

DAY 2



GAAS PUBLIC FORUM 2025

THEME

GALAMSEY REVISITED

02 - 04 JUNE 2025

5:30 PM DAILY

SPEAKERS



Mr. Erasmus Asare
Donkor



Dr. Kwadwo
Ansang Asante



Prof. Ellis
Owusu-Dabo



Prof. Yaw
Adu-Gyamfi, FGA



Dr. Ken Ashigbey



Dr. Albert
Kobina Mensah



Mr. Ace Anan
Ankamah, Esq. FGA



Prof. RoseEmma Mamas
Entsue-Mensah, FGA

CHAIRPERSONS



Emerita Prof.
Isabella Akyinbah
Quakyi, FGA,
President, GAAS



Prof. Alfred Apau
Oteng-Yeboah, FGA,
Vice President, Sciences
Section, GAAS



Emerita Prof.
Takyiwaa Manuh, FGA,
Vice President,
Arts Section, GAAS

VENUE: KWAME NKRUMAH AUDITORIUM, GAAS

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

[📍 GA-018-1825 | 📞 030 293 7545] [🌐 www.gaas-gh.org]

LIVE ON



MEETING ID
852-8078-1481



Ghana Academy of
Arts and Sciences

TOPIC

GALAMSEY REVISITED

DAY 2: TUESDAY JUNE 03, 2025

SUB-THEME:

Cost of Repair

Topic A: Bioremediation, Rehabilitation, Monitoring, and Coordination.

Speakers: Dr. Kwadwo Ansong Asante, *CSIR-Water Research Institute*, and Dr. Albert Kobina Mensab, *CSIR-Soil Research Institute*.

Topic B: Health Cost: Human and Ecological Assessment

Speaker: Prof. Ellis Owusu-Dabo, *Immediate Past Pro-Vice Chancellor of the Kwame Nkrumah University of Science and Technology (KNUST), Kumasi*.

Chairperson: *Emerita Prof. Takyiwaa Manuh, FGA; Vice President, Arts*

- 5:30 PM

Welcome Address and Introduction of Chairperson

Prof. George Obeng Adjei, FGA, Honorary Secretary, GAAS

- **Chairperson's Remarks and Introduction of Speakers**

Emerita Prof. Takyiwaa Manuh, FGA; Vice President, Arts

- **Lecture Begins**

- **Topic A: Bioremediation, Rehabilitation, Monitoring, and Coordination**

Speakers: *Dr. Kwadwo Ansong Asante, CSIR-Water Research Institute, and Dr. Albert Kobina Mensah, CSIR-Soil Research Institute.*

- **Topic B: Health Cost: Human and Ecological Assessment**

Speaker: *Prof. Ellis Owusu-Dabo, Immediate Past Pro-Vice Chancellor of the Kwame Nkrumah University of Science and Technology (KNUST), Kumasi.*

- **Q & A**

- **Chairperson's Closing Remarks**

- **Honorary Secretary's Remarks**

- **Closing**

EMERITA PROF. TAKYIWAA MANUH , FGA

VICE PRESIDENT, ARTS SECTION, GAAS



Takyiwaa Manuh is Emerita Professor at the University of Ghana, Legon. She served as Director at the Social Development Policy Division of the United Nations Economic Commission for Africa (2014-2017), and Director of the Institute of African Studies, University of Ghana, (2002-2009). In August 2022, she was appointed Senior

Fellow at the Ghana-Centre for Democratic Development, Accra, and was appointed Honorary Professor at Nelson Mandela University, Port Elizabeth, South Africa in May 2023.

She holds undergraduate and graduate degrees in Law from the University of Ghana, Legon, and the University of Dar es Salaam, Tanzania, and a Ph.D. degree in Anthropology from Indiana University, Bloomington, Indiana, USA.

Her research, scholarly and advocacy interests include African development; human rights; women's rights and empowerment; contemporary African migrations; and African higher education systems, and she has published widely in these areas.

She is a Fellow of the Ghana Academy of Arts and Sciences and was elected Vice President for the Arts Section in December 2024. She has received several awards and recognitions, including the University of Ghana's Meritorious Service Award (2007); Ghana's Order of the Volta (Officer Class, 2008); an honorary doctorate degree from the University of Sussex, UK, (2015); and the Franco-German Prize for Human Rights and the Rule of Law (2023).

Dr. Kwadwo Ansong Asante

CSIR-Water Research Institute



Dr. Kwadwo Ansong Asante is presently a Principal Research Scientist at the CSIR-Water Research Institute (CSIR-WRI), Ghana and the Head of the Environmental Chemistry and Sanitation Engineering Division of the Institute. He joined the CSIR-WRI in October, 1994 after his National Service with the Institute. He is also a Visiting Researcher at the Lancaster University, UK. Dr. Asante graduated from the University of Science and Technology with a B.Sc. (Hons) degree in Chemistry in 1993, obtained his M.Sc. in Environmental Chemistry and Ecotoxicology from Ehime University, Japan in September 2005 and followed up with a Doctor of Science (D.Sc.) degree in Environmental Chemistry, also from Ehime University, Japan in March, 2012. He has received several scholarships from the Commonwealth Fellowship, JICA, DANIDA, Organization for the Prohibition of Chemical Weapons (OPCW) and the Carl Duisberg Gesellschaft (CDG, Germany). Dr. Asante also holds Certificates in Management (Cologne, Germany), Integrated Environment and Water Management (DHI, Denmark), Environmental Impact Assessment (EPA, Ghana), and Protection and Utilization of Oceans (University of Hamburg, Germany), etc.

Dr. Asante has assessed the quality of various inland and coastal waters in support of the Institute's mandate of initiating and conducting research into fresh and coastal water resources of Ghana to provide information for their sustainable management. He has also assessed the effects of emerging contaminants and heavy metals from open burning of e-waste via human breast milk, fish, cow milk, soil and urine. He supervises post-graduate students at both the Masters and PhD levels from some Ghanaian Universities, aside being an External Examiner for the University of Johannesburg, South Africa

and Annamalai University, India. Dr. Asante has to his credit about 80 publications from journals and conference papers published in reputable peer-reviewed journals. He is a Reviewer for some journals published by Elsevier and also an Advisory Board Member of the Sustainable Chemistry for the Environment Journal by Elsevier. He is also a Member of the International Panel on Chemical Pollution (IPCP).

He is widely exposed having attended many International Conferences and was adjudged the best presenter during the 9th International Society for Trace Element Research in Humans (ISTERH) Conference held in Antalya, Turkey in October, 2011. Among others, he serves on the Hazardous Chemicals Committee at EPA and the National Technical Committee on Water Quality at the Ghana Standards Authority. He is an old student of Accra Academy and was a scholarship recipient from Accra Brewery Limited spanning 1981-1986 during his secondary school education.

Dr. Albert Kobina Mensah

CSIR-Soil Research Institute



Dr. Albert Kobina Mensah is a research scientist with the Council for Scientific and Industrial Research's Soil Research Institute in Ghana. He earned his PhD in environmental soil science from Germany's Ruhr-Universität Bochum, has a Master of Science in water resources and watershed management from Kenyatta University in Kenya, and a Bachelor of Science in general agriculture from the University of Cape Coast in Ghana. His research interests include soil contamination and pollution, potentially hazardous elements in soil and remediation, phytoremediation, environmental risk assessment, redox chemistry of potentially toxic elements, and the sustainability of artisanal and small-scale mining. He has participated in numerous rigorous laboratory investigations and field experiments to identify potential sustainable solutions to soil pollution concerns caused by gold mining in Ghana. He is an experienced researcher with a track record of doing and publishing high-quality research in high-impact journals in the fields of environmental sciences, soil sciences, public health, and mine sector sustainability. His scholarships have been published in prestigious international environmental science journals, and he has given oral presentations and appeared at international soil science conferences.

Prof. Ellis Owusu-Dabo

Immediate Past Pro-Vice Chancellor of the Kwame Nkrumah
University of Science and Technology (KNUST), Kumasi



Professor Ellis Owusu-Dabo is the immediate past Pro-Vice Chancellor of the Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, a Professor of Epidemiology and Global Health, a Consultant Public Health Physician and Researcher.

In his previous role as Dean of the School of Public Health, Professor Owusu-Dabo saw to the introduction of new programs and growth of the school, increasing the number of Master of Public Health (MPH) programs from three to seven. He also served as both Deputy Director and Director of the Kumasi Centre for Collaborative Research (KCCR) into Tropical Medicine for a period of eight years. Ellis continues to make significant strides in securing and managing multi-million-dollar research grants from principal granting institutions such as the European Union, National Institutes of Health (NIH), Mastercard Foundation, The World Bank and the Bill and Melinda Gates Foundation (BMGF) as well as many bilateral organisations.

He has a wealth of experience in resource mobilisation, grantsmanship, research management, clinical trials and community-based research implementation. His research interests lie in pandemic preparedness, epidemic-prone diseases, vaccine development and Non-Communicable Diseases (NCDs). Currently, he leads KNUST's Africa Health Collaborative, funded by the Mastercard Foundation. Prof. Owusu-Dabo served as an Executive Steering Committee Chairperson of the nine collaborating higher education institutions in Africa and Canada. Through his leadership, over 2000 primary health care workers across all regions of Ghana have benefitted from capacity strengthening workshops, short-

courses and scholarships for certificate, degree and postgraduate programs.

As an advocate for inclusive education, Professor Owusu-Dabo has led the development and implementation of five diploma programs, specifically designed to suit persons with various forms of disabilities. Through his research, he has mentored over thirty young research scientists to PhD and post-doctoral positions across the globe. His exceptional support for female scientists has seen the remarkable rise of his female mentees to reputable positions in research and leadership roles at both national and international levels.

Prof. Owusu-Dabo currently has over 300 scientific publications, 26000+ citations, an h-index of 51 and i10 index of 156, making him one of Ghana's top five research scientists. Ellis is a Perelman International Scholar at the University of Pennsylvania, USA. He has travelled extensively and serves on several boards at both local and international levels, thus providing a massive network for work. His passion is in building capacities of next generation scientists and health systems to help solve Africa's health challenges through scientific innovation and research collaborations.

Professor Ellis Owusu-Dabo received his PhD from the University of Nottingham, UK, a BSc, MPH and MB ChB from KNUST, Kumasi, Ghana. He has additional qualifications from both the Ghana and West Africa Colleges of Physicians.

Ellis, is married to Joyce with whom they have three boys and fellowships with the Assemblies of God Church, Ghana.

DAY 3: WEDNESDAY 04 JUNE, 2025

SUB-THEME:
PROFFERING SOLUTIONS

Topic A: Overhaul of National Institutions Regulating Mining:
Role of Local Institutions Including Chiefs

Speaker: Mr. Ace Ankomah, *Esq*, FGA

Topic B: The Way Forward

Speakers: *Prof. RoseEmma Mamaa Entsua-Mensah*, FGA and
Prof. Yaw Adu-Gyamfi, FGA

Chairman: *Prof. Alfred A. Oteng-Yeboah*, FGA,
Vice-President, Sciences

GAAS PUBLIC FORUM

1993	Making Democracy Work in the 4th Republic
1996	Problems and Prospects of Democratic Governance in Africa
1997	The Economy of Ghana from 1983 – 1996
1998	Vision 2020 and the Long-term Economic Growth of the Economy
1999	Six years of Constitutional Rule in Ghana: Assessment and Prospects
2000	National Interest and Elections in Africa
2001	Consensus Building: A Tool for Effective Democratic Governance in Africa
2002	Corruption and Development in Africa
2003	The Judiciary in the Fourth Republic
2004	The Economy, Productivity and Income Levels in Ghana
2005	Reconciling the Nation
2006	Addressing Poverty in National Development
2007	Evolution of Constitutionalism in Independent Ghana
2008	Ensuring Democratic Participation in Africa
2009	Constitutional Review in Ghana
2010	Governance in Ghana: Challenges to Administrative Justice, Anti-Corruption and Access to Justice
2011	Elections and the Democratic Challenges in Africa
2012	Energy and Ghana's Development
2013	Accountability in Governance
2014	Genetically Modified Organisms (GMOs)
2015	Waste Management
2016	Migration and Development
2018	Sustainable Development Goals (SDGs) and National Development
2019	Non-Communicable Diseases
2020	(Programme not held due to COVID-19)
2021	Vaccines
2022	African Continental Free Trade Area: Challenges and Prospects
2023	The Impact of Modern Technology and Artificial Intelligence on Education Delivery
2024	National Elections In Ghana: Issues and Prospects

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.

NOTES

NOTES

PRESIDENTS

GHANA ACADEMY OF ARTS AND SCIENCES

[1959 - 2026]



Duke of Edinburgh, Prince Philip, FGA
1959 - 1961



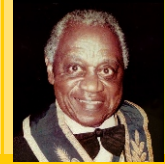
Dr. Kwame Nkrumah, FGA
1961 - 1966



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



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



Prof. C.O. Essom, 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. Baeta, FGA
1991 - 1992



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



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



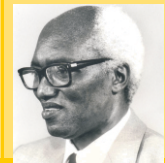
Prof. Prof. T. Sasi, FGA
1999 - 2002



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



Dr. Letitia E. Obeng, FGA
2007 - 2008



Prof. Reginald Fraser Amoo, FGA
2009 - 2010



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



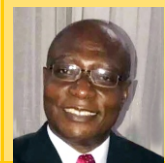
Prof. Akiagba Sawyer, FGA
2015 - 2016



Prof. Aba Bentil Andam, FGA
2017 - 2018



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



Emeritus Prof.
Samuel Seta-Dedei, FGA
2021 - 2022



Prof. Kofi Opare Nii, FGA
2023 - 2024



Emerita Prof.
Isabella Akyiah Quakyi, FGA
2025 - 2026

OFFICE & LOCATION ADDRESS:

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

ENQUIRIES
030 293 7545

www.gaas-gh.org

facebook.com/gaasghana
twitter.com/gaasghana
Ghana Academy of Arts and Sciences
GA-016-1825

