment History

#### 3.1 Substantive Employment

2015-2023 Senior Lecturer, Sociology Department, Kenyatta University

Supported design, development, and delivery of the course units related to industrial development, urban development, environmental management, research methods in social sciences and statistical methods in social sciences. Also supported graduate seminars and ASC 907 intended to enable PH.D. students to conceptualize preliminary formulation of their research areas.

- 1993-2015 Lecturer, Sociology Department, Kenyatta University  
Supported design, development and lectures of the course units related to industrial development, urban development, environmental management, research methods in social sciences and statistical methods in social sciences.
- 1989-1992 Principal Consultant, Centre for Development, McGill International, McGill University, Canada. Supported development of training programmes for entrepreneurship, development studies, computer applications and information management systems.
- 1983-1988 Head, Research Department, Kenya Institute of Administration (KIA), presently the School of Government (KSG)  
Initiated measures to incorporate research methods and computer technology in courses related to Development Administration. Also carried-out research to identify challenges of development administration in low- and middle-income countries.

### **3.2 Administrative Positions Held**

- 2009-2018 Principal Coordinator; Research and Planning, National Open University of Kenya (NOUK)  
Was appointed as a member of the committee for research, planning and establishment of the envisaged National Open University of Kenya and also the principal coordinator.  
Consulted with other open universities including the Open University of UK, the Open University of Malaysia, the Indra Gandhi National Open University (IGNOU), UNISA and Open University of Tanzania (OUT) among others  
Developed a blue print, the legal framework and the cabinet memo, addressed the logistics
- 2003-2009 Director, ICT Institute, Kenyatta University.  
In-charge of development of curriculum and training programmes for various university courses, policy formulation, systems design and implementation for learning and management support at the University.  
Established ICT infrastructure for learning and management support, including MIS for the public universities
- 1993-2003 Director, Computer Centre, Kenyatta University

### **3.3 Member of the Boards**

- 2022 - 2023 Members of the Board of the Nuclear Power and Energy Agency (NUPEA)
- 2003 -2009 Member of the Board of the National Hospital Insurance Fund (NHIF)
- 1993 -2002 Member of the Board of the Kenya Industrial Estate (KIE)

### **3.4 Affiliation of Professional Bodies**

- 1 The International Society for Applied Computing (ISAC)
- 2 The Computer Society of Kenya (CSK)
- 2 Kenya Health Informatics Association (KeHIA)

## 4. Achievements

- 2009-2023 Establishment of the National Open University of Kenya  
While it was operationalized early 2023, the planning, design and development started as early as 2009 and various activities were implemented in between.
- 2004-2017 Designed, developed and established Education Management Information System (EMIS) for the Ministry of Education, the Teachers Services Commission (TSC), KNE and KIE in collaboration with the Harvard University Centre for International Development
- 2003-2009 Automated and enhanced digitization of the contribution of the members and the payment of the healthcare providers
- 1993-2009- Establishment of the ICT infrastructure at the Kenyatta University which included
- 1) An earlier Computer Centre and an earlier support from the World Bank (1997)
  - 2) Development of ICT skills and competencies
  - 3) African Virtual University (AVU)
  - 4) Infrastructure for Digital School
- 1983-1989 Achieved two major milestones
- 1) Established a Research Department at the Kenya Institute of Administration (KIA), presently the School of Government (KSG)  
-to incorporate research in development administration
  - 2) Established a section of the Computer Technology and Applications at the Kenya Institute of Administration (KIA), presently the School of Government (KSG)  
-to incorporate computer technology and applications to development administration
  - 3) In 1989, computer technology was used to support the Kenya Population Census with the support of KIA and Harvard University Centre for International Development

## 5. Publications

1. Laxmana Kiptoo, Henry K. Rono and Francis Kerre (2023) The Nature of Food Insecurity and Agro-Pastoral Production in the Kerio River Basin; Journal of Policy and Development Studies 2(1) 71-87
2. Laxmana Kiptoo, Henry K. Rono and Francis Kerre (2023) The Contribution of Resource Conflict to Food Insecurity in the Kerio River Basin; Journal of Humanities and Social Sciences, 29(1), 86-95
3. Queenter Ondigo and Henry Rono (2020) The Role of Prison Inmates' Socio-Economic Characteristics on Rehabilitation Outcomes; IRA-International Journal of Management & Social Sciences (ISSN 2455-2267), 16(4).
4. Queenter Ondigo, Henry Rono and Francis Kerre (2020) Institutional Rehabilitation of Inmates and Outcomes in Selected Prisons in Nairobi, Kenya; International Journal of Innovative Research and Advanced Studies (IJIRAS) 2020 Vol & Issue 7
5. Henry K. Rono (Ph.D.) 2021 Potentials of Blended Learning in Professional and Tertiary Education in the African Journal of Health Professional Education 2021, vol. 13

6. Henry K. Rono (Ph.D.) 2017 Education Management Information System (EMIS) and Its Implications to Educational Policy: International Journal of Multidisciplinary: Applied Business and Education Research 2017
7. Henry K. Rono (2015) Effects of the Blended Learning in Tertiary Education; Africa Journal of Technical and Vocational Education 2015 7(1)
8. Henry K. Rono (2013) the Growth and Challenges of the MSMEs in Kenya; Developing Country Studies, ISSN 2225 Vol 3 No. 2

## 6. Conference/Workshops/Seminars

- |                       |   |
|-----------------------|---|
| 28/08/-<br>09/09/2023 | Attended Regional training on Infrastructure for Establishment of Nuclear Energy Power Plant; organized by the International Atomic Energy Agency (IAEA), US State Department for Energy and the Nuclear Power and Energy Agency (NUPEA)                |
| 24-28/07/<br>2023     | Attended Regional training on Executive Public Policy Making Process, organized by the Kenya Institute for Public Policy Research and Analysis,   |
| 26-28/04<br>2023      | Attended Regional Workshop on People Management Skills in the Changing Workplace Environment, organized by Inspirations Management Consultants and the Nuclear Power and Energy Agency (NUPEA)  |
| 20-22/04 2023         | Attended Mwongozo Induction Programme for Boards of the State Corporations  |
| 27-29/05<br>2009      | Was one of the Principal Consultant to e-learning Africa organized by ICWE GmbH in Dakar, Senegal in collaboration with the Ministry of Education and other stakeholders with the objective to promote development, education and training              |
| 28-30/05<br>2008      | Was one of the Principal Consultant to e-learning Africa organized by ICWE GmbH in Accra Ghana in collaboration with the Ministry of Education and other stakeholders with the objective to promote development, education and training                 |
| 28-30/05<br>2008      | Was one of the Principal Consultant to e-learning Africa organized by ICWE GmbH in Safari Park, Nairobi, Kenya in collaboration with the Ministry of Education and other stakeholders with the objective to promote development, education and training |

## 7. Consultancy Services and Experience

- |           |   |
|-----------|---|
| 2018-2020 | Provided technical support to assessment, design, development and rollout of the TVET MIS for the TVET Authority (TVETA) for the State Department of the Vocational and Technical Education, Ministry of Education; covering over 550 technical institutions and over 420, 000 learners.<br><a href="https://www.tveta.go.ke/#">https://www.tveta.go.ke/#</a>   |
| 2018-2020 | Assessed and designed ICT component of the Basic Education Scholarships (BES) to be administered by the Jomo Kenyatta Foundation (JKF) on behalf of the State Department for Basic Education and to coordinate with other agencies that supported scholarships in basic education including Kenya Commercial Bank, Equity Bank, and Cooperative Bank among others.<br><a href="https://www.education.go.ke/index.php/online-services/scholarship-application-form">https://www.education.go.ke/index.php/online-services/scholarship-application-form</a> |
| 2017-2020 | Assessment, design, development and rollout of the TVET MIS for the Ministry of Education, State Department of the Vocational and Technical Education, Ministry of Education; covering over 150 technical institutions and over 200,000 learners<br><a href="https://www.education.go.ke/index.php/online-services/tvet-mis">https://www.education.go.ke/index.php/online-services/tvet-mis</a>   |
| 2012-2015 | Assessment, design, development and implementation of the National Hospital Insurance Fund (NHIF) Health Insurance Subsidy Programme (HISP); toward NHIF based social protection policy; to support disadvantaged or vulnerable members<br><a href="https://ww1.issa.int/gp/162201">https://ww1.issa.int/gp/162201</a>  |

- 2010-2015 A member of the Coordinating Committee for establishment of the National Open University of Kenya and National e-Learning Institute. The National e-Learning Institute is intended to support e-learning within the National Open University of Kenya, tertiary institutions and other sectors in education.
- 2008-2012 Business plan, economic and financial analyses for NHIF Karen Medical Referral Institute to address specialized diseases and medical tourism in East Africa Region. It also included structuring investment for PPP framework and strategy.
- 2006-2007 Needs Assessment and Design for Upgrading of the National Polytechnics to Universities of Technology; Ministry of Science and Technology in collaboration with the Commission of Higher Education (CHE).
- 2006-2008 Needs Assessment and Design for Rwanda National Data Centre, Rwanda, required and necessary to support implementation of Government Policies, Development Plans and conversion to digital modes. The initiative was being implemented jointly by the Office of the President, Ministry of Information and Communication Technologies and Rwanda Information Technology Authority (RITA).
- 2005-2017 Designed and Harmonized Healthcare Digital Card; Ministry of Health, National Hospital Insurance Fund (NHIF) and the Kenya Medical Supplies Agency (KEMSA).
- 2004-2005 **Lead Consultant for Validation of the Needs Assessment and Design for Education Management Information System (EMIS);** Ministry of Education, Science and Technology in collaboration with Education Agencies that included TSC, KNEC, HELB and KIE.
- 1996-2000 Principal Consultant to consortium of donors that included Economic Development Institute (EDI) of the World Bank, UNDP and ILO on modernization of computer and information systems for Management Training Institutions Eastern and Southern Africa that also encompassed Organization Development and capacity building
- 1998-2003 Principal Consultant to UNDP/Ministry of Health on modernization and rationalization of NHIF, including development of ICT infrastructure. This was one of the remarkable reform programmes that led to modern NHIF
- 1998-2002 **Lead Consultant for the initial Needs Assessment and Design for Education Management Information System (EMIS);** Ministry of Education, Science and Technology in collaboration with Education Agencies that included TSC, KNEC, HELB and KIE.
- 1996-1997 Principal Consultant to Computerization and modernization of the Voters Register and Database for the 1997 General Election Countrywide. Indeed, it was one of the most challenging tasks with substantial logistical difficulties.
- 1996-1997 Principal Consultant UNDP/(GOK) DPM on enhancement of capacity in the Government training institutions.
- 1994-1998 Consultant to the Commission for Higher Education in collaboration with World Bank on a project aimed at equipping public universities with computer and modern Information Systems for management information systems, teaching and training in computer studies and information technology.
- 1995-1996 Consultant to the Kenya National Examination Council (KNEC) in collaboration with World Bank on structural adjustment reforms and modernization on use and adoption of computer and information
- 1992-1993 Consultant to the Ministry of Finance, Account Generals, Eastern and Southern Africa in collaboration with Swedish International Development Agency (SIDA) on improvement of Government Accounting Systems and enhancement on computerization of budgeting and accounting in Eastern and Southern African countries
- 1990-1992 Lead consultant to Association of Management training Institutions Eastern and Southern Africa (AMTIESA) in collaboration with Canadian International Development Agency (CIDA) on adoption and utilization of computer technology among its member institutions, as well as on action research programmes aimed at organizational development of their client organizations.
- 1987-1992 Consultant to Ministry of Health (GOK) in collaboration with Swedish International Development Authority (SIDA), on development of information systems for management of environmental healthcare programmes.

1986-1987 Principle Analyst to USAID/Ministry of Agriculture on a project assessing production and marketing of agricultural commodities between 1987 and 2011 for purposes of investment strategies and capacity building in agricultural sector



## MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

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OFFICE OF THE CABINET SECRETARY  
JOGOO HOUSE "B"  
HARAMBEE AVENUE  
P.O. Box 30040 - 00100  
NAIROBI, KENYA

MHEST/HE/3/4/1/VOL III/171

14<sup>th</sup> October, 2014

Dr. Henry K. Rono  
Kenyatta University  
P.O. Box 43844-00100  
NAIROBI

Dear *Henry*

### RE-APPOINTMENT OF INTERIM TECHNICAL COMMITTEE FOR THE ESTABLISHMENT OF THE NATIONAL OPEN UNIVERSITY OF KENYA (NOUK)

Reference is made to your re-appointment as a Member of the Interim Technical Committee (ITEC) by letter Ref. MHEST/HE/3/4/1/VOL III/86 and the presentation of the Progress Report by the Interim Technical Committee on the establishment of NOUK on 22<sup>nd</sup> September, 2014.

I congratulate you on the progress made so far and note that there are pending activities that need to be finalized in preparation for the launch of NOUK. Consequently I wish to extend the term of the ITEC for six (6) months from 15<sup>th</sup> October, 2014 to 15<sup>th</sup> April, 2015 or until the initial staff of NOUK are appointed, whichever comes first.

You will continue to serve as a Member of the Committee.

I take this opportunity to congratulate you on your re-appointment

Yours *Sincerely*

PROF. JACOB T. KAIMENYI, PhD, FICD, EBS  
CABINET SECRETARY



## MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

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OFFICE OF THE CABINET SECRETARY  
JOGOO HOUSE "B"  
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P.O. BOX 30040-00100  
NAIROBI, KENYA  
9<sup>th</sup> September, 2013

**MHEST/HE/3/4/1/73**

Dr. Henry K. Rono  
Kenyatta University  
P.O. Box 43844-00100  
NAIROBI

Dear *Henry,*

### **APPOINTMENT TO THE INTERIM TECHNICAL COMMITTEE FOR THE ESTABLISHMENT OF OPEN UNIVERSITY OF KENYA (OUK)**

The Universities Act, 2012, Section 24 (1) (b), provides for the establishment of a national Open University to offer degrees through distance and e-learning mode. It is therefore imperative to make this a reality and hence prepare the necessary groundwork.

I am pleased to inform you that you have been appointed as a Member of the Interim Technical Committee to operationalise the establishment of the Open University of Kenya. The appointment takes effect from 5<sup>th</sup> August, 2013 for a period of six (6) months.

I take this opportunity to congratulate you on your appointment.

Yours *Sincerely,*

**PROF. JACOB T. KAIMENYI, PhD, FICD, EBS  
CABINET SECRETARY**





# UNIVERSITAS MCGILL

AD MONTEM REGIUM IN CANADA

OMNIBUS AD QUOS HAE LITTERAE PERVENERINT SALUTEM.

NOS UNIVERSITATIS GUBERNATORES RECTOR SOCII

TESTAMUR NOS

Henry Kipkogeï Rono

CUM CURRICULUM STUDIORUM PRAESCRIPTUM CUM INDUSTRIA

CONFECERIT ET OMNES EXERCITATIONES QUAE EI SINT

INIUNCTAE RITE PEREGERIT, CREAVISSE

DOCTOREM PHILOSOPHIAE

ATQUE EI OMNES HONORES IURA BENEFICIA

QUAE AD ILLUM GRADUM PERTINEANT CONCESSISSE.

QUOD AD CONFIRMANDUM HAS LITTERAS SIGILLO UNIVERSITATIS

CONSIGNANDAS ET NOMINA EORUM QUI RES ACADEMICAS

ADMINISTRANT SUBSCRIBENDA CURAVIMUS.

DATAE DIE XVI

MENSIS JUNII

ANNI MXMII



*Jean-Paul Schuller*  
TABULARIUS

*Heber Washawsky*  
GUBERNATORIBUS

*David L. Johnston*  
RECTOR

*Roger Richard*  
DECANUS FACULTATIS

# THE UNIVERSITY OF CALGARY



IN THE AUTHORITY OF THE COUNCIL OF THE FACULTY OF GRADUATE STUDIES  
AND IN CONFORMITY WITH THE STATUTES OF THE PROVINCE OF ALBERTA  
THE CHANCELLOR OF THE UNIVERSITY HAS CONFERRED ON

**HENRY KIPKOGEI RONO**

THE DEGREE OF

**MASTER OF ARTS**

DEPARTMENT OF STUDY: SOCIOLOGY  
SPECIALISATION: RESEARCH METHODS

AND AS EVIDENCE THEREOF THIS DIPLOMA IS GRANTED

GIVEN IN THE CITY OF CALGARY, IN THE PROVINCE OF ALBERTA, CANADA  
IN THE YEAR ONE THOUSAND NINE HUNDRED AND EIGHTY  
ON THE SIXTH DAY OF JUNE



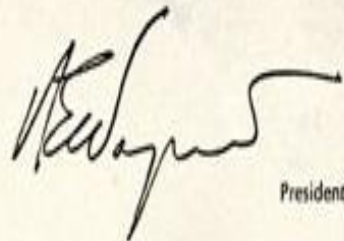
Chancellor



Registrar



Chairman of the Board



President



McGill University  
*Faculty of Arts Computer Laboratory*  
Leacock Building  
855 Sherbrooke Street West  
Montreal, Quebec, Canada  
H3A 2T7

telephone: (514) 398-8055  
fax: (514) 398-7476

25 March 1992

To whom it may concern:

Please be advised that Henry K. Rono completed the defense of his doctoral dissertation in February 1992 and the thesis was deposited with the Faculty of Graduate Studies and Research of McGill University in March 1992. Mr. Rono received a grade of very good for the written work, and good for his oral presentation, and his course work in the Department of Economics was completed with a grade point average of 3.7 out of 4.0. In short, his academic work at McGill University for his doctoral studies can be characterized as being very successful, indeed.

I had the pleasure of serving as Henry K. Rono's dissertation supervisor for the thesis entitled "Adaptation of Processing Technologies in the Bakery Industry in Kenya." Mr. Rono organized a very challenging fieldwork project to address fundamental issues in the nature of relationship between technology, market structure and entrepreneurship. The theoretical work for his dissertation was well-organized and carefully presented. In addition, the methodological skill and rigor of his data analysis were outstanding. He made a real contribution to knowledge with this dissertation, and I am proud to have been a part of it.

During his post-graduate studies at McGill University, Henry K. Rono also worked as my teaching assistant in courses on research methods and statistical analyses in the social sciences. He was also one of the best students to have taken my seminar on regression analysis in Economics research. Further, he has been a valued and trusted graduate student consultant on several occasions in the Faculty of Arts Computer Laboratory that I direct. His statistical and computer skills are very well developed and should serve him, and his employers, well in the future.

If you have any questions or wish further information please do not hesitate to contact me.

With best regards,

*Anthony C. Masi*  
Professor Anthony C. Masi  
Department of Economics  
and  
Director,  
Faculty of Arts Computer  
Laboratory



McGill  
University

Centre for Developing Area Studies  
Macdonald-Harrington Building (514) 392-5321

April 6, 1984

TO WHOM IT MAY CONCERN:

This letter is on behalf of Mr. Henry Rono, a Research Fellow at the Centre for Developing-Area Studies, McGill University. I have known Mr. Rono since 1980 in my capacity as Research Associate at the Centre. During the four-year period, I witnessed Mr. Rono's progress. First, his academic record is impressive. His over-all average is 'A', an average which is difficult to achieve and retain at our university. Second, Mr. Rono's activities at the Centre were productive and useful. In 1981, he was the Fellows' representative to the Executive Committee. He participated in the Committee's meetings relaying the interests of CDAS fellows and enhancing the rapport between student fellows and the administration.

In 1982, and as a reward for his dynamism and commitment, Mr. Rono was requested by the Executive Committee to co-ordinate «Fellow Seminar» series. The purpose of the series is to present seminars by scholars on issues relating to the development of the third world. Mr. Rono's mandate covered the academic year, during which he organized 14 seminars. All the seminars were highly successful both in content and organization.

In 1983, Mr. Rono initiated a new program at the CDAS aimed at familiarizing the fellows with the use of computer processes. It was a needed project, much appreciated by CDAS fellows.

The above activities reflect part of Mr. Rono's academic and organizational background. I may also mention his congenial character and serious mindedness. As a colleague, he is much liked for his willingness to help and participate in team projects. Mr. Rono carries with him a positive attitude and contribution to whatever institution he may join. I recommend him very highly for your consideration.

Should you desire more information concerning Mr. Rono's academic background and professional activities, please do not hesitate to contact me.

Best regards,

G. Ass

(Dr.) Ayman Al-Yassini  
Research Associate

AA/ss

Postal address: B15 Sherbrooke Street West, Montreal, PQ, Canada H3A 2K6



