



Promoting Excellence in Knowledge

GAAS FOUNDER'S WEEK CELEBRATION, 2024

THEME

LEVERAGING THE FOURTH INDUSTRIAL REVOLUTION

TUESDAY 12TH NOVEMBER – FRIDAY 15TH NOVEMBER, 2024

SPEAKERS



Prof. Kofi Opolu Nti, FGA
President, Ghana Academy of Arts and Sciences.



Rev. Prof. Hans Adu-Danquah, FGA
Vice President, CSIR College of Science and Technology (CGST).



Dr. Andrews Mark Ayiku
Lecturer, Faculty of Management Studies, UPSA.



Mr. Ace Anan Ankamah (Esq.), FGA,
Senior Partner, Bentsi-Enchill, Letsa & Ankamah, Accra.



Mrs. Kobi Hemaa Osisiele-Bekoo
Director of Corporate Affairs,
Ghana-India Kofi Annan Centre of Excellence in ICT (GI-KACE).



Emeritus Prof. Clifford N. B. Tagoe
MBCh.B. (Ghana), PhD (Leicester), FGA
Professor of Anatomy.

DAY 2

DATE: WEDNESDAY 13 NOVEMBER, 2024 **TIME: 5:30 PM**

VENUE KWAME NKRUMAH AUDITORIUM, GAAS

#3 Research Crescent, Casely Hayford Road, Airport Residential Area, Accra

[9 GA-018-1825]

LIVE ON



Ghana Academy of Arts and Sciences

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FOUNDER'S WEEK CELEBRATION, 2024

DAY TWO

- **DAY 2: WEDNESDAY 13TH NOVEMBER 2024 | 5:30 PM**

SYMPOSIUM ON THE SUB-THEME:

Sustainable Development and the Fourth Industrial Revolution

- **Introduction of Chairperson**
Prof. Ben Abunu, FGA, Former Honorary Secretary, GAAS
- **Chairperson's Remarks and Introduction of Speakers**
Emerita Prof. Isabella A. Quakyi, FGA, Vice President, Sciences Section, GAAS
- **Topic I: Precision Agriculture and Circular Economy Strategies.**
Speaker: *Rev. Prof. Hans Adu-Dapaah, FGA, Vice President, CSIR College of Science and Technology (CCST).*
- **Topic II: Regulatory Framework for Entrepreneurship, Innovation, and Scaling of New Technologies?**
Speaker: *Dr. Andrews Mark Ayiku, Lecturer, Faculty of Management Studies, UPSA .*
- **Q & A**
- **Chairperson's Closing Remarks**
- **Honorary Secretary's Remarks**
- **Closing [Guests to pick up bagged refreshments in the foyer]**



Emerita Professor Isabella Akyinbah Quakyi is Vice President of the Sciences Section and member of Council of the Ghana Academy of Arts and Sciences. She is a Professor of Immunology and Parasitology, University of Ghana. She is also a Fellow of the African Academy of Sciences. The first Emerita Professor in the Sciences at the University of Ghana, she established the Immunology Unit at the Noguchi Memorial Institute for Medical Research (NMIMR), 1980 -1983. She was the first female Director of the

UG School of Public Health (UGSPH) and the Foundation Dean of UGSPH, also making her the first female Dean in the College of Health Sciences in the University of Ghana 2002-2007. She is a former UNESCO Chair for Women in Science and Technology in the West Africa Region. She won the 2014 Laureate African Union Kwame Nkrumah Award for Women in Science. She is the 2019 laureate for the Clara Southmayd Ludlow award by the American Society of Tropical Medicine and Hygiene (ASTMH). Women's World Day 2021 recognized her as one of seven women in science who have changed our world for the better.

REV. PROF. HANS ADU-DAPAAH, FGA

Vice President, CSIR College of Science and
Technology (CCST).

Rev. Prof Hans Adu-Dapaah started his industrious research career as a Post-doc at the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria. He joined the CSIR-Crops Research Institute in 1993 and by dint of hard work rose through the ranks to become Chief Research Scientist in 2006. He has developed a number of technologies which have improved the livelihoods of resource- poor farmers. These include the release of 12 improved groundnut varieties, 14 improved cowpea varieties, 6 improved soybean varieties & 4 French beans. These varieties are high yielding, resistant to pests, diseases and, drought with enhanced nutrition and consumer-preferred qualities. Rev Prof Hans Adu-Dapaah has documented most of his research work in internationally acclaimed peer reviewed journals, edited conference proceedings, books, production guides and technical reports. He has to his credit over 250 publications. He has also refereed over 90 scientific papers in a number of local and international journals. He is a member of the editorial board, Ghana J of Agricultural Science, Editorial Advisory Board member, Agricultural & Food Science J. of Ghana, Frontiers of Horticultural J. etc

Rev Prof Hans Adu-Dapaah has contributed towards building human resource capacity locally and internationally. He has mentored 40 young Scientists and supervised research projects of 55 PhD/MPhil students, 45 undergraduate students from KNUST, UGL, UCC, UEW Mampong campus & Wageningen University, Netherlands. Rev Prof Hans Adu-Dapaah has served as External Examiner for 68 PhD /MPhil/MSc students from universities in Ghana and overseas. As a Resource Person he has trained a number of technical& management level personnel in a number of public and private organizations locally and internationally. Currently, he is the Vice President CSIR-College of Science & Technology and a Professor of Plant Breeding and Genetics. He is an adjunct Professor of Plant Breeding& Genetics, Sunyani Technical University.

Rev Prof Hans Adu-Dapaah has served in various levels of management positions. These include Head of Division Legumes Improvement, Deputy Director, Ag Director and Director of CSIR-Crops Research Institute (2008- 2014). He has been a Consultant for USAID, GTZ/GIZ, World Bank, Global Crop Diversity Trust, EU, University of Saskatchewan etc, He has coordinated a number of national& externally funded projects, with oversight responsibility of The National Centre of Specialization under WAAPP (2008-2014). He has served on 35 National& International Steering Committees& Management Boards. These include the National Seed Council, Cocoa

Research Institute of Ghana Management Committee, CSIR-Committee on Sustainable Funding Mechanism, Millennium Village National Advisory Board, Directors Management Committee of CSIR, CSIR-Budget Committee, CSIR-CRI Management Board, Chair, Executive Steering Committee, Sweet Potato for Profit & Health Initiative (SPHI) for Africa, Nairobi etc. Member CSIR-College of Science and Technology Governing Board. He was a member of West Africa Centre for Crop Improvement (WACCI) External Review Panel, 2015. He is a Permanent Assessor, CSIR Promotions & Appointment Committee. He represented CSIR as a technical person in the drafting of the following bills: The Plant and Fertilizer Act, Biosafety Act, Plant Variety Protection (PVP) Act and the National Science Policy. He was elected Fellow of the Ghana Academy of Arts and Science (GAAS) in 2014 and Chair of Food & Agric. Chapter of GAAS. Rev. Prof Hans Adu-Dapaah has been the Chairman of SPD Management Committee of COCOBOD, from 2019 to 2020 & 2021 to date. He is Chair, Technical Committee on PVP, African Regional Intellectual Property Organization (ARIPO). Prof Hans Adu-Dapaah's hard work has not gone unnoticed in both local and international circles. He is deservedly a proud recipient of over 15 career awards. These include the following:

- 2000 Outstanding Scientists of the 21st Century Diploma Award & International Scientist of 2001 Diploma awards by International Biographical Centre, Cambridge, England.
- Recipient of 500 Leaders of Influence Awards by American Biographical Institute Inc 10th Edition
- National Best Researcher Award, 2005 at the National Farmers Day, Navrongo.
- National Best Scientist (Presidential) Gold Award at First Ghana Science Congress, August 2011.
- Faculty of Agriculture, KNUST 70th Anniversary Academia Award, for unwavering dedication to academia, exemplary service to students & profound impact on the global agricultural landscape, Feb., 2024.

Rev Prof. Hans Adu-Dapaah is an ordained Servant of God and Deputy General Overseer, Oasis of Love Church, Kumasi. He is married to Rev Mrs Evelyn Adu-Dapaah with three children.

DR. ANDREWS MARK AYIKU

Lecturer, Faculty of Management Studies, UPSA

Dr. Andrews Ayiku is a lecturer with the Faculty of Management Studies, UPSA. He is currently the Coordinator for MBA Impact Entrepreneurship and Innovation and MA Digital and Strategic Marketing Management programmes. Andrews holds a PhD in Business from the Transcontinental University, a Doctor of Business Administration from SMC University, an MBA in Marketing from GIMPA Business School, a Post Graduate Diploma in Management from the University of Leicester, and a BBA in Banking and Finance from the Methodist University Ghana. Andrews also holds a Postgraduate Diploma in Marketing (Chartered Institute of Marketing, UK).

Before joining academia, Dr. Ayiku had worked at the United Bank for Africa, Innovative Microfinance Limited, Digicast Logistics, Midland Savings and Loans, and the Ministry of Finance and Economic Planning. Andrews is the West Africa Manager for the E4Impact Foundation, which is a spin-off of the Business School of the Università Cattolica del Sacro Cuore Milan and has been the lead entrepreneurship trainer for the region.

Dr. Ayiku has over 16 years' experience in business model design and innovation, business strategy, marketing, customer service and experience, and microfinance. He was awarded the Queen Elizabeth II Diamond Jubilee Scholarship Program for Advanced Scholars at the University of New Brunswick, Canada, to research entrepreneurship development and business strategy.

UPCOMING PROGRAMMES

DAY 3: THURSDAY 14TH NOVEMBER 2024 | 5:30 PM

SYMPOSIUM ON SUB-THEME: Bridging the Digital Divide

Topic I: Legal Framework, Cyber Security, Data Protection, Standards and Governance

Speaker: Mr. Ace Anan Ankomah (*Esq.*), FGA, Senior Partner, Bentsi-Enchill, Letsa & Ankomah, Accra.

Topic II: Preparing the Workforce for the Future: Digital Technologies, Literacy Programmes, and Sustainable Collaborative Initiatives.

Speaker: Mrs. Kobi Hema Osisiadan-Bekoe, Director of Corporate Affairs, Ghana-India Kofi Annan Centre of Excellence in ICT (GI-KACE)

Chairman: Prof. Joseph R. A. Ayee, FGA, Vice President, Arts Section, GAAS

DAY 4: FRIDAY 15TH NOVEMBER 2024 | 5:30 PM

KWAME NKRUMAH MEMORIAL LECTURE

Topic: Developments in Higher Education in Ghana: Searching for Relevance

Speaker: Emeritus Prof. Clifford N. B. Tagoe, MBCh.B. (Ghana), PhD (Leicester), FGA
Professor of Anatomy

Chairman: Prof. Kofi Opoku Nti, FGA, President of the Academy

BRIEF HISTORY ABOUT FOUNDER'S WEEK CELEBRATIONS

The Academy's Anniversary programme is the oldest of its traditions. It started in November 1960 as the first Anniversary celebration and in November every year, since then, the Academy has celebrated the Anniversary. The week is always intense with activities, as attention is firmly focused on important national or topical issues. The Founder's Week starts with the Presidential Address delivered by the President of the Academy. It is followed by a three-day symposium on a selected subject, quite often, of topical or national interest. The last day is dedicated to what used to be called the Anniversary Lecture, now renamed the 'Kwame Nkrumah Memorial Lecture' in memory of the Founder.

In 2003 a foundation member of the Academy, Professor Alexander Kwapong, who was then Chairman of the Council of State, delivered the maiden Kwame Nkrumah Memorial Lecture on "The Academy's Foundations, and its Role in National Development". Another foundation member, Emeritus Prof. J. H. Kwabena Nketia gave the 2004 Kwame Nkrumah Memorial lecture on 'Kwame Nkrumah and the Arts'. In 2005, Dr. Letitia E. Obeng, Past President of the Academy, gave the Kwame Nkrumah Memorial Lecture on the topic 'Kwame Nkrumah and the Sciences'.

Since then the following Kwame Nkrumah Memorial Lectures have been given:

- 2006 Vision and Commitment in National Leadership, *Prof. Akilagpa Sawyerr, FGA*
- 2007 Ideology, Leadership and Aspects of Kwame Nkrumah's Political and Social Agenda, *Justice Prof. Modibo Tawiah Ocran*
- 2008 The Foreign Policy of Kwame Nkrumah: The Legacy and What Is in It for Us, *Dr. E. M. Debrah*.
- 2009 The House that Kwame Nkrumah Built, *Prof. Agyeman Badu Akosa, FGA*
- 2010 The Real-politic of Kwame Nkrumah, *H. E. K. B. Asante*
- 2011 Kwame Nkrumah and the Private Sector: Lessons in Economic Development for the Twenty First century, *Mr. Tony Oteng-Gyasi*
- 2012 The Changing Face of Ghanaian Towns since Independence: From Nkrumah to Contemporary Times, *Prof. K.K. Adarkwa, FGA*
- 2013 Science, Technology and Innovation for National Development, *Prof. Kwadwo Asenso-Okyere, FGA*.
- 2014 Political Leadership and Economic Transformation in Ghana, *Prof. E. Gyimah-Boadi, FGA*.
- 2015 People and Planet: The (Moral) Imperative to Change Course (Pope Francis' Encyclical on Integral Ecology), *His Eminence Peter Cardinal K. Appiah Turkson, FGA*.
- 2016 The Future of the University in Africa, *Prof. Ernest Aryeetey, FGA*.
- 2017 Kwame Nkrumah, the Man and his Legacy, *Prof. E. S. Ayensu, FGA*.
- 2018 Saving Lake Chad and the Unification of Africa: The Inspiration of Kwame Nkrumah, *Horace Campbell*

2019	Engendering Scholarly Excellence: The Challenge for Knowledge Production, Policy and Practice, <i>Emerita Prof. Takyiwaa Manuh, FGA</i>
2020	Building a Lasting Democratic Culture Through the Exercise of Political and Religious Tolerance, <i>Most Rev. Dr. Peter Sarpong, FGA.</i>
2021	Reflections on the Ghanaian Regulatory State, <i>Prof. Joseph Roland Atsu Ayee, FGA</i>
2022	Educational Reforms in Ghana and Their Impact on the Youth, <i>Emeritus Prof. Ivan Addae-Mensah, FGA</i>
2023	Realising The Ecosystem Integrity of The Ghanaian Environment for National Development <i>Prof. Alfred Apau Oteng-Yeboah, FGA</i>

Themes of the Founder's Week Lectures till date are as follows:

Year	Theme
1971	Management, Administration and Development
1972	Education and Society: Education in Ghana at the Beginning of the 21st Century
1973	Food, Population and Politics
1974	Education and Manpower
1975	Traditional Institutions of Our Society
1976	Energy for Development*
1977	Education in Ghana at the Beginning of the 21st Century
1978	Science and Technology for Development*
1979	Agricultural and Industrial Production for National Survival*
1980	Human Rights and the Democratic Process
1981	National Development: Problems, Solutions and Strategies
1982	Health for the Community*
1983	The Political Economy of Ghana: Analysis, Perspectives and Options
1984	The Place of Learning in National Life
1985	Management and Development
1986	Education and Human Values in Nation Building
1987	Decentralization and National Integration
1988	Natural Resources and their Management: Present and Future Challenges*
1989	The Future of Our Cities
1990	Accountability in National Life
1991	Ghana in the Year 2000
1992	Sustainable Development and the Environment
1993	The Culture of Dependency
1994	Conflicts in Africa
1995	Management of Ghana's Natural Resources*
1996	Financing Education in Ghana into the 21st Century
1997	Land as a Resource for Development*

1998	The Notion of the State in Contemporary Africa
1999	Critical Issues and the Challenges of the 21st Century
2000	The Information Age*
2001	Some Critical Development Issues facing Ghana
2002	Globalization
2003	National Integration
2004	Gender: Evolving Roles and Perceptions
2005	From Stability to Growth: Challenges of National Development
2006	Water*
2007	National Development: The Past 50 Years
2008	The Challenges of Oil Discovery in Ghana*
2009	50 Years of Promoting Excellence in Knowledge
2010	Climate Change*
2011	Ghana's Employment Challenge
2012	Ghana's Urbanisation Challenge
2013	Education For National Development
2014	Transforming the Economy of Ghana
2015	Managing Ghana's Oil Resources*
2016	Sustainable Land Administration In Ghana
2017	Managing Healthcare*
2018	Managing National Water Resources for Future Survival: Agenda 2063*
2019	Beyond 60 Years of Scholarly Excellence: New Frontiers and Prospects
2020	This Covid-19 Pandemic*
2021	The 1992 Constitution: Fitness for Purpose in the 21 st Century
2022	The Socio-Economic and Health Impacts of Covid-19 and Other Emerging Infectious Diseases*
2023	International Order in A Changing World: Implications for Rules, Institutions, Norms, Alliances, And Ghana

*Science-oriented Presentations

The Ghana Academy of Arts and Sciences is Ghana's Premier Learned Society. It was founded in November 1959 by Government Instrument of Incorporation. Its aim is to bring together the highest level of intellectuals, experts and professionals in the country to constitute a 'Think Tank' in the Arts and Sciences to enable it advise government and other relevant bodies on issues of importance to national development.

Mission

The mission of the Ghana Academy of Arts and Sciences is to encourage the creation, acquisition, dissemination and utilization of knowledge for national development through the promotion of learning.

Objectives

The Academy's objectives partly reviewed over the years are to:

- Promote the study, extension and dissemination of knowledge of Arts and Sciences.
- Establish and maintain proper standards of endeavour in all fields of the Arts and Sciences.
- Recognize outstanding contributions to the advancement of the Arts and Sciences in Ghana.
- Contribute actively to the development of Ghana and Africa generally by examining and addressing critical issues of development.
- Do such things as are conducive or incidental to the attainment of all or any of the foregoing objectives.

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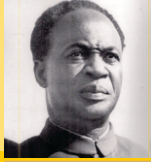
PRESIDENTS

GHANA ACADEMY OF ARTS AND SCIENCES

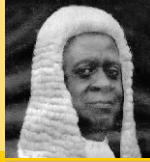
[1959 - 2024]



Duke of Edinburgh, Prince Philip, FGA
1959 - 1981



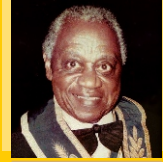
Dr. Kwame Nkrumah, FGA
1961 - 1966



Mr. Justice N.A. Ollennu, FGA
1969 - 1972



Prof. E.A. Boateng, FGA
1973 - 1976



Prof. C.O. Essmon, FGA
1977 - 1980



Prof. F.G.T. Torto, FGA
1981 - 1982



Most Rev. Prof. K.A. Dickson, FGA
1983 - 1986



Dr. E. Evans-Anom, FGA
1987 - 1990



Rev. Prof. C.G. Baata, FGA
1991 - 1992



Prof. D.A. Bekoe, FGA
1993 - 1996



Prof. J.H. Kwashina Nketia, FGA
1997 - 1998



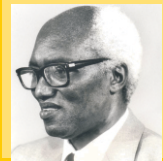
Prof. Prof. T. Sai, FGA
1999 - 2002



Nana Dr. S.K.B. Asante, FGA
2003 - 2006



Dr. Letitia E. Obeng, FGA
2007 - 2008



Prof. Reginald Fraser Amonoo, FGA
2009 - 2010



Prof. F.K.A. Allotey, FGA
2011 - 2014



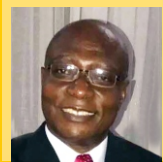
Prof. Akiagba Sawyer, FGA
2015 - 2016



Prof. Aba Bentil Andam, FGA
2017 - 2019



Justice Prof. Henrietta J.A.N.
Mensa-Bonsu, FGA (2019 - 2020)



Emeritus Prof. Samuel Sefa-Dedeh, FGA
2021 - 2022



Prof. Kofi Opoku Nti, FGA
2023 - 2024

OFFICE & LOCATION ADDRESS:

P.O. Box M32, Accra-Ghana, #3 Research Crescent,
Casely Hayford Road, Airport Residential Area, Accra

ENQUIRIES



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