



# ASFI 2023 Virtual Conference and Boot Camp

28<sup>th</sup>-30<sup>th</sup> November 2023

## *Research For Africa's Transformation: Challenges, Quality, And Impact*



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# Welcome



**Dr. Bright Nwaru**  
ASFI Founder & Executive  
Director; Associate  
Professor of Epidemiology,  
University of Gothenburg,  
Sweden

## Distinguish Colleagues,

I warmly welcome you to the maiden annual ASFI Virtual Multidisciplinary Conference and Boot Camp. This conference and bootcamp camp, coming in the third year of the existence of ASFI, marks an important milestone for the growth of the organization and science in our dear continent. It is exciting to see that we can altogether make this event a reality.

Our dear continent, Africa, faces numerous developmental challenges. The role of science in providing innovative evidence to spur societal development is at no other time in our developmental evolution more critically needed than now. But our efforts cannot yield any positive result when we work in isolation. Our numerous societal challenges always carry multiple faces. It is on this note that the old ship's crew saying, "all hands must be on deck", comes alive. We can only make tangible impacts when we all come together, regardless of disciplines, nationalities, and other affiliations to discuss and propose solutions for our dear continent.

The need for a multi-sectoral approach in solving Africa's developmental challenges through research was the motivating reason for this conference and boot camp, which is planned to hold annually. Consequently, the event has been rightly tagged as a multidisciplinary event, focusing on the theme: "Research for Africa's Transformation: Challenges, Quality and Impact." I believe that this conference and boot camp creates a forum for self-expression, unity of purpose, and innovative conversations on how our collective research can become a prominent ingredient in Africa's developmental agenda. With this onerous focus, coupling together our diverse research orientations and disciplines, we can together achieve more than otherwise. For this, I boldly say that there is hope for Africa's science as a panacea for Africa's development.

The planning for this event started just over eight months ago. The planning committees were set up, comprising both those experienced in organizing an event of this kind and those with no experience. The overarching goal of this mixed bag was to enable capacity building, mentoring, and experience sharing, at the same time make concrete progress in planning the event. Dr. Verrah Otiende (Chair, conference planning committee) and Dr. Eunice Fonyuy Fondze-Fombe (chair, boot camp planning committee) mobilized their committee members, made uncountable sacrifices and sterling efforts to pull together this robust program for this event. They have indeed set an excellent template that we can capitalize on for the future. Without them, this event would have been impossible. To them all thanks go to!

Once more, I welcome you to this maiden annual multidisciplinary event. I enjoin you to take the opportunities it offers. We have interesting abstracts – 85 oral or poster presentations, completed and work-in-progress, and from scholars regardless of your career stage. It is a place for everyone. It is a place to learn. It is a place to impart knowledge and skills. It is a place for all Africans!



**Dr. Eman Sobh**

ASFI Director of Science & Communications; Associate Professor of Chest Diseases; Al-Azhar University, Egypt

**Dear Friends,**

I am pleased to invite you all to the first African Science Frontiers Initiatives (ASFI) conference and boot camp. The conference will be an annual event that brings African researchers, scientists, and stakeholders together to present, network, and learn. It will be an opportunity for collaboration, and cooperation, and showcase the latest African research. The conference will be multidisciplinary and interdisciplinary where experts and interested scholars from various African countries and diaspora and from different fields will meet and so have enriching discussions aiming to advance scientific research and development of Africa.

This maiden ASFI conference and boot camp will be a place for capacity building and gathering senior & junior African scholars to meet, work together, and have inspiration through workshops, games, quizzes & competitions. It is important to say that the conference and boot camp encourages participation from all scientific fields, and all career levels. Students are also welcomed to attend, present, and participate in discussions so they can exchange and gain new knowledge, advance their careers, gain new skills and be active contributors for Africa's scientific development.

ASFI conference and boot camp 2023 will take place from 28th to 30th November 2023 online. Save the date and do not miss the opportunity to attend this event and be engaged with African scholars.



**Dr. Verrah Otiende**  
Chair, ASFI 2023  
Conference Planning  
Committee; VP  
Conferences and Events,  
ASFI Members' General  
Assembly; Lecturer, Tom  
Mboya University, Kenya

**Ladies and gentlemen, esteemed participants,**

Welcome to the inaugural Annual ASFI Virtual Multidisciplinary Conference and Boot Camp. With my colleagues in the Conference Planning Committee, I am delighted to have you join us on this exciting intellectual journey, placing Africa at the center of knowledge exchange, collaboration, and growth.

This conference carries incredible significance as it offers a unique platform for scholars, researchers, professionals, and enthusiasts from diverse backgrounds to come together to deliberate issues that are dear to us. It presents a unique opportunity to expand your horizons, gain insights into the latest research specific to Africa, and establish meaningful connections with fellow attendees from our continent.

Throughout this event, our thoughtfully designed program will address pressing topics and emerging trends that impact Africa's scientific frontiers and societal development. We have curated engaging keynote sessions, oral presentations, and poster sessions to provide valuable perspectives that will inspire and challenge you. Our interactive workshops and panel discussions will foster the sharing of experiences, best practices, and innovative approaches tailored to the African context.

The conference will feature a series of sessions focused on crucial aspects of research and development in Africa. These sessions include: highlighting the importance of multidisciplinary research and collaborative efforts in advancing knowledge; exploring the current research evidence on climate change's impact on food security in Africa; fostering research innovation and discussing challenges and prospects; examining gender perspectives in research productivity and impact; understanding the influence of African sociocultural beliefs and norms on research quality; and analyzing the contributions of African governments and NGOs towards research institutions and infrastructure development. These sessions aim to provide precise insights, promote fruitful discussions, and shape the future of scientific endeavors in Africa.

As we navigate this virtual conference, I encourage you to actively participate, contribute your knowledge, and engage in fruitful discussions. Together, we have the power to shape the future of scientific research and development in Africa, making a lasting impact on academia, industry, and society. We eagerly await your virtual presence and the invaluable contributions you will bring to this enriching gathering of African minds.

Warm regards





**Dr. Eunice F. Fondze-Fombebe**  
Chair, ASFI 2023 Virtual  
Science Boot Camp Planning  
Committee; President, ASFI  
Members' General Assembly;  
Associate Professor of  
Literature and Cultural Studies  
University of Buea, Cameroon

### **Distinguish Colleagues,**

I have the pleasure to welcome you to this maiden edition of the ASFI Annual Virtual Multidisciplinary Conference and Boot Camp. I particularly welcome you to this multidisciplinary scientific engagement in my capacity as the Chair of the Boot Camp Planning Committee, doubling as the pioneer President of the ASFI Members' General Assembly. In these capacities and counting on my ardent followership of ASFI programs over the last 3 years, I can confidently confess that without continuous research capacity building, Africa's place in global research reckoning and research-oriented development will remain only a dream. This is the motivation for the Boot Camp.

The research innovation eco-system necessitates cultivating adaptability and continuous improvement in how relevance, quality and impact of research is imagined and produced. Also, scientific research, technology application and transfer, communication of research results, translation of output for uptake and capturing of impact are foundational to better address the need for meaningful real-world change and to achieve Africa's developmental goals. However, Africa faces several constraints in relation to the research process, impact, communication and translation of research results to end users. For example, one of the challenges to socio-cultural, economic, political, ecological/environmental and technological advancement in Africa is the limited use of research results for decision-making. Given the dynamic and complex developmental situation Africa faces and the depth and urgency of these challenges, it requires more than just researchers with conventional research skills. Capacity building through anticipatory, active and discerning activities and skills that aid in aligning impact with the desired real world meaningful and transformational change are needed.

The ASFI 2023 Virtual Science Boot Camp is a crucible for African scientists at different career levels, fields and expertise who aim to generate desirable change through smart self-training activities. They are researchers who acknowledge context and complexity of problems that require multidisciplinary and collaborative approaches to address, as they promote quality, relevance, impact and meaningful transformation through well-thought-out activities. The end result is to camp and find synergies, share ideas between and across disciplines and discuss issues of key interest in the valorization of research results and products in the developmental process of the African continent.

The benefits are idea-sharing, development of 'soft' and technical skills, development of strong peer groups, discovering and expansion of networks, building of collaborative projects, sourcing for new opportunities, promoting and celebrating excellence.

# Conference Sub-Themes

## **Multidisciplinary Research- Quality and Synergy in Collaborative Research**

Collaborative research involving experts from different fields can lead to a more thorough and insightful understanding of complex issues, resulting in innovative and effective solutions. However, this type of collaboration also presents challenges that can impact the quality and effectiveness of research outcomes. These challenges include differences in methods and perspectives among researchers, which can hamper the synergy of their work.

The Multidisciplinary Research- Quality and Synergy in Collaborative Research sub-theme highlights the significance of collaboration between researchers from diverse disciplines for producing high-quality research. It stresses the importance of effective communication, cooperation, and synergy among researchers, as well as the value of incorporating diverse perspectives and methods in research. In summary, the sub-theme recognizes the immense potential of multidisciplinary research collaboration while also acknowledging the difficulties that may arise. It aims to emphasize the need for effective collaboration among researchers from diverse fields to overcome these challenges and produce high-quality research that can address complex issues and lead to innovative solutions.

## **Climate Change and the State of Food Security in Africa**

The sub-theme "Climate Change and the State of Food Security in Africa" aims to delve into the complex interplay between climate change and the current state of food security in Africa. These interconnected phenomena are having a profound impact on agriculture, with crops failing due to various factors such as heat stress, water scarcity, and soil degradation. Consequently, the food security of many African nations is under threat, with millions of people facing hunger and malnutrition.

The sub-theme seeks to explore the impact of climate change on food security in Africa and the adaptation measures and policies being implemented to mitigate these effects. It also aims to highlight the critical role of government policies and programs, as well as international partnerships, in addressing the challenges of climate change and food security in Africa. The sub-theme recognizes the urgency of the situation and aims to bring together researchers, policymakers, and practitioners to share their experiences, knowledge, and best practices towards achieving food security in the face of climate change.

Overall, the sub-theme recognizes the gravity of the situation and aims to facilitate a platform for meaningful discussion and exchange of ideas between researchers, policymakers, and practitioners. Through this collaboration, the sub-theme hopes to generate new insights and ideas that can inform effective policies and practices for achieving food security in the face of climate change in Africa.

## **Research Ingenuity and Innovation- Challenges and Prospects**

The sub-theme "Research Ingenuity and Innovation: Challenges and Prospects" emphasizes the critical role of innovation and ingenuity in research in advancing knowledge, driving economic growth, and addressing societal challenges. This sub-theme aims to explore the challenges and opportunities in research ingenuity and innovation across various fields. The concept of innovation in research encompasses not only technological advancements but also new methodologies, theories, and paradigms.

The sub-theme seeks to showcase the latest research, best practices, and success stories in various disciplines. It will cover several topics, including emerging trends and opportunities in research ingenuity and innovation, the role of research institutions in promoting innovation, interdisciplinary research, funding and support for innovation, strategies for promoting collaboration and partnerships, best practices in academia and industry, ethical considerations, intellectual property, and commercialization of research outcomes, and the impact of innovation on societal development and economic growth.

The sub-theme provides a platform for researchers, innovators, and policymakers to share their experiences, insights, and recommendations on the challenges and prospects of research ingenuity and innovation. The aim is to promote a better understanding of the importance of research ingenuity and innovation in advancing knowledge, driving economic growth, and solving societal problems.

## **Gender Issues- its Challenges and Contributions to African Research Development**

Sub-theme 4 focuses on exploring the challenges and contributions of gender issues to African research development. Gender issues in Africa are multifaceted, ranging from gender-based violence to unequal access to education, healthcare, and job opportunities. These challenges pose significant obstacles to the development of research in Africa.

At the same time, gender issues also present unique opportunities for research development, as addressing them can lead to more inclusive and diverse research outcomes. This sub-theme seeks to explore the intersectionality of gender issues and research development in Africa, highlighting the need to address gender inequalities to achieve sustainable development.

## **African Sociocultural beliefs and Norms: Challenges and Prospects on Research Development**

Sub-theme 5 invites abstract of research that focus on the challenges and prospects of research development in Africa in the context of sociocultural beliefs and norms. The sub-theme recognizes the rich and diverse cultures of African societies, which are often rooted in traditional beliefs and practices. These beliefs and practices have implications for how research is conducted, interpreted, and applied in various fields, including health, agriculture, education, and social sciences.

The sub-theme seeks to understand the impact of African sociocultural beliefs and norms on research development, including the challenges and opportunities that arise from this impact. Research in this area faces significant challenges due to the complexity and diversity of African sociocultural beliefs



and norms. These challenges include language barriers, lack of access to research participants, and the need to balance cultural sensitivity with scientific rigor. Moreover, some African sociocultural beliefs and norms may conflict with modern scientific practices, creating tensions between traditional and scientific knowledge.

The sub-theme aims to explore the potential of these beliefs and norms to drive innovation and creativity in research, as well as the challenges they pose for researchers who seek to navigate them while adhering to scientific principles and standards. The sub-theme features research that explore innovative approaches to address these challenges, such as building partnerships and collaborations with local communities, incorporating indigenous knowledge systems into research methodologies, and engaging in culturally sensitive communication and dissemination of research findings.

Overall, Sub-theme 5 provides a platform for scholars, researchers, policymakers, and practitioners to engage in critical discourse on the challenges and prospects of research development in Africa in the context of sociocultural beliefs and norms. It seeks to identify strategies for overcoming challenges and promoting sustainable development by advancing the continent's research agenda.

## **African Government and Non-governmental Organizations- Contributions towards Research Institutions and Infrastructural Development**

Sub-theme 6 aims to examine the vital role of African governments and non-governmental organizations (NGOs) in promoting research institutions and infrastructural development on the continent. Recognizing that these institutions are key drivers of sustainable development and economic growth in Africa, this sub-theme seeks to explore how governments and NGOs can play a more effective role in promoting and supporting their development.

The contributions of African governments and NGOs towards research institutions and infrastructural development are critical to addressing the developmental challenges faced by the continent. Governments and NGOs provide vital funding, policy direction, and strategic partnerships necessary for the successful implementation of research and development projects. Through these interventions, they can enable the development of the necessary infrastructure, including laboratories, libraries, and communication networks, which facilitate research and innovation.

This sub-theme invites abstracts that explore various aspects of African governments and NGOs' contributions towards research institutions and infrastructure development. Authors may submit case studies, theoretical frameworks, and empirical research that highlight innovative strategies and policies adopted by African governments and NGOs in promoting research and infrastructure development.

Overall, this sub-theme seeks to highlight the critical role of African governments and NGOs in promoting research institutions and infrastructural development in the continent, and their contributions to sustainable development and economic growth. It offers a platform for scholars, researchers, policymakers, and practitioners to engage in critical discourse on the challenges and prospects of research development in Africa in the context of government and NGO support. Through this, the sub-theme aims to advance the continent's research agenda and promote sustainable development.

# ***Conference and Boot Camp Planning Committees***

## **Conference planning committee**

Dr. Verrah Otiende (Chair) - Kenya  
Dr. Tamador Saeed (Vice Chair) - Sudan  
Dr. Edna Majaliwa (Secretary) - Tanzania  
Dr. Abbas Abel Anzaku (Assistant Secretary) – Nigeria

## **Bootcamp Planning Committee**

Dr. Eunice Fonyuy Fondze-Fombebe (Chair) - Cameroon  
Dr. Rodrigue O.E. Pelebe (Vice Chair) - Benin  
Sylvia Baah-Tuahene (Secretary) - Ghana  
Dr. Jerry Kwarbai (Member) – Nigeria  
Marion Wambui Keinamma (Member) – Kenya

## **Conference Technical Committee**

Dr. Jerry Kwarbai (Chair) – Nigeria  
Dr. Collins Chibundu Nwokoro – Nigeria  
Dr. Rodrigue O.E. Pelebe – Benin  
Dr. Precious Okey-Eteike – Nigeria  
Dr. Edna Siima-Majaliwa – Tanzania  
Ms. Sylvia Baah-Tuahene – Ghana

# Keynote Speakers



## Professor Oyewole Tomori

Prof. Tomori holds a Doctor of Veterinary Medicine degree from Ahmadu Bello University, Nigeria and a Ph.D. in virology from the University of Ibadan, Nigeria. He was appointed as a professor of virology in 1981 and later became the head of the Department of Virology at the University of Ibadan. He was the pioneer vice chancellor of Redeemer's University, Nigeria, between 2004 and 2011.

His research interests include viral infections, such as Ebola hemorrhagic fever, yellow fever, and Lassa fever. He served as the Regional Virologist for the World Health Organization Africa Region (1994-2004).

He has received numerous national and international awards and fellowships, including the United States Department of Health and Human Services Public Health Service Certificate, Nigeria National Ministry of Science and Technology Merit Award for excellence in medical research, Fellow of the Nigerian Academy of Science, Fellow of the College of Veterinary Surgeons of Nigeria, Fellow of the Royal College of Pathologists of the United Kingdom, International member of the United States National Academy of Medicine, and Fellow of the American Society of Tropical Medicine and Hygiene.

He is a past President of the Nigerian Academy of Science.

Keynote Speech: ***“Importance of Multidisciplinary Research in Advancing Knowledge”***



## Professor Olubukola Oluranti Babalola

Prof. Babalola (Pr.Sci.Nat., FASLP, MASSAF, FTWAS, FAS, FAAS), a National Research Foundation (NRF) rated scientist, is the incumbent Research Director of the Food Security and Safety Niche Area at North-West University (NWU), South Africa. She is the Vice President of the World Academy of Scientists (TWAS, Africa), as well as the Vice President, Organization for Women in Science for the Developing World (OWSD, Africa).

She is the head and Principal Investigator of the Microbial Biotechnology Group, a Microbial Biotechnology Research laboratory which she set up from scratch at NWU. Her laboratory is a mini united nation, with students from within and outside Africa, making a substantial contribution to science, her original research motivation.

She is a graduate of the North-West University (NWU) Business School, South Africa, but obtained her PhD in Microbiology from the University of Ibadan, Nigeria with the Visiting Research Fellowship of the International Institute of Tropical Agriculture (IITA) and the Postgraduate Training Fellowships of the Organization for Women in Science for the Developing World.

She had two postdoctoral experiences: first, at the Weizmann Institute of Science, Rehovot, Israel, through the Feinberg Graduate School Postdoctoral Fellowship and the International Atomic Energy Agency (IAEA) Fellowship. The second postdoctoral exposure was at the University of the Western Cape (UWC), South Africa.

She has almost 240 scientific papers to her credit. She is on the editorial boards of BMC Microbiology (Elsevier) and Biochemistry and Biophysics Reports (Elsevier). Since starting her role at NWU in 2009, she has supervised 22 doctorate fellows, 20 master's students, and a number of Honors students.

She has won many awards, including being the finalist, GenderInSite 2020. She is an AAAS-TWAS Science diplomacy 2014 alumnus. She is a fellow of The World Academy of Sciences (TWAS) and Academy of Science of South Africa (ASSAF). Her wealth of international experience spans the Americas, Asia, Europe, and Oceania. She enjoys international collaborations, research grants, and many awards.

Keynote Speech: ***“Addressing Climate Change on Food Security in Africa”***



## Professor James K. Kewir

Prof. Kewir joined the African Leadership Centre, Nairobi, Kenya in October 2016 as a Research Leader. He currently serves as a Research Leader for the Central African Hub of the African Leadership Centre.

He is also a visiting Professor of Conflict Prevention and Regional Integration at the Institute for Governance, Humanities and Social Sciences of the Pan-African University (African Union) hosted at the University of Yaounde II Soa, Cameroon, and President of Rebuilding Lives (a humanitarian organization).

He has been a visiting senior research fellow as part of the Practice of Leadership Program with the African Leadership Centre at the Faculty of Social Science and Public Policy, King's College London.

He has served as a reviewer for several international journals and led several innovative research projects around conflict prevention.

He holds an MA in Peace and Reconciliation Studies from the Centre for Peace and Reconciliation Studies in Coventry University, United Kingdom, and a PhD in Political Science from the University of Yaoundé II Soa.

Keynote Speech: ***“Understanding Sociocultural Contexts in African Research”***





## Professor Alinah K. Segobye

Prof. Segobye is an Extraordinary Professor at North-West University and Research Scholar at the African Futures Institute in South Africa. She was the former Dean of Faculty (Human Sciences) at the Namibia University of Science and Technology.

She is a Fellow of the African Academy of Sciences (AAS) and serves on the African Union Commission's Champions for Arts Culture and Heritage panel of experts.

She earned both MPhil and PhD from the University of Cambridge, UK, in archaeology. Thereafter, she has had several research fellowships, including visiting scholar at Humanities Research Centre, University of Canberra; Smuts Fund visiting research fellow at the Department of Archaeology, University of Cambridge; fellow of Wolfson College, University of Cambridge; senior research fellow at the University of Bradford, UK; visiting scholar, Mellon Foundation Research Grant, Stanford University, USA; senior research fellow University of South Africa; honorary associate professor at Thabo Mbeki Leadership Institute, University of South Africa; Fulbright Scholar senior research fellow at Sociology Department and Centre for African Studies, U.C. Berkeley, USA; and currently associate senior researcher, African Futures Institute, Pretoria, South Africa.

She has served as the Deputy Executive Director Research, Human Sciences Research Council, Pretoria, South Africa; Senior Consultant, African Comprehensive Partnerships for HIV/AIDS; Senior Lecturer and Associate Professor at University of Botswana; Vice President and President, Pan African Association of Archaeology & Related Studies; Deputy Chairperson, DELTAS programmes selection committee, African Academy of Sciences (2020); member of the African Union Champion's Task Group on Arts, Culture and Heritage; Chairperson, Programmes Committee, African Academy of Sciences.

She has served or currently serves in the boards of several national, continental, and international organizations. She is also in the editorial boards of several journals in her areas of research interest. She has teaching, research and consultancy experience in African studies, including archaeology, culture & heritage management, HIV/AIDS; gender and development. She has authored several essays and book chapters on Africa's development. Since 2021, she serves as the Chairperson, Science for Africa Foundation.

**Keynote Speech: "The Role of Government and NGOs in Research Development in Africa"**

## Panel Discussants



**Dr. Bridget Bannerman**

Director of Studies and Tutor  
Lucy Cavendish College  
University of Cambridge  
United Kingdom

Founder and Research Director  
Science Resources Africa



**Prof. Dorcas Obiri-Yeboah**

Professor of Clinical  
Microbiology, Department of  
Microbiology and Immunology  
University of Cape Coast, Ghana

Deputy Director, Directorate of  
Research, Innovation and  
Consultancy University of Cape  
Coast, Ghana



**Dr. Karen Jacqueline Cloete**

Senior Scientist, UNESCO-UNISA  
Africa Chair in Nanosciences  
and Nanotechnology  
Laboratories  
University of South Africa

Nanosciences African Network  
iThemba LABS-National Research  
Foundation, South Africa



**Prof. Rosemary Ogu**

National President, Medical  
Women's Association of Nigeria

Head of Department  
University of Port Harcourt

Consultant Obstetrician  
Gynaecologist, University of Port  
Harcourt Teaching Hospital,  
Nigeria

## Boot Camp Facilitators



**Dr. Fidele Ntie-Kang**

Associate Professor of Pharmaceutical Sciences, University of Buea Center for Drug Discovery, University of Buea, Cameroon

Facilitator: ***“Visibility and Personal Branding”***



**Dr. Nwokoro Chigbundu Collins**

Senior Lecturer/ Honorary Consultant Paediatric Surgeon Olabisi Onabanjo University/Olabisi Onabanjo University Teaching Hospital, Ogun State, Nigeria

Facilitator: ***“Research Proposal Development”***



**Dr. Eman Sobh**

Associate Professor of Chest Diseases, Faculty of Medicine for Girls, Al-Azhar University, Egypt

Facilitator: ***“Soft Skills for Researchers”***



**Dr. Dumisani Hompashe**

Senior Lecturer, Department of Economics, University of Fort Hare, South Africa

Co-facilitator: ***“Communicating Research to a Wider Audience”***



**Dr. Benita Amos-Fidelis**

Vice Dean, School of Graduate Studies, Valley View University, Ghana

Facilitator: ***“Mastering Self-Learning Techniques for Continuous Growth”***



**Dr. Abdul Hamidu Abdullahi**

Associate Professor, Department of Local Government and Development Studies, Faculty of Administration, Ahmadu Bello University Zaria, Nigeria

Co-facilitator: ***“Communicating Research to a Wider Audience”***

# Programme

Time (GMT)	Programme Type	Presenter(s)	Title/Topic of Presentation
<b>28<sup>TH</sup> NOVEMBER (DAY 1)</b>			
08.00-9.00	Opening	ASFI Admin ASFI Members' Assembly Conference Planning Committee	Welcome & Introductions
09.00-9.40	Keynote Speech	Prof. Oyewole Tomori	Importance of Multidisciplinary Research in Advancing Knowledge
09.45-10.25	Keynote Speech	Prof. Olubukola Babalola	Addressing Climate Change on Food Security in Africa
10.30-12.00	Oral Abstracts	Multiple presenters in Session 1	Oral presenters in parallel sessions according to sub-themes
12.00-12.30	Lunch Break		
12.30-13.30	Games	Boot Camp Planning Committee	Games and icebreaker activities
13.30-14.15	Workshop	Dr. Fidele Ntie-Kang	Visibility and Personal Branding
14.30-15.15	Workshop	Dr. Eman Sobh	Soft Skills for Researchers
<b>29<sup>TH</sup> NOVEMBER (DAY 2)</b>			
08.00-08.30	Opening	ASFI Admin Conference Planning Committee	Welcome & Announcements
08.30-10.30	Panel Discussion	Dr. Bridget Bannerman; Prof. Dorcas Obiri-Yeboah; Dr. Karen Jacqueline Cloete; Prof. Rosemary Ogu	Gender issues in research productivity and impact in Africa (1) Gender perspectives in African research & development (2) Promoting gender equality in African research
10.40-11.00	Launch	ASFI Admin	Launch of the ASFIScholar: a visibility, collaborative, and learning platform for African academic community
11.00-12.00	Poster Abstracts	Multiple presenters	Viewing of posters in ASFIScholar platform
12.00-12.30	Lunch Break		
12.30-13.15	Workshop	Dr. Nwokoro Chigbundu Collins	Research Proposal Development
13.15-15.15	Workshop	Dr. Nwokoro Chigbundu Collins	Guided subgroup discussion on research proposal development
<b>30<sup>TH</sup> NOVEMBER (DAY 3)</b>			
08.00-08.30	Opening	ASFI Admin Conference Planning Committee	Welcome & Announcements
08.30-09.00	Launch	ASFI Admin	Launch of ASFI Research Journal (ASFIRJ)
09.00-09.40	Keynote Speech	Prof. James K. Kewir	Understanding Sociocultural Contexts in African Research
09.45-10.30	Keynote Speech	Prof. Alinah Segobye	The Role of Government and NGOs in Research Development
10.30-12.00	Oral Abstracts	Multiple presenters in Session 2	Oral presenters in parallel sessions according to sub-themes
12.00-12.30	Lunch Break		
12.30-13.30	Workshop	Dr. Benita Amos-Fidelis	Mastering Self-Learning Techniques for Continuous Growth
13.30-14.30	Workshop	Dr. Dumisani Hompashe Dr. Abdul Hamidu Abdullahi	Communicating Research to a Wider Audience
14.30-15.00	Closing	ASFI Admin ASFI Members' Assembly Conference Planning Committee	Summary of key takeaways Closing remarks and acknowledgments Announcement of 2024 conference

# Oral Abstracts

Presenter	Breakout Group	Time (GMT)	Abstract Title		
SESSION 1 (28 <sup>TH</sup> NOVEMBER)					
MODERATORS AND RAPPORTEURS	ROOM 1: <u>Moderator:</u> Dr. Nidal Essa <u>Rapporteur:</u> Dr. Foluso Agulanna		ROOM 2: Dr. Mariam Oyedeji Amusa <u>Moderator:</u> <u>Rapporteur:</u> Mr. Jean Felix Habimana	ROOM 3: <u>Moderator:</u> Dr. Precious Eteike <u>Rapporteur:</u> Mrs. Motunrayo Joseph-Hunvenu	ROOM 4: <u>Moderator:</u> Dr. Olubukola Adesina <u>Rapporteur:</u> Nelson Cuboia
Olufunmilola Adedayo Ogunbunmi	Room 1	10.30-10.45	Colonisation and African Indigenous Industry: Changes and Adaptation in the Use of Black soap in the 21st Century for Sustainable Development		
Luka Jacob Jiwul	Room 1	10.45-11.00	Natural Resources and Community Boundary Dispute: The Role of the Traditional Institutions in Conflict Prevention and Resolution in Africa		
Timothy Adeyemi	Room 1	11.00-11.15	Assessment of patient satisfaction and quality of care among patients receiving physiotherapy care in Oyo State, Nigeria		
Lucy Achieng' Ogol	Room 1	11.15-11.30	Learning Conceptions among Female and Male Students in Graphic Arts Technical Training Institutions in Nairobi, Kenya		
Verrah Otiende	Room 1	11.30-11.45	Unravelling the Discrepancy: Gender Disparities in STEM at African Post-secondary Institutions		
John Njuma Libwea	Room 2	10.30-10.45	Generating the evidence to support the establishment of RSV surveillance system in Cameroon: A systematic review protocol		
Ajibola Oladejo	Room 2	10.45-11.00	Regional variations in research funding success in Africa		
Kezia H. Mkwizu	Room 2	11.00-11.15	Collaborative Research in Higher Education: Benefits for Scholars		
Abdul-Rahuf Aderemi Feyetimi	Room 2	11.15-11.30	Telfairia occidentalis modulates glucose uptake, satiety and energy balance in high-fat diet/streptozotocin-induced diabetic rats		
Dennis Kudu Egga	Room 2	11.30-11.45	Which school-based substance abuse intervention is effective for Nigerian schools? A systematic review		
Olusegun Sunday Ewemooje	Room 2	11.45-12.00	Does the nature of collaboration contribute to grant success among African scholars?		
Jeremia J Pyuza	Room 3	10.30-10.45	Motivational Determinants in Healthcare: Fresh Insights from Tanzania Amidst a Global Crisis		
Nwokoro C. Collins	Room 3	10.45-11.00	Intussusception: the nightmare of mothers		
Joseph Kpop Moses	Room 3	11.00-11.15	Thermal radiation and chemical reaction effects on unsteady magnetohydrodynamics flow of fourth-grade fluid in horizontal parallel plates channel		
Tanyitiku Enaka Agbor Bayee	Room 3	11.15-11.30	Metacognition and Performances of Literary Translation Students per Language Combination in the Advanced School of Translators and Interpreters		
Ajibola Oladejo	Room 3	11.30-11.45	Does institutional quality influence the effect of migrants' remittances on financial inclusion in West Africa?		
Tosan Omayone	Room 3	11.45-12.00	The effect of methyl jasmonate on colon histopathological alterations and changing profile of nrf2 and pcna in acetic acid-induced colitis in male wistar rats		
Pandukur Sunday Garba	Room 4	10.30-10.45	Pathogenicity of some fungi isolated from cocoyam leaf blight in north central Nigeria		
Samuel Adewale Abanigbe	Room 4	10.45-11.00	Determinants of perception of climate change and level of adaptation strategies among smallholder poultry farmers (SPFs) in Southwest, Nigeria		
Oluwafemi Zacchaeus Olaniyi	Room 4	11.00-11.15	Cassava Productivity Growth Metric: Implications for Food Security in Africa		
Margaret A. Oke	Room 4	11.15-11.30	Asymmetric impact of climate change on agricultural output in Nigeria		
Rolayo Toyin Emmanuel	Room 4	11.30-11.45	Illuminating the transmission risk of sleeping sickness in selected hamlets of Oyo State Nigeria using multidisciplinary one health approach		



SESSION 2 (30<sup>TH</sup> NOVEMBER)

MODERATORS AND RAPORTEURS	ROOM 1: <u>Moderator:</u> Dr. Uchechi Bliss Onyedikachi <u>Rapporteur:</u> Mr. Samuel Abanigbe		ROOM 2: <u>Moderator:</u> Dr. Limkile Mpofu <u>Rapporteur:</u> Dr. Adedayo Oyedele	ROOM 3: <u>Moderator:</u> Dr. Abdul Hamidu Abdullahi <u>Rapporteur:</u> Luka Jacob	ROOM 4: <u>Moderator:</u> Dr. Chinenye Jane Ugwah-Oguejofor <u>Rapporteur:</u> Nelson Cuboia
Precious Eteike	Room 1	10.30-10.45	The Prevalence and pattern if distribution of mental disorders among adults in Imo State Southeast Nigeria		
Olubukola Adesina	Room 1	10.45-11.00	Impact of household poverty, food insecurity and nutritional status on child wellbeing in Nigeria		
Nwokoro Chigbundu Collins	Room 1	11.00-11.15	Intestinal obstruction in childhood caused by intussusception: Experience at a tertiary hospital in southern Nigeria		
Ngantu epse Kome Judith Go'oh	Room 1	11.15-11.30	Intertextuality in Anglophone Cameroon Literature: A reading of Ernest Veyu's The Return and John Nkemngong Nkengassong's The Widow's Might		
Mukonkola Mwale	Room 1	11.30-11.45	Exploring technology adoption for business and awareness of the Fourth Industrial Revolution amongst business managers and entrepreneurs in Ndola, Zambia		
Olubukola Adesina	Room 1	11.45-12.00	Successful Grantsmanship Among African Researchers – The Effect of Previous Mandatory Research Methodology Courses		
Joana Oiza Adeleke	Room 2	10.30-10.45	Self-Efficacy, Self-Esteem and Body Image of Clinical Undergraduates in a Nigerian University		
Iheanyi K. Peter-Ajuzie	Room 2	10.45-11.00	Grant Success by Discipline, Employment Status, And Role at Work Among Africans		
Omorinola Adekemi Afolabi	Room 2	11.00-11.15	Receptivity of Rural Dwellers in Abeokuta North Local Government Area to Innovation in Primary Health Care through Online Clinics.		
Dumisani Hompashe	Room 2	11.15-11.30	Is patient satisfaction associated with the quality of health care? Evidence from a Standardised Patient Study		
Ajibola Oladejo	Room 2	11.30-11.45	Regional Variations in Research Quality, Productivity and Impact in Africa		
Dennis Kudu Egga	Room 2	11.45-12.00	“Charity begins at home”, so is smoking: role of family, teacher’s and friend’s smoking in smoking habits of Nigerian in-school children		
Timothy Adeyemi	Room 3	10.30-10.45	A comparative study on perception on online learning during covid-19 pandemic and face-to-face learning pre-pandemic of physiotherapy undergraduates of Bowen University, Iwo, Osun State, Nigeria		
Tetteh Bryt Sakyi	Room 3	10.45-11.00	Digitalizing Public Sector Procurement in Ghana: Sector Readiness and Implications on Attaining Public Sector Procurement Objectives		
Mgboh Vivian Onyinyechi	Room 3	11.00-11.15	Physicochemical and Heavy Metal Analysis of Underground Water in Amukpe Town, Sapele Delta State		
Adedayo O. Oyedele	Room 3	11.15-11.30	Sources of Information about Research Grants among African Scholars		
Rachael Oduyemi	Room 3	11.30-11.45	Institutional determinants of research quality, productivity and impact in Africa		
Mariam Oyedeji Amusa	Room 4	10.30-10.45	Leonotis ocymifolia (Burm.f.): An ethnopharmacological review and in vitro antimicrobial assessment		
Chisanga Chipanta	Room 4	10.45-11.00	Plausible effects of different temperatures attained during steam inhalation with and without eucalyptus grandis fresh leaves crude extract on sars-cov-2 in vitro infectivity		
Nelson Cuboia Fernando Cuboia,	Room 4	11.00-11.15	Spatial co-distribution and common predictors of HIV and TB incidence in Mozambique: Bayesian hierarchical modelling for joint diseases		
Amadou Hamadi Diallo	Room 4	11.15-11.30	Evaluation of the Irrigation Water Quality in the Aftout Saheli Area, Right Bank of the Senegal River, Mauritania		
Eman Sobh	Room 4	11.30-11.45	Facilitators and barriers to research funding in Africa		

# Poster Abstracts

Presenter	Abstract Title
Akem Shedmakah Helen	The Use of Tone as a Distinctive Feature in Awing
Chamba Nana Mirelle Flore	Decentering Western Hegemony: African Traditional Dances Principles in Contemporary Dance A Postcolonial Cosmopolitanism Perspective
Chinenye Jane Ugwah-Oguejiofor	Stem bark extract of Ficus platyphylla (Gamji) may be effective in peptic ulcer disease management: an in vivo animal study
Valile M. Dwayi	Deconstructing the governance and leadership crisis in the University Education sector in South African, “Can the Subaltern Speak?”
Tanyitiku Enaka Agbor Bayee	Translation and digitization as a tool for Kenyang feminist knowledge transfer and indigenous language revitalization
Rufus Ogbuka Chime	Block Moulding Machine Design Analysis: Management Approach
Nwokoro Chigbundu Collins	The pattern of presentation and treatment outcome of appendiceal disease in children at a university teaching hospital in south-western Nigeria.
Ngeh Ernestilia Dzekem	Nso Female Oral Poetry and the Question of Relevance: The Study o Toh Songs
Nabulya Jesca	Project Management And Performance In The Institutions Of Higher Learning In Uganda: What Are The Successes And Failures?
Mário Machunguene Júnior	Assessment of Heavy Metals in Crops Cultivated in Industrial Areas of Maputo Province in Mozambique
Janet Okailey Okine	The Influence of Social Media Usage on Attitudes Toward Tobacco Use Among Adolescents in Ghana.
Abdul Hamidu Abdullahi	Project Pet House, A Research Innovation On Tackling Plastic Pollution In Nigeria.
Akinseye Roland	Genomic Innovations Shaping the Future of Neglected Tropical Disease Control and Prevention
Clara Amaka Nkpoikanke	Improving Anti-Folic Acid Efficacy of Cotrimoxazole with Medicinal Synthetic Aluminum-Magnesium Silicate for Treatment of Trypanosomosis
Precious Eteike	Factors affecting Scientific Research by health workers in Nigeria
Eunice Fonyuy Fondze-Fombebe	Knowing and Understanding the Importance of Research and Publication Ethics: Avoiding Research Misconduct in the Humanities in Cameroon
Diana B. Njweipi-Kongor	Bridging the Teaching and Learning Gap in the Course of the Covid-19 Pandemic-The Case of St Jerome Catholic University Institute, Douala
Foluso Agulanna	Effect Of Covid-19 Pandemic On Development In The Cocoa Sub-Sector Of Nigeria: A Systematic Review And Meta-Analysis
Funmilayo Mary Oloyede	Research, Data Sharing And The Nigerian Indigenous Crops
Motunrayo Joseph-Hunvenu	Copyrights of African Researchers and the SDG Agenda
Joel Wadri Demah	Researching For Africa’s Transformation: Challenges, Quality, And Impact. Specific Consideration Of Life Assurance In Africa.
Greg Abiazem	Scaling up COVID19 vaccination through Congregational Approach and Community ART services integration in resource limited setting: CARES ACT/ARPA Project experience in Abia State
Bwire Francis Ogallo	Male Circumcision in sub-Saharan Africa: Practice and Consequences examined through a multi-disciplinary research approach
Ngozi E. Chukwu	Evaluation of Specialised Services for Children with Special needs in South East Nigeria: Study on Parents’ Satisfaction.
Peter Sakwe Masumbe	The West and Politico-Economic Growth or Decline in sub-Saharan African Countries: Focus on Policies on Structural Adjust Programmes, Poverty and Corruption (1980 - 2018)

<b>Limkile Mpofu</b>	An overview of Bacterial zoonotic diseases associated with reproductive disorders among pregnant women in Africa: A systematic review protocol.
<b>Limkile Mpofu</b>	Predictors of mental health service utilisation among the Elderly in Africa: A systematic protocol
<b>Abdul Hamidu Abdullahi</b>	Climate Change, Participatory Rural Appraisal (PRA) and the Status of Rural Communities of Katsina State, Nigeria
<b>Abiodun Olanrewaju Wilhelm</b>	Assessment of Performance Appraisal System in First Bank
<b>Betty Kyakuwa</b>	Enhancing Teacher Competence: Digital Resource and Tools Training for Sustainable Education in Uganda
<b>Ekpo Enoobong Inwang</b>	Effects Of Oil Spillage In The Niger Delta: A Review
<b>Foluso Agulanna</b>	The Role of Ethics in Agricultural Research
<b>Gastervas Geoffrey Rutwara</b>	An AI-powered stakeholder engagement framework for developing Industry-aligned ICT Professional Courses
<b>Joefrey Ngha Fuh Nji</b>	Whose Bilingualism? Instrumental/Integrative Motivation Among Cameroonians In Consolidating National Unity
<b>Limkile Mpofu</b>	Gender differences in perceived quality, productivity, and impact in Africa
<b>Mary Gojeh</b>	Detection Of 2,4-Dichlorophenoxyacetic Acid In Water Through Amperometry And Electrochemical Degradation Using A Tetravalent Coordination Polymer
<b>Nambobi Olivia</b>	Ethical Practices In Information Service Provision At Makerere University Business School Library, Uganda
<b>Paul Onyedikachi Nwosu</b>	Effect of Indirect Tax on Economic Growth in Nigeria
<b>Olarewaju Sunday Olakunle</b>	Factors Influencing Development of Pulmonary Tuberculosis Among Tb Patients In Osun State - A Case Control Study
<b>Uchechi Bliss Onyedikachi</b>	Evaluation Of Polycyclic Aromatic Hydrocarbons And Trace Metals Concentrations In Water And Selected Fish From Two Rivers Connected To Abbatoir Wastewater In Portharcourt, Nigeria
<b>Jacqueline Félicité Yengue</b>	Performance of immunochromatographic and immunoenzymatic techniques in the diagnosis of toxoplasmosis in pregnant women in Cameroon: need for harmonization
<b>Adaka, Oluwayemisi Ayomipo</b>	Feasibility of mhealth interventions towards promoting HIV self-testing uptake in Sub-Saharan Africa: A systematic review of literature

# ASFIScholar Platform



Productivity and visibility are requisite ingredients for impactful scholarship. Beyond its science and research capacity-building programs, ASFI explores different opportunities and platforms to achieve its vision.

Early in its establishment, ASFI crossed path with late **Prof. Charles Ayo**, former vice chancellor of Covenant University, Nigeria, and the pioneer vice chancellor of Trinity University, Lagos, Nigeria, until his demise in June 2023. These interactions revealed the alignment of interest between ASFI and Prof. Ayo to empower African scientists through creating an online platform that will facilitates learning, teaching, scholarly sharing of resources, collaboration, and visibility.

This partnership resulted in the idea of ASFIScholar. Today, the idea has been turned into a reality – the platform is ready. **ASFI** is proud to present to African scholars, academic community, institutions of higher learning, governmental and non-governmental organizations, and the private sector a platform that brings learning, teaching, mentoring, collaboration, publishing, and scholarly visibility in one place.

The ambition of ASFIScholar is to make learning, teaching, and collaboration seamless for African scholars. ASFIScholar will catalyze the strength of African scholars, home and in diaspora, to continuously create a community the African scholar can be proud of; a platform that empowers African scholars to be globally competitive in their fields of scholarship; and a platform that unify African scholarly and research forces to generate innovate research that will add value to the development of our dear continent.

## ASFIScholar Vision

To be the leading one-stop shop interactive platform for eLearning, collaboration, and visibility for African scholars, home and in the Diaspora.

## Our Mission

- To create an all-in-one hub that allows African scholars to learn, teach, mentor, collaborate, publish, and be globally visible.
- To create a platform that allows African scholars at home and in diaspora to contribute resources to research and academic capacity building and career development.
- To form a community of African scholars who have the passion of translating their research and academic outputs to addressing Africa's developmental challenges.
- To facilitate project-based learning that is supported by stakeholders in the education, public and private sectors in Africa.

## Accessing ASFIScholar

Using ASFIScholar is free, but you must register to the platform and create a profile. Once you create your profile, you can connect with and follow other scholars on the platform. You can also create your own library where you can upload your scholarly works, including published books and articles, podcasts, lecture materials, etc. You can also include the links to your profile from other platforms, such as LinkedIn, Google Scholar, YouTube, X (Twitter), Facebook, ResearchGate, Scopus, and Academia.

## ASFIScholar Website

[www.asfischolar.org](http://www.asfischolar.org)

# ***ASFI Research Journal*** ***(ASFIRJ)***

Excellence  
Quality  
Impact  
Timely  
Open access  
Transparency

[www.asfirj.org](http://www.asfirj.org)



## *ASFI 2024 Program Theme*

# Innovation in Research: *Africa's Panacea*

# ASFI 2024 Conference and Boot Camp



Theme:

## **Revolutionizing Perspectives: Unleashing Innovation in African Research**

Dates:

26<sup>th</sup>-28<sup>th</sup> November 2024

Venue:

**Virtual**

### **Conference Sub-themes:**

1. Inclusive Innovation
2. Ethical Considerations in Advancing Research Frontiers
3. Technological Advancements in African Research

### **Boot Camp Sub-themes:**

1. Research Fundamentals & Methodologies
2. Communication & Collaboration Skills in Research
3. Navigating the Digital Research Landscape

# ASFI 2024 Science Seminar Series

The overarching goal of these series is to highlight and emphasize the importance of innovation in research. To emphasize that, for Africa's scientific research to make impact and contribute to Africa's developmental challenges, it must be driven by innovation. These series will survey the landscape of innovation in research, with examples of completed or ongoing innovative research works in Africa. The format of the series will be to invite speakers to present on the different topics.

<b>January</b>	Innovation in Research: What is it?
<b>February</b>	Innovation Research in Africa: The Urgencies
<b>March</b>	The Innovation Research Pathways: How They Work
<b>April</b>	Innovation Research Pitfalls: How to Avoid Them
<b>May</b>	Making Innovation Research Work: The Stakeholders and Their Roles
<b>June</b>	Making Innovation Research Work: The Funding Aspects
<b>July-December</b>	Showcasing of Exemplar of Completed or Ongoing Innovative Research in Africa Across Sectors and Disciplines

# Dr. Nwaru's Research Tips & Tricks 2024

## Theme: Scientists' Success Virtues

January	Who is a Scientist?
February	What Scientists Do
March	<i>Passion</i> – The success foundation fervour
April	<i>Curiosity</i> – The exploration virtue
May	<i>Ignorance</i> – The outcome that beautifies research
June	<i>Failure</i> – The never-ending learning curve
July	<i>Persistence</i> – The fuel that propels success
August	<i>Patience</i> – The lubricator of the research storms
September	<i>Creativity</i> – The real innovation ingredient
October	<i>Networking</i> – You must be collegiate
November	<i>Flexibility</i> – Resilience makes you strong
December	<i>Communicative</i> – Telling your story right

# ASFI Membership Assembly Leadership 2023-2025



**Dr. Eunice F. Fondze-Fombele**  
**President**



**Mr. Habimana Jean Felix**  
**Secretary General**



**Dr. Edna Majaliwa**  
**Asst. Secretary General**



**Dr. Verrah Otiende**  
**VP Conferences & Events**



**Dr. Uchechi B. Onyedikachi**  
**VP Communication & Public Engagements**



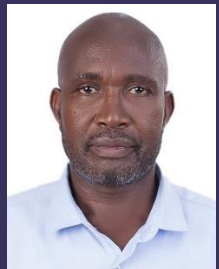
**Dr Nidal Essa**  
**VP Science & Education**



**Mr. Samuel Abanigbe**  
**VP Membership Drive**



**Mrs. Motunrayo Joseph-Hunvenu**  
**VP Ethics & Protocols**



**Dr. Nwokoro C. Collins**  
**Chair, Senior Assembly**



**Dr. Precious Okechukwu Eteike**  
**Chair, Junior Assembly**



**Dr. Dumisani Hompashe**  
**Vice Chair, ASFI Senior Sub-Assembly Senior**



**Dr. Mariam Oyedeji Amusa**  
**Vice Chair, ASFI Junior Sub-Assembly**



# *External Organizations*



## ABOUT

Science Resources Africa, through its Science Resources Foundation partnership programme, is a non-profit organization with a mission to enhance the availability of scientific resources to communities in Sub-Saharan Africa.

## OBJECTIVES

- Support education in the region
- Intensify research efforts to combat diseases that plague the region
- Foster a way ahead in the economic development of affected communities

## ACTIVITIES

### ***STEM annual outreaches and workshops:***

The Science Resources Africa Programme continues its mission to sensitise schools in urban and rural communities to facilitate STEM innovations in Science, Technology, and Mathematics amongst the youth. The objectives are to nurture creativity and enable the youth to contribute towards improving their environment. In recent years, team SRA has been invited to different countries, including the USA, France, Thailand, Finland, Rwanda, India, Ghana, Liberia, Guinea, and China by the United Nations and other governmental bodies to discuss their entrepreneurship initiatives in engineering, environmental science, agriculture, and science education.

### ***Association of Women in Science and Engineering***

To support our annual STEM outreaches and workshops, we believe in the power of women and encourage the establishment and growth of associations of Women in Science and Engineering in the regions where we work.

### ***Mentorship collaboration with the Cambridge Association of Women in Science and Engineering***

Our collaboration with the Cambridge Association of Women in Science and Engineering provides mentorship and supports intra-Africa collaboration in health and education research. This year, the programme is mentoring African researchers as emerging leaders in various African countries, including Sierra Leone, Guinea Bissau, The Gambia, Nigeria, and Zimbabwe.

## CONTACT INFORMATION

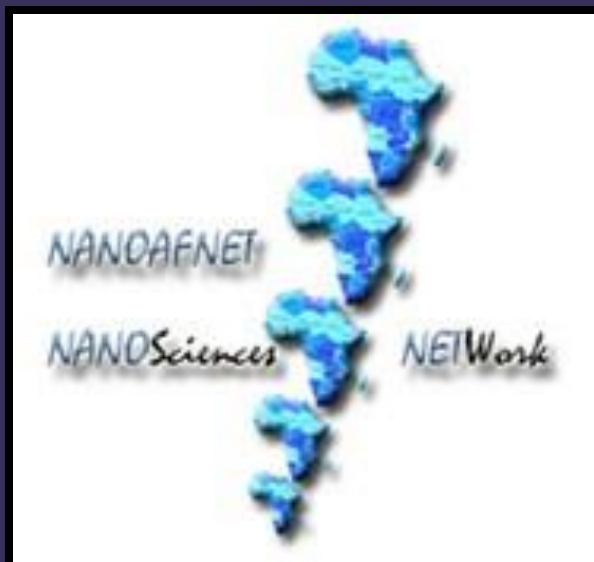
**Address:** 128 City Road, London, EC1V 2NX

**Email:** [bbannerman@scienceresourcesafrica.com](mailto:bbannerman@scienceresourcesafrica.com)

**Website:** <http://scienceresourcesafrica.com/>

**Facebook:** [facebook.com/ScienceResourcesAfrica](https://www.facebook.com/ScienceResourcesAfrica)

**X (Twitter):** @ScienceRAfrica



### ABOUT

The NANOSciences AFrican NETwork (NANOAFNET) was created in 2005 in Trieste-Italy under the patronage of the Abdus Salam ICTP, UNESCO, IAEA, TWAS and the ICS-UNID. It is supported by several international agencies and represents Africa's voice in the field of nanosciences and nanotechnology.

### VISION

To enhance the global visibility and contribution of Africa in nanosciences while developing cost effective nanotechnologies to address urgent continental societal needs in the water, energy and health sectors.

### GOALS

- Foster cross-disciplinary networks and partnerships, and disseminate information in NANOSciences and related technologies
- Enhance and maintain a world-class research and development program aimed at realizing the full potential of NANOTEchnology within the African landscape
- Develop educational resources, capacity building, a skilled workforce, and sharing research infrastructure and tools to advance NANOSciences
- Support responsible development of NANOTEchnology within Africa

### ACTIVITIES

NANOAFNET is a virtual centre of excellence in the multidisciplinary field of NANOSciences. It is an open non-exclusive South-South and North-South partnership to stimulate synergy, innovation, joint research, infrastructure sharing and technology development in NANOSciences and application of NANOTEchnologies in Africa. Its main activities are:

- |  |  |
|--|--|
| ▪ Continental training and capacity building | ▪ Financial income generation            |
| ▪ Continental equipment and facility sharing | ▪ Joint postgraduate student supervision |
| ▪ Continental information exchange           | ▪ Joint multi-nodal projects             |
| ▪ Effective coordination                     | ▪ Short term visits of senior scientists |
|  | ▪ Conferences-workshop organization      |

Further highlights and achievements of the program can be found here:

<https://nanoafnet.tlabs.ac.za/>



## ABOUT

Metrology for All (MFA) platform, a non-profit platform committed to increasing awareness of metrology in Africa and developing countries, with a particular focus on supporting women in the field of metrology. Metrology, the science of measurement, is a critical field that underpins many aspects of modern society, including industry, trade, and science. Despite its importance, many countries, particularly those in Africa and other developing regions, lag in this field.

## VISION

Bridge the gap in knowledge and application of metrology among women in developing regions by promoting education and awareness of metrology in these regions.

## MISSION

- To support women in metrology in Africa and other developing countries.
- To establish a global network by participating in international conferences, workshops and exhibitions related to metrology.
- To communicate with national institutes of metrology in African countries seeking voluntary training programs

## COLLABORATION

Metrology for All actively seeks collaborations with industry leaders, research institutions and government bodies to foster knowledge exchange, resource sharing and joint initiatives.

Current partners are:

- The Fluke Corporation | [www.Fluke.com](http://www.Fluke.com)
- Amotech Africa in Kenya | [www.amotechafrica.com](http://www.amotechafrica.com)

## ACTIVITIES

Our platform's work includes organizing training programs, workshops, and seminars to raise awareness of metrology's importance and encourage more women to pursue careers in this field. We also support research and development projects that focus on advancing metrology in Africa and other developing regions.

Some of our activities:

- World Metrology Day | <https://www.worldmetrologyday.org/>
- Candela | <https://candela-ptb.de/metrology-is-for-everyone>
- COVID 101 Best Practices from Pandemic Life | <https://i2mtc2022.ieee-ims.org/covid-101-best-practices-from-pandemic-life>

## WEBSITE

[www.metrologyforall.com](http://www.metrologyforall.com)



maintenance of quality healthcare in Nigeria.

#### **ABOUT**

The Medical Women's Association of Nigeria (MWAN), is a non-political, non-profit making organization of registered female medical and dental doctors, established in 1976. It has over one thousand active members covering every sub-specialty in medicine and dentistry in all states of Nigeria. MWAN is affiliated with the Medical Women's International Association and the Nigeria Medical Association. It has an ECOSOC status with the United Nations.

#### **VISION**

To be the foremost medical association in the

#### **MISSION**

To promote the health of the population especially women and children through information dissemination, advocacy and sensitization, capacity building and service delivery.

#### **ACTIVITIES**

MWAN enjoys a wide stakeholder collaboration with government, ministries, departments, agencies, research organisations and other NGOs. Below constitutes some of the organization's activities:

- Advocacy to Government and Stakeholders
- Capacity and Skills building for members (Research, Leadership, Mentoring, Entrepreneurial)
- Cancer screening services
- Regular Media enlightenment on key health-related issues, communicable and non-communicable disease management, and lifestyle modification.
- Violence Against Women and Girls (VAWG) advocacy prevention and management program
- Medical outreaches to communities
- Charity visits to orphanages, the poor and the Elderly
- School health program
- Routine immunization and treatment of common illnesses at our various centres

#### **CONTACT INFORMATION**

Address: Plot 443, Opp. WAEC Building Complex, Zambezi Crescent, Off Aguyi Ironsi Street, Maitama, Abuja

Telephone: +234 803 342 1682

Email: [info@mwan.org](mailto:info@mwan.org)



Website: [www.mwan.org](http://www.mwan.org)

#### **ABOUT**

CEPI is a youth and women focused non-profit, non-governmental organization, which uses multi-dimensional approaches to carry out research and intervention programmes in the areas of health, substance abuse prevention and control, youth development, skills acquisition, economic empowerment, and peace building. CEPI collaborates with local and international agencies in achieving its objectives.

#### **VISION**

A Nigerian society where marginalized populations enjoy equal access to health and wellbeing.

#### **MISSION**

To promote health hygiene, reproductive rights of women, and youth through dissemination of information, education, skills acquisition for development and economic empowerment, with support of key stakeholders within the community towards sustainable growth and impact.

#### **ACTIVITIES**

Training, workshops, WASH services, Health, OVC empowerment, skill acquisition, Capacity building, Career Guidance and counselling, production and distribution of Literature, Life Skill workshops and clubs, HIV and AIDS Awareness in schools, Churches and communities, Community Mobilisation, Conflict Resolution and Peace Building, and Advocacy.

#### **CONTACT INFORMATION**

Address: 10, Kabowei Close, Harmony Estate, Langbasa Ajah, Lagos State, Nigeria

Contact Person: Mrs Olubunmi Tejumola

Position: Executive Director

Phone No: 08023225321, 08066582509

Email: [cepinig@gmail.com](mailto:cepinig@gmail.com)





#### **ABOUT**

A non-profit organization dedicated to providing essential support and resources to indigent post-transplant kidney patients,

ensuring they receive optimal care and live fulfilling lives.

#### **VISION**

A world where every indigent post-transplant kidney patient has access to comprehensive care and financial assistance and are empowered to thrive beyond transplantation and live a healthy post-transplant life.

#### **MISSION**

To help alleviate the financial burdens and improve the overall well-being of indigent post-transplant kidney patients, enabling them to navigate the challenges of post-transplant care and live with dignity and hope.

#### **CORE VALUES**

- Compassion and empathy: We approach every patient with understanding and care, recognizing their unique needs and challenges.
- Accessibility and equity: We strive to eliminate financial barriers and ensure that all indigent post-transplant kidney patients have access to essential care and resources.

#### **HIGHLIGHTED ACTIVITIES**

- Provide financial assistance for medication costs, transportation, and other essential expenses.
- Improve access to essential medications, follow-up care, and psychosocial support.
- Increase awareness of the needs of indigent post-transplant kidney patients and advocate for their rights and well-being.

#### **CONTACTS**

Website: [www.2ckfoundation.org](http://www.2ckfoundation.org)

Email: [2ndchancekidneyfoundation@gmail.com](mailto:2ndchancekidneyfoundation@gmail.com)

Location: Benin City, Nigeria.

#### **SOCIAL MEDIA**

Facebook: [2ndchancekidneyfoundation](https://www.facebook.com/2ndchancekidneyfoundation)

Instagram: [2ndchance\\_kidney](https://www.instagram.com/2ndchance_kidney)

X (Twitter): [2ndchancekidney](https://twitter.com/2ndchancekidney)



#### **ABOUT**

INS was established in 2018 by the Ngas people of Plateau State in Central or Middle-Belt of Nigeria as a non-profit making organisation. The Ngas people speak Ngas as their language and it is one of the major languages in the State with its people spread across the country and abroad.

#### **VISION**

All-inclusive approach to the promotion of Ngas social and national integration, committed to studying social and cultural issues within their context that include their historical, developmental and geographical perspectives.

#### **MISSION**

To promote Ngas social, cultural and national integration through positive actions like documenting heritage, preserving and developing geo-cultural areas, creating awareness about ecological balance, and promoting research and academic activities.

#### **AIM OF INS**

The Institute aims to committedly study social and cultural issues of Ngas in the right context on the basis of their historical and geographical position in order to promote Ngas cultural and holistic development.

#### **ACTIVITIES**

- Promote research and academic activities about Ngas and its people.
- Restore and preserve Ngas arts, language, literature, manuscript, heritage sites & popular public places.
- Preserve and develop Ngas geo-cultural areas.
- Network with other entities for Ngas socio-cultural development
- Engage in lawful and appropriate activities that have positive impact on Ngasland.
- 

#### **CONTACT INFORMATION**

Address: National Secretariat, Ngas Development Association (NDA), No. 2, Dam Road, Pankshin, Plateau State, Nigeria.

Email Address: [instituteofngasstudies2018@gmail.com](mailto:instituteofngasstudies2018@gmail.com)

Phone Number: +234803 079 6163

Thank you all for making this year's event a huge success.



See you again in 2024.