

Participant and Facilitator Biographies

Dr Pamela Amegbletor - Ghana

Dr. Amegbletor works in the Department of Chemical Sciences, University of Energy and Natural Resources (UENR), Sunyani-Ghana as a Lecturer. She is an Analytical Chemist with an interest in Phytochemistry/Natural Products and Food Security. She loves to interact with young people as she believes in their potential for greatness. Dr. Amegbletor returned as a resource person to her Senior High School, St. Mary's Senior High, Accra, for a career day program in 2016. She was a STEM Ambassador in the UK for about a year during her PhD studies at the University of Bath. Pamela participated in an outreach program as part of "Bath Taps into Science" where she visited St. Mary's Primary school in Timsbury, England and displayed some science experiments to educate the children on handwashing and antimicrobial resistance. More recently, she was invited to Ola Girls' Senior High School, Kenyasi as a resource person to speak to the girls about careers opportunities in Chemical and Health Sciences in 2021. She was also one of the coordinators for the Department of Chemical Sciences during UENR's STEM Festival where she offered different experiments to educate and excite the students, from primary to Senior High schools, about Chemistry and Science in general to generate and encourage their interest in STEM careers. She is currently a part of a team at UENR visiting Senior High Schools across the country to enlighten the students on educational opportunities available in UENR in addition to guiding them in making program choices relevant to their desired career paths.



Dr. Ismaila Emahi - Ghana

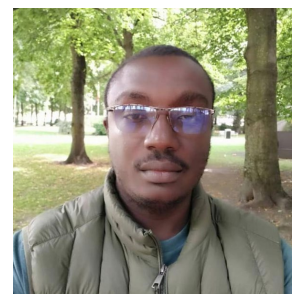
Dr. Emahi is currently a Senior Lecturer in the Department of Chemical Sciences at the University of Energy and Natural Resources (UENR) in Sunyani, Ghana. He obtained his PhD in Chemistry from Saint Louis University (SLU), St. Louis, Missouri, USA in 2015. Immediately following his PhD, Dr. Emahi began his academic career as Lecturer in the Department of Chemistry at Southern Illinois University in Edwardsville (SIUE), Illinois, USA where he taught courses in chemistry and biochemistry. He later moved to the University of Richmond in Virginia, USA as a Visiting Lecturer in the Department of Chemistry where he taught Biochemistry, Organic Chemistry and Functional Nucleic Acids and Analytical Applications. Dr. Emahi returned to Ghana in January 2018 and joined the Department of Chemical Sciences at UENR as Lecturer. Two years later, he was promoted to the rank of Senior Lecturer. Dr. Emahi is actively involved in research and has ongoing research collaboration with senior scientists at Cambridge and Oxford Universities in the UK. His research interest is in the development of innovative materials for removing toxic metals in water and the design of smart tools for environmental sensing. He is an Iso Lomso Fellow of



the Stellenbosch Institute for Advanced Study (STIAS), South Africa; Fellow of the Africa Science Leadership Programme (ASLP) at Future Africa, University of Pretoria, South Africa; and Fellow of the Regional Center for Energy and Environmental Sustainability (RCEES) at UENR, Sunyani, Ghana. Dr. Emahi has been an active member of the American Chemical Society (ACS) since 2011. He has also been an active volunteer of the ACS and served in several ways, including participating in ACS local meetings; organizing chemistry outreach programs, judging high school poster competitions; organizing a chemistry festival; and most recently as a Student Chapter Reviewer reviewing student chapter reports. He is the founder and Faculty Advisor of the International Student Chapter of the ACS at UENR.

Dr. Ousmane Francis Konate – Burkina Faso

Dr. Konate is a water and environment engineer, working in the Department of Toxicology and environmental control at the National Laboratory for Public Health, in Burkina Faso. He oversees environmental chemical analysis including heavy metals, pesticides, and other contaminant. His current research is focusing on the metal's recovery from printed circuit boards wastes by using of deep eutectic solvents.



Dr. Ruby Hanson - Ghana

Dr. Hanson is a full professor in Chemistry Education from the University of Education, Winneba, in Ghana, where she served as the first female Dean of the Faculty of Science Education for the past three years. She also served as a Pro-Vice Chancellor. Prof. Hanson has a Doctorate degree in Chemistry Education and a Master degree in Toxicology and Environmental Chemistry. Her research focuses on the design of interactive approaches to enhance students' conceptions in chemistry through sub micro chemistry activities. Her current projects focus on the integration of systems thinking, engineering and the social sciences into chemistry curricula to prepare students towards sustainability literacy and the mitigation of humanitarian challenges. She is an ardent promoter of early chemistry education among adolescent school children and has organized three successful outreach programs (Chemistry Festivals) with her colleagues within the Winneba Municipality and its environs.



Prof. Dr. Edu J. Inam - Nigeria

Prof. Inam received her Ph.D in Chemistry in 2005 from Loughborough University, United Kingdom. She attended two postgraduate certificate courses in International Cooperation and Development; and Environmental Change: managing risks at the United Nations University, Tokyo, Japan in 2006. She completed three years postdoctoral fellowship at Gwangju Institute of Science and Technology (GIST), South Korea. From 2015 until 2018 she was appointed the Acting Director, Centre for Research and Development, at the University of



Uyo. she is currently, the Director, International Centre for Energy and Environmental Sustainability Research at University of Uyo; the head of the department of chemistry; an Associate Professor in Analytical and Environmental Chemistry, and the Editor in Chief, Journal of Material and Environmental Sustainability Research. She Joined ACS in 2014 and pioneered the setting up of ACS Nigeria Chapter which was chartered in 2015. She has contributed tremendously to the successful functioning of ACS Nigeria Chapter through implementing various programs including the Abuja Chemistry Festival in 2015, the Global Innovation Imperative in 2015, The ACS Nigeria Chapter Symposium Series now in its 7th year, The Project SEED program and the University of Uyo ACS Student chapter. Dr Inam is a member of the Environment division and the chair-elect of ACS Nigeria International Science Chapter.

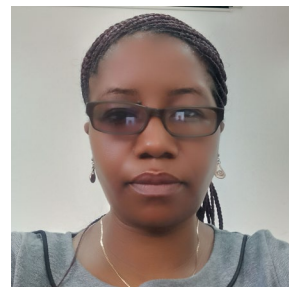
Dr. Patrice Tsobnang Kenfack - Cameroon

Dr. Kenfack is a Senior Lecturer at the University of Dschang (Cameroon). He got his Ph.D. in Solid State and Molecular Inorganic Chemistry at the University of Yaoundé I (Cameroon) and the University of Lorraine (France) in 2014. He is working on the design and study of the structure-properties relationship of coordination and oxide materials applicable as sensors and on the structural factors related to the therapeutic properties of the metabolites from the medicinal plants. His publication record includes 21 papers published in reputable journals and cited up to date about 115 times. He is member of the American Chemical Society (ACS), Vice-president of African Crystallography Association (AfCA), member of the Cameroon Academy of Young Scientists (CAYS) and Champion of the Cambridge Structural Database (CSD) for Cameroon. He is also member of many other committees in Cameroon and Africa working for the promotion of science. He has participated for this purpose in the organization of many conferences and workshops in Africa.



Dr. Grace Kinduda-Tanzania

Dr. Kinduda is a senior lecturer of physical chemistry in the Chemistry Department, University of Dar es Salaam (UDSM), Tanzania. She obtained her bachelor degree (B.Sc. Ed) majoring in Chemistry, Biology and Education and M. Sc degree in chemistry from the University of Dar es Salaam, Tanzania. She has a PhD in chemistry on Kinetics of Ligand Substitutions Reactions of Platinum Anticancer Drugs from the University of KwaZulu-Natal, South Africa. Her research and consultancy interests lie in the area of material science, computational chemistry and nanotechnology. Grace is supervising a number of undergraduate and postgraduate students in material science, computational chemistry and nanotechnology related fields. She has published articles in the peer reviewed local and international journals. In addition, she has been involved in different activities that promote chemistry and related sciences to students. These activities include



chemistry for fun, chemistry festivals and training teachers in order to develop the required competencies in teaching chemistry for improved learning outcomes and quality of education in Tanzania. To date she is a member of: Materials Science and Solar Energy for Eastern and Southern Africa (MSSEESA) network, Tanzania Chemical Society (TCS) and the Royal Society of Chemistry (RSC). She is also a board member in the Board of Directors of the Tanzanian Government Chemist Laboratory Agency (GCLA).

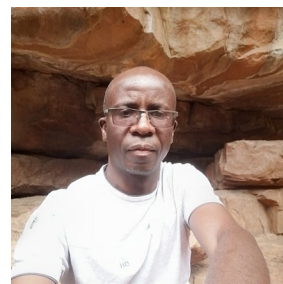
Dr. Ernest Koranteng – Ghana

Dr. Koranteng is a Lecturer at the Department of Chemistry Education, University of Education, Winneba, Ghana. He holds Ph.D. in Polymer Chemistry from the Central Normal University, Wuhan, China. His research interests include sustainable polymer synthesis, organic synthesis and photoredox catalysis. Over the past two years, he has been actively involved in the organization of Chemistry Outreach Programs such as Chemistry Festivals funded by the American Chemical Society (ACS) in the Effutu Municipality of Ghana.



Dr. Foster Mbaiwa – Botswana

Dr. Mbaiwa works for Botswana International University of Science and Technology as an Associate Professor of Chemistry. His research focuses on understanding interactions between molecules in the condensed phase. I am currently heading a community outreach project in which BIUST is partnering with a mining company to desalinate water from a borehole drilled by the mining company for a rural community. A few years ago, I started a campaign on educating local small garage mechanics in safe and environmental conscious disposal of used motor oil. I have not done any outreach to schools and I hope the experience from the FTI will be invaluable in going in that direction.



Dr. Yves Mbiangue- Cameroon

Dr. Mbiangue is an Associate Professor in the Chemistry Department of the Higher Teachers' Training College, University of Maroua (in Cameroon). He teaches, among other subjects, Atomistic (at the undergraduate level) as well as Coordination Chemistry and Bio-Inorganic Chemistry (at the graduate level). He is interested in new materials with fascinating physical and chemical properties. The 2022 FTI will be his first experience with outreach activities.



Dr. Clarence Mgina – Tanzania

Dr. Mgina is a lecturer at the Chemistry Department of the College of Natural and Applied Sciences/ University of Dar es Salaam, Tanzania. He is teaching: Organic Chemistry, Biochemistry and Medicinal Chemistry. His areas of research are: Natural Products, Organic Synthesis, Biochemistry. Clarence is a Vice president of- Tanzania



Chemical Society (TCS), Country Chairman for Natural Products Research Network for Eastern and Central Africa (NAPRECA), Program Officer at African Network for Chemical Analysis of Pesticides and other Pollutants (ANCAP). He is the Coordinator for Chemistry Festivals in Tanzania (Five Chemistry Festivals in Tanzania between 2017 and 2021)

Dr. Ingrid Montes – Puerto Rico, USA

Dr. Montes completed a B.S. in Chemistry and a Ph.D. in Organic Chemistry from the University of Puerto Rico at Río Piedras. She has been professor and researcher at this Institution for 29 years. She is currently the Dean of Graduate Studies and Research of the College of Natural Sciences. Dr. Montes has two areas of current research interest: Organometallic chemistry and Chemical education. She is currently Director-at-Large of the ACS Board of Directors. She is the founder of The Chemistry Festival Program, which has directly reached thousands people from the general community. This is now a program of the American Chemical Society (ACS) that has been successfully implemented around the world in locations such as Puerto Rico, the United States, Colombia, Mexico, Chile, Peru, Nigeria, Hungary, and China.



Prof. Dr. Joshua Obaleye

Prof. Obaleye obtained his B.Sc. Chemistry degree from Union University, Jackson Tennessee 38301 USA in 1977 and Ph.D. Radiation and Inorganic Chemistry from Texas W. University, Denton, Texas 76204 USA in 1981. He joined University of Ilorin on July 31, 1987 as Senior Lecturer after serving in some other Universities. He was promoted to full professor in 1996. He is the Chairman of the ACS Nigeria International Chemical Sciences Chapter and Student Advisor, for the ACS University of Ilorin Student Chapter. He has organized and involved in many ACS supported events, programs and workshops. These include the popular- Chemistry Festivals under different themes. He participated at the West African Research and Innovation Management Association workshop held at the Felix Houphouët Boigny University, Abidjan, and Cote d'Ivoire. Professor Obaleye is an Inorganic Chemist having special interest in Medicinal//Bioinorganic/Coordination Chemistry. His research focus is in Synthesis, Structural Elucidation and Biological Potency of Metal-Drug Complexes with specific reference to antimalaria, antituberculosis, anti-inflammatory and anticancer among others. Prof. Obaleye was among the practicing chemists from a wide range of countries invited by ACS International Affairs office to work together in drafting Global Chemists' Code of Ethics (GCCE) for world chemists. He participated in the 5th Festival Training Institute held in Sharjah, United Arab Emirates in 2018. He was also appointed by Chemical Society of Nigeria (CSN) Council to serve as a member of the 2020 Electoral Committee of CSN. Based on his great contribution to the progress of CSN, he was conferred with Chemical Society of Nigeria (CSN) Gold award of Excellence during the



42nd Annual International Conference, workshop and exhibition of CSN held in Ikeja, Lagos, Nigeria between Sunday, 8th – Friday, 13th September 2019. He was appointed as an Associate member of ACS Senior Chemists Committee (SCC) (2021) and now upgraded to full membership of ACS SCC in 2022. Prof. Obaleye is a member of SCC Newsletter subcommittee. He was invited to participate at The ACS MENA 2022 Research Conference and summit 9-11 May 2022 held at the Ritz Carlton, Doha, Qatar.

Dr. Olayinka Adebisi Oyetunji – Botswana

Dr. Oyetunji, called 'Yinka', a short form of his first name. He holds BSc (Hons) in Chemistry 1980, MSc in Chemistry 1985, PhD in Chemistry 1988, all from the University of Ife (later Obafemi Awolowo University) in Ile-Ife, Nigeria. Dr. Oyetunji taught Chemistry and Mathematics at High School before returning to the university as a Graduate Assistant while at the same time starting his Graduate studies. His research area during his MSc and PhD degrees was Physical Chemistry with specific bias in Kinetics and Mechanisms of Inorganic reactions. Yinka spent a year of his PhD studies as a Visiting Research Fellow at Georgetown University, Washington DC. He became a member of the American Chemical Society in January 1993 and have remained a financial member every year from then up till today. His academic career has seen him teach at universities in Nigeria, Zimbabwe, Papua New Guinea, and Botswana, where he has been for the past 23 years. His research interests include Inorganic Synthesis, Coordination Chemistry, Inorganic Reaction Mechanisms, Catalysis and also recently getting interested in some Computational Chemistry. Apart from being an ACS member for over 29 years, he has also been a member of Royal Society of Chemistry for the past 27 years, and currently a Fellow of the institute.



Dr. Lily Raines – USA

Dr. Raines is the Manager of the Office of Science Outreach at the American Chemical Society. She completed her B.S. in Biochemistry at Eckerd College and completed her Ph.D. in Biochemistry, Cellular, and Molecular Biology at the Johns Hopkins University School of Medicine. She began working at the American Chemical Society as a Global Projects Manager in the Office of International Activities in March 2016. She was promoted to Manager of the Office of Science Outreach in January 2016. She and her four staff members manage the National Chemistry Week, Chemists Celebrate Earth Week, Chemistry Olympiad, Kids and Chemistry, and Chemistry Festival programs.



Ms. Malgorzata (Margaret) Thatcher, M.Sc. Eng. – USA

Ms. Thatcher is the Program Specialist for the U.S. National Chemistry Olympiad Program at American Chemical Society in the Office of Science Outreach. She received a M.Sc. Eng. degree in Agronomy from the University of Life Sciences in Poznan, Poland, majoring in grasslands and meadows cultivation and conservation of natural rural landscapes. Before moving to the USA, Margaret worked



for various NGOs in Poland. She has been at ACS for 17 years working with Chemistry Olympiad competition for high school students, and Outreach Programs.

Prof Dr. Arsene Yonli – Burkina Faso

Prof Yonli from Burkina Faso oversees catalysis, thermodynamics, chemical and environmental engineering courses for bachelor and master's degrees at University Joseph Ki-Zerbo, Ouagadougou, Burkina Faso. He got a PhD in 2005 in University of Poitiers in France. Currently he is supervising 12 theses at his university and foreign universities in France and Belgium.



ACS Festival Training Institute

27 June – 1 July, 2022

For questions, contact Lily Raines: +1 202 450 8310 | L_Raines@acs.org