

Conducting Research and Mentoring Students in Africa

This is a Research Report from the

CODESRIA African Diaspora Project

CODESRIA Working Paper Series

The CODESRIA Working Paper Series disseminates outputs from CODESRIA's research activities. Working papers constitute work in progress. They provide insights into the breadth and depth of work undertaken by the Council's various programmes and research networks. These are published to stimulate discussion and contribute to the advancement of knowledge.

Conducting Research and Mentoring Students in Africa

CODESRIA College of Mentors Handbook

Edited by

Abdul Karim Bangura

Joy A. Obando

Ishmael I. Munene

Chris Shisanya



CODESRIA

Council for the Development of Social Science Research in Africa
DAKAR

© CODESRIA 2019

Council for the Development of Social Science Research in Africa
Avenue Cheikh Anta Diop, Angle Canal IV
BP 3304 Dakar, 18524, Senegal
Website: www.codesria.org

ISBN: 978-2-86978-833-6

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage or retrieval system without prior permission from CODESRIA.

Typesetting: Alpha Ousmane Dia

Cover Design: CODESRIA

Distributed in Africa by CODESRIA

Distributed elsewhere by African Books Collective, Oxford, UK

Website: www.africanbookscollective.com

The Council for the Development of Social Science Research in Africa (CODESRIA) is an independent organisation whose principal objectives are to facilitate research, promote research-based publishing and create multiple forums geared towards the exchange of views and information among African researchers. All these are aimed at reducing the fragmentation of research in the continent through the creation of thematic research networks that cut across linguistic and regional boundaries.

CODESRIA publishes *Africa Development*, the longest standing Africa based social science journal; *Afrika Zamani*, a journal of history; the *African Sociological Review*; the *African Journal of International Affairs*; *Africa Review of Books* and the *Journal of Higher Education in Africa*. The Council also co-publishes the *Africa Media Review*; *Identity, Culture and Politics: An Afro-Asian Dialogue*; *The African Anthropologist*; *Journal of African Transformation*; *Method(e)s: African Review of Social Sciences Methodology*; and the *Afro-Arab Selections for Social Sciences*. The results of its research and other activities are also disseminated through its Working Paper Series, Green Book Series, Monograph Series, Book Series, Policy Briefs and the CODESRIA Bulletin. Select CODESRIA publications are also accessible online at www.codesria.org.

CODESRIA would like to express its gratitude to the Swedish International Development Cooperation Agency (SIDA), the Carnegie Corporation of New York (CCNY), the Rockefeller Foundation, the Open Society Foundations (OSFs), Andrew Mellon Foundation, Oumou Dilly Foundation, Ford Foundation and the Government of Senegal for supporting its research, training and publication programmes.

Contents

| | |
|---|-----|
| <i>Dedication</i> | vii |
| <i>Acknowledgments</i> | ix |
| <i>About the Editors</i> | xi |
| <i>Preface</i> | xv |
| Thriving as a PhD Mentee: Mediating Mentor-Mentee Conflicts | |
| <i>Ishmael I. Munene</i> | 1 |
| Revisiting the Basics | |
| <i>Abdul Karim Bangura</i> | 19 |
| Epistemological Paradigms in Social Research | |
| <i>Chris Shisanya</i> | 39 |
| Brief Descriptions of Qualitative Research Methods | |
| <i>Ishmael I. Munene, Chris Shisanya, Joy A. Obando and Doctoral Scholars</i> | 59 |
| Brief Descriptions of Quantitative Research Methods | |
| <i>Ishmael I. Munene, Chris Shisanya, Joy A. Obando and Doctoral Scholars</i> | 117 |
| Brief Descriptions of Emergent Research Methods | |
| <i>Abdul Karim Bangura and Doctoral Scholars</i> | 147 |
| Brief Descriptions of Comparative Research Methods | |
| <i>Abdul Karim Bangura and Doctoral Scholars</i> | 179 |
| Brief Descriptions of African-centered Research Methods | |
| <i>Abdul Karim Bangura and Doctoral Scholars</i> | 197 |

**Harnessing the Internet for Free Cutting-edge Computer Software
and Other Tools**

Abdul Karim Bangura.....229

The Art, Science, and Politics of Publishing

Chris Shisanya and Ishmael I. Munene.....249

Research Integrity and Ethics

Joy A. Obando.....285

Research Methodology: Knowledge Gained through Direct Experience

Robert Kakuru.....301

Appendices.....339

Bibliography.....361

Dedication

A Song of Gratitude

Olabode Victor Akinyemi

The morn' will dawn again!
Tho' wallowing in the smoky night
Like an orphan by the simmering brush
Throttling alone the canvas dark
Africa will sing again
By her warlords the "yo" song of victory!
Yes, the morn' will dawn again!
Cause we are not altogether bereaved
Of hope in the flesh of Heroes past!
Nkrumah, Awolowo, Mandela, and their hosts
Live on in you, the avatars of hope
To give birth to us, the new dawn of hope!
The morn' will dawn again!
And Africa, my Africa

Like the great leopard of Timbuktu
Will mount the tree of destiny
Beyond the claws and fangs of old predators
Who would no longer have her food
heinously snatched!
O morning of hope! O morning of hope!
Dawn quickly at our behest!
Africa awaits thy tots
To bear her up this slippery Everest
To rest her feet on the Mont of grandeur
Where her flowers will bloom again!
Thank you madam and sirs! You are the
great Avatars of Hope! Africa will surely
smile again!

Acknowledgements

We, and hopefully many readers, owe gratitude to:

The Carnegie Endowment, for funding the Council for the Development of Social Science Research in Africa (CODESRIA) College of Mentors.

CODESRIA administrators and support staff, for successfully designing and launching the program.

Kenyatta University Management, School of Humanities and Social Sciences, administrators and support staff, for successfully hosting the inaugural Institute of the program.

Dominique Tania Sambou-Tchicaya, for her exemplary administrative assistance before, during, and after the inaugural Institute of the program.

Family members, colleagues and friends, for their prayers and support.

About the Editors

Abdul Karim Bangura is a researcher-in-residence of Abrahamic Connections and Islamic Peace Studies at the Center for Global Peace in the School of International Service at American University and the director of The African Institution, in Washington DC, USA; a visiting graduate professor of Regional Integration at the University of Cabo Verde in Praia, Cabo Verde; an external reader of Research Methodology and Municipal Government at the Plekhanov Russian University in Moscow; an inaugural peace professor for the International Summer School in Peace and Conflict Studies at the University of Peshawar in Pakistan; a senior doctoral dissertations mentor of the CODESRIA College of Mentors in Dakar, Senegal; and the international director and adviser of the Centro Cultural Guanin in Santo Domingo Este, Dominican Republic. holds five PhDs in Political Science, Development Economics, Linguistics, Computer Science, and Mathematics. He is the author of more than 90 books and more than 700 scholarly articles. The winner of more than 50 prestigious scholarly and community service awards, he was recently awarded the Cecil B. Curry Book Award for his book titled African Mathematics: From Bones to Computers. This book has also been selected by the African American Success Foundation's Book Committee as one of the 21 most significant books ever written by African Americans in Science, Technology, Engineering and Mathematics (STEM), and listed by the California News Reel and Amazon.com as one of the 47 books ever written by Blacks across the globe as constituting the great African contributions to global civilizations. Bangura is fluent in approximately a dozen African and six European languages, and is studying to increase his proficiency in Arabic, Hebrew, and Hieroglyphics. He is a member of many scholarly organizations, has served as President and then United Nations Ambassador of the Association of Third World Studies, and is a Special Envoy of the African Union Peace and Security Council.

Ishmael I. Munene is professor in the Department of Educational Leadership at Northern Arizona University teaching courses in Comparative Education, Higher Education, and Educational Research. As an experienced scholar in higher education, Munene has written widely on African higher education, higher education governance, education for the marginalized and educational technology. He has edited two volumes on Africa and authored two books in addition to publishing numerous journal articles, book reviews and newspaper commentaries on education and governance. He has also guest-edited a journal on African education. Munene is on the editorial advisory board of *Africa Education Review* and serves as an article reviewer for several journals. He has held visiting academic fellowships at Kassel University in Germany, Osmania University in India and the Catholic University of East Africa in Kenya along with the Carnegie African Diaspora Fellowship. In 2008, he was honored by the African Studies and Research Forum with the Excellence in Research Award.

Joy A. Obando is an associate professor in the Department of Geography at Kenyatta University. She holds a PhD in Geomorphology from King's College London and studied for her Master's in Geography and Bachelor of Education at Kenyatta University. Obando is a mentor and researcher, and is involved in research, training and community outreach. She is currently the Postgraduate Academic Advisor in the Department of Geography and the Chair of the Academic Advisory Board for the School of Humanities and Social Sciences at Kenyatta University. She is a regional trainer of and expert on the Dialogue on Innovative Higher Education Strategies and Proposal Writing for Research Grants. Obando has facilitated proposal writing workshops for the German Academic Exchange Service since 2009 and has also facilitated other training in grants and scientific writing workshops in the East African region. She coordinates an international Master's programme hosted at Kenyatta University. She has won several national and international research grant awards and has published widely. Her current research focuses on groundwater dynamics and watershed management. She is a member of the steering committee of the International Geographical Union (IGU) Geomorphology and Society Commission as well as the International Advisory Board of Water Resources Research Center. Obando is involved in initiatives aimed at enhancing the quality of the next generation of academicians.

Chris Shisanya is former Chairperson of the Department of Geography and is currently Dean of the School of Humanities and Social Sciences and Full Professor of Geography, specializing in the field of Agroclimatology, at Kenyatta University. Shisanya has worked at Kenyatta University for the last 29 years. His current areas of research interests include climate change and adaptation, climate change and human development, climate change and security, integrated soil fertility management, integrated watershed management, and systems analysis. Over the years, he has successfully supervised 20 PhD and 60 Master's students. He is a prolific researcher, having won over 50 national and international research grant awards in the last 20 years. He has over 60 peer-reviewed journal publications, 30 book chapters, and ten book titles to his credit. Shisanya serves on the editorial boards of various high-impact academic scientific journals.

Preface

This book is an outgrowth of the inaugural session of the Council for the Development of Social Research in Africa (CODESRIA) College of Mentors Institute convened at Kenyatta University in Nairobi, Kenya from 10 to 20 April, 2017. The authors of the book comprise the resource persons and 49 very competitively selected doctoral candidates from across Africa that participated in the Institute. The impetus for the book was the desire to develop a tool that is suitable for conducting research and mentoring students in Africa that other doctoral candidates, other writers, and mentors can use in their pursuits.

The College of Mentors is a part of the activities of CODESRIA's African Diaspora Support to African Universities program. The College is composed of senior academics from the Diaspora and within Africa in higher education, the humanities and social sciences. This component entails linking selected PhD candidates and their supervisors to mentors for purposes of benefiting the candidates in their PhD progress. The mentors are expected to offer advice regarding relevant literature, read and comment on draft chapters of theses in preparation, liaise with the official advisors of the doctoral candidates based at African universities and share their views about the work of the students; and where possible, invite and host the students and the official advisors as visiting scholars. The mentors may also be requested to run various activities under this program such as institutes, research methodology workshops and research networks. A joint workshop of the selected students, their supervisors and mentors are held at the beginning to agree on working modalities. The College seeks to both complement and strengthen the support in capacity building in African universities in which CODESRIA is engaged through the Small Grants Programme for Thesis Writing, the institutes, and the methodology workshops.

CODESRIA's African Diaspora Support to African Universities seeks to mobilize African academics in the Diaspora to contribute to the strengthening of African universities, the nurturing of new generations of scholars in Africa in a

culture of excellence, and the revitalization of the social sciences, higher education studies, and the humanities. The specific objectives of the initiative include the strengthening of PhD programs and the curricula in the social sciences and the humanities (SSH); contribute to the filling of gaps and dealing with shortages in teaching; mentoring of young social science scholars in Africa, more generally; as well as in strengthening relations between African academics in the Diaspora and the institutions where they are based and African universities.

The initiative derives from CODESRIA's mandate as the leading Pan-African social science council of the continent and its responsibility to help address the problem of the shortage of qualified academic staff in many African universities both for teaching and for PhD supervision. This problem has worsened with the creation of hundreds of new public and private universities. The consequences of these shortages include the lack of capacity in most of the social science and humanities departments and schools in African universities to organize quality postgraduate programs and conduct research. In some instances, capacity for postgraduate supervision does not exist, and doctoral and masters students take longer to complete their programs due to a lack or shortage of qualified supervisors and mentors.

On the other hand, the existence of a large African academic Diaspora has been documented in numerous studies. Many of these scholars are willing to lend a hand in the revitalization of universities in their home countries or elsewhere in Africa. Other highly qualified academics are circulating outside the universities, within Africa itself, and it would be important to have an initiative that taps into the knowledge and skills they have. Therefore, one effective way to address the shortage of qualified senior academic staff and PhD supervision capacity in African universities is to mobilize the academic Diaspora to support universities in Africa.